Annexes

Annexes related to the Request For Proposal for the creation of a new web-site and intranet for the European University Institute.

Lot 1. The elaboration of a new graphical identity for the future web-site.

Lot 2. The setting up and configuration of a Web Content Management System for the renovation of the web site and intranet.

Ref: EUI.2007.LibCs001

The first part of this document provides a list of forms and declarations to be duly completed, signed and included in your offer proposal.

The second part of the document provides technical annexes with information on the data structure and data you have at your disposal for the creation of the custom tools detailed in Document IV – Part III.

Part I ANNEXES TO INCLUDE IN THE OFFER

All these annexes have to be filled-out, acknowledged and signed by the candidate.

Annexes duly completed must be enclosed in the envelopes containing the offer proposal for each Lot of this Request For Proposal.

Candidates who do not enclose these annexes, duly completed and signed with their offer proposal, will be excluded from this Request For Proposal.

I.1 ANNEX I – CANDIDATE'S DECLARATION CONCERNING EXCLUSION CRITERIA

European University Institute
Att: Protocol Office
Badia Fiesolana, Via dei Roccettini 9,
I-50014 San Domenico di Fiesole (FI), ITALY

Ref. : Request For Proposal EUI.2007.LibCs001

In response to the Request For Proposal, I/we hereby declare that:

- I /We are not in any of the situations excluding me/us from participating in contracts (and will produce the corresponding certificates if so requested);

  Exclusion conditions to participate to this contract are:

  - Being bankrupt or being wound up, having one's affairs administered by the courts, having entered into an arrangement with creditors, having suspended business activities, or being subject to proceedings concerning those matters, or being in any analogous situation arising from a similar procedure provided for in national legislation.
  - Having been convicted for an offence concerning one's professional conduct ;
  - Having been declared guilty of grave professional misconduct
  - Having not fulfilled obligations relating to the payment of social security contributions or the payment of taxes in accordance with the legal provisions of the country in which the candidate is established or with those of the country of the contracting authority or those of the country where the contract is to be performed;
  - Having been the subject of a judgment for fraud, corruption, involvement in a criminal organization or any other illegal activity;

- I/We will inform the Authority immediately if there is any change in the above circumstances at any stage during the selection procedure or during the implementation of the contract;
- I /We fully recognize and accept that any inaccurate or incomplete information deliberately provided in this Request For proposal may result in my/our exclusion from this and other contracts funded by the Authority.

Contracts may not be awarded to candidates who, during the procurement procedure are guilty of misrepresentation in supplying the information required by the contracting authority as a condition of participation in the contract procedure or fail to supply this information.

The candidate must be able to prove that he/she is in a stable financial position.

Candidates must have the technical and professional competence to carry out the proposed tasks. In particular, they must:

- have at least a demonstrable experience in the field covered by this Request For Proposal;
- Be registered in a relevant commercial or trade register.

Signature of the candidate or of authorized representative. Date

I.2 ANNEX II – CANDIDATE'S DECLARATION CONCERNING THE CLAUSE ON DISPUTES AND ARBITRATION

European University Institute
Att: Protocol Office
Badia Fiesolana, Via dei Roccettini 9,
I-50014 San Domenico di Fiesole (FI), ITALY

Ref. : Request For Proposal EUI.2007.LibCs001

In response to the Request For Proposal I/we declare that by accepting this contract I/we accept the following clause:

Any disputes arising out of the terms and conditions of this announcement, the procedure for the assessment and selection of the successful candidate, or the contract for the management of the service shall be subject to voluntary arbitration. Pursuant to Article 808 ter of the Italian Code of Civil Procedure, by derogation from the provisions of Article 824 bis, the parties agree that any dispute shall be settled by arbitration as laid down in the contract.

The arbitrators shall be three in number, one for each party concerned and the third designated by mutual agreement of the first two; if no agreement can be reached the third shall be designated by the President of the Florence Bar Association at the instigation of either party. Arbitration shall take place in Florence.

The award shall be made within three months of the date of the first meeting of the board of arbitration with a chairman in place; the applicable regulations shall be those laid down from time to time by the board of arbitration; the award criteria shall be those laid down by Article 823 of the Italian Code of Civil Procedure.

Signature of the candidate or of authorized representative. Date

I.3 ANNEX III - DETAILED AWARD CRITERIA MATRIX FOR LOT 2

The award criteria matrix for assessment of the offers received for Lot 2 are based on the requirements (major or advantageous) expressed in Document IV of this Request For Proposal.

- Major requirements or functionalities are important for us and will have a heavy weight in the selection phase.
- Advantageous requirements or functionalities are features we would like to have but that are not critical or decisive. These can weigh in favor of a candidate in the final decision.

The candidate best able to provide the system that fits the greatest number of our requirements will be selected.

We ask therefore the candidates to inform us on their ability to satisfy our needs by filling-in the award criteria matrix provided in Annex IV of the Request For Proposal, sign it and return it to us included in the offer proposal.

We will base our second selection phase on this matrix and we will verify that all the assertions are true and correct during the presentation and Q&A in stage 3 (Only for selected candidates).

We therefore ask you to answer this matrix with the most attentive care.

Any candidate not returning the award criteria matrix duly completed and signed with its offer proposal or having lied in its declaration will be excluded from this contract.

We understand that it may be difficult for a market product to meet all our requirements by default. Therefore when your product does not offer functionality stated as "major" in our requirements(Document IV) we ask you to tell us if you CAN and WILL customise your product to make it available.

All customizations to meet our requirements are part of this contract and cannot be charged in addition to the price offer submitted for this Request For Proposal.

During the selection we will NOT automatically eliminate proposals that do not meet all of our major requirements. We will assess all offers comparatively and select the best offer based on our priorities.

For each requirement listed in the next sections please check the boxes ☑ in the columns aside to indicate if you can or will meet the listed requirement. A field has been forecasted if you wish to clarify or comment your anwer.

I.3.1 MAJOR REQUIREMENTS

Major requirements	See details in Document IV	Available by default	Will be made available	Comment
Content and layout are separated	I.1	☐	☐	
WCMS product is open	I.2 - §2	☐	☐	
WCMS product build on non-proprietary programming language	I.2 - §3	☐	☐	
WCMS architecture is clear and clean (build on a single programming language and a single kind of database)	I.2 - §4	☐	☐	
There is an API interface	I.3 - §1	☐	☐	
The API interface is in a generally known public language (PhP,C, C++,J2EE, Actionscript,ASP, .Net, C# or Coldfusion)	I.3 - §1-2	☐	☐	
Content & files are stored in a database	I.4 - §2	☐	☐	
Support for accented and non-Western characters sets	I.4 - §3	☐	☐	
Conform to CSS-2 W3C specifications of W3C	I.4 - §5	☐	☐	
Conform to HTML and XHTML W3C specifications	I.4 - §6	☐	☐	
Conform to W3C specifications on feeds(RSS & Podcast)	I.4 - §7	☐	☐	
The product proposed allow us to manage our Internet web site and our Intranet as specified in our requirements	I.6	☐	☐	
There is an automatic backup and restore procedure	I.7	☐	☐	
A load balancing and fail-over procedure can be set up	I.8	☐	☐	
There is a preview and a production environment	I.9	☐	☐	
Two instances of the WCMS product can be installed	I.10	☐	☐	
The publication time is short and is guaranteed	I.11 - §2	☐	☐	
The publication can be selective – incremental or full	I.11 - §3	☐	☐	

Use of authenticated SMTP connections for mailing	I.12 - §1	☐	☐	
Emails sent by the system can be mixed MIME types(text + html)	I.12 - §2	☐	☐	
Emails must be format to avoid main anti-spam rules	I.12 - §3	☐	☐	
Support for user authentication against MS active Directory	I.13 - §1	☐	☐	
User authentication is made through secured Connections(SSL)	I.13 - §1	☐	☐	
The content-editor can allow direct HTML source edition	I.14 - §2 II.2.2 - §13	☐	☐	
The content-editor can enable some user to add Javascript code directly in the page source	I.14 - §2	☐	☐	
It is possible to integrate external HTML forms in a web page	I.14 - §3	☐	☐	
It is possible to integrate external JSP forms in a web page	I.14 - §3	☐	☐	
There is a high security level and non-public content is not searchable by external search engines	I.15 - §1-8	☐	☐	
security - URL are safe	I.15 - §9	☐	☐	
Error management is provided (Error 404, 500, 503, …) and is user friendly	I.16 -§1-2	☐	☐	
Error pages's content is customisable depending on the website section wher the error occured	I.16 - §3	☐	☐	
WCMS product user-interface and manuals are at least in English	II.1 - §2	☐	☐	
Web sites created by WCMS product can be multilingual	II.1 - §3	☐	☐	
The content editor is user friendly and understandable by an average computer user	II.2 - §1	☐	☐	
Users can edit content from a tree-like structure	II.2.1 - § 2	☐	☐	
Users can edit content through a in-context interface (WYSIWYG interface)	II.2.1 - § 3	☐	☐	
The page content editor proposes all features detailed in Document IV section II.2.2	II.2.2	☐	☐	
- Enter & edit text		☐	☐	
- Choose font style(bold, italic, …) and predefined styles		☐	☐	
- Choose text alignment		☐	☐	
- Choose text formatting		☐	☐	
- Inlcude bullet list and automatic numbering		☐	☐	

- Inlcude anchors to another paragraph.		☐	☐	
- Include and edit complex tables		☐	☐	
- Offers Undo / Redo functionality		☐	☐	
- Is MS Word friendly		☐	☐	
Through the page content editor users can add links with all features detailed in Document IV	II.2.3 - §1-10	☐	☐	
- Internal and External links		☐	☐	
- link to an office document from the inner-DMS (with icons for the document type)		☐	☐	
- link to special elements like events and news		☐	☐	
- Editors can edit the text of the link		☐	☐	
- External links are opened in a new window. Internal link are opened in the same window		☐	☐	
There is a link checker feature that reports broken links	II.2.3 - §11-12	☐	☐	
The link checker can be launched manually or be scheduled to launch automatically	II.2.3 - §12	☐	☐	
It is possible to include images in a web pages	II.2.4 - §1-5	☐	☐	
- There is no limitation in the number of images on a page		☐	☐	
- Editors can enter alt-tags on images		☐	☐	
- Editors can choose a random position for images in a page		☐	☐	
- Images can be aligned in regards of text's edge		☐	☐	
It is possible to include a video file in a web page and a player appear automatically	II.2.5 - §1	☐	☐	
Video files formats supported by the player are .wmv,.mpeg,.mov,.avi	II.2.5 - §2	☐	☐	
It is possible to include an audio file in a web page adn a player automatically appear	II.2.6	☐	☐	
It is possible to re-use the content of the web site for other purpose(export tool)	II.2.8 - a)	☐	☐	
- In XML		☐	☐	
- In PDF		☐	☐	
- In another format (in this case provide details in the comment field)		☐	☐	

It is possible to incoporate cleanly and easily content from another source(import tool)	II.2.8 - b)	☐	☐	
WCMS manages met-information (that can be edited)	II.2.9	☐	☐	
- Editors can enter basic meta-data information(see list §2)		☐	☐	
- Metadata can contain different kind of values (§3)		☐	☐	
- Multiple values can be possible (§4)		☐	☐	
- Prefefined list of values can be used (§5)		☐	☐	
- Metadata can be attributed to at-least Menu sections, web pages and documents (§7)		☐	☐	
Every page created by the WCMS has clear title, description and keywords tags	II.2.10 - §1	☐	☐	
Tags are automatically generated by can be updated manually	II.2.10 - §1	☐	☐	
There is a NOINDEX meta-tag and a robots.txt file forecasted for spiders	II.2.10 - §2	☐	☐	
The content copy/pasted, imported or upload from a word document is cleaned automatically	II.2.13	☐	☐	
the product has an imbedded Document Management System (DMS)	II.3 - §1	☐	☐	
The imbedded DMS is open and accessible	II.3 - §2-3	☐	☐	
The DMS stores meta-data on documents	II.3 - §6	☐	☐	
The DMS has an importing/exporting tool	II.3 - §7	☐	☐	
The DMS can handle any kind of media file	II.3.1- §1	☐	☐	
The DMS creates thumbnail automatically for images	II.3.1- §2	☐	☐	
Easy Office documents management(easy upload, search engine, and management of the folder structure)	II.3.2 - § 1-2	☐	☐	
Intelligent link management - When a document moves from place the links in the web pages are not broken	II.3.2 - § 3	☐	☐	
The DMS proposes the controls listed in Doc. IV section II.3.3	II.3.3	☐	☐	
- DMS propose documents upload /download interface	II.3.3 - §1	☐	☐	
- DMS proposes document versioning	II.3.3 - §3	☐	☐	
- DMS proposes a clear view of the documents' usage	II.3.3 - §4	☐	☐	
- DMS enable to delete a document or a document version	II.3.3 - §5	☐	☐	

- It is possible and easy to manage the folder structure	II.3.3 - §6	☐	☐	
- It is possible to manage rights on the DMS folder structure	II.3.3 - §7	☐	☐	
It is possible to do cross-referencing of web pages	II.5 - §1	☐	☐	
It is possible and easy for editors to view where their web pages are referenced/used	II.5 - §2	☐	☐	
Menu structure is flexible and there is no limitation in the number of items or levels	II.6.1	☐	☐	
It is possible to choose where to place the menu and its direction	II.6.2	☐	☐	
It is possible to manage multiple menus on a web page	II.6.2	☐	☐	
It is possible to handle separately the menu structures of the main web-sites and of the mini web-sites	II.6.2 - last §	☐	☐	
It is possible to perform different kind of actions on a menu structure	II.6.3	☐	☐	
- Place a menu in a random place on a page using the templates	II.6.3	☐	☐	
- Choose the menu direction(horizontal or vertical)	II.6.3	☐	☐	
- Change easily the menu look(through templates or CSS)	II.6.3	☐	☐	
- Create/delete/rename/move a menu section	II.6.3	☐	☐	
- Publish /Unpublish all pages of a menu section	II.6.3	☐	☐	
- Specify wich page is the overview page	II.6.3	☐	☐	
- add / edit metadata information to a menu section	II.6.3	☐	☐	
We can manage 'who' can do 'what action' on the menu structure	II.6.3 - last §	☐	☐	
The WCMS can generated clickable Table of Content for menu section with more than one page	II.6.4	☐	☐	
There are automatic clickable breadcrumbs	II.6.5	☐	☐	
The system allow to have more than one page per menu section	III.7 - §2	☐	☐	
It is possible to set up similar stages for web pages	II.7.1	☐	☐	
Users always have a clear view of their pages' states	II.7.1 – last §	☐	☐	
The WCMS handles web pages versioning	II.7.2 - §1	☐	☐	
It is always possible to go back to a previous version of a page(rollback)	II.7.2 - §2	☐	☐	

It is possible to perform different kind of actions on a web page	II.7.3	☐	☐	
- Create/delete/move a web page	II.7.3	☐	☐	
- Pulish / Unpublish a web page	II.7.3	☐	☐	
- create / Delete a web page version	II.7.3	☐	☐	
- Archive a web page	II.7.3	☐	☐	
- add / edit metadata information to a page	II.7.3	☐	☐	
It is possible to manage 'who' can do 'what action' on a web page	II.7.3 – last §	☐	☐	
There is a multi-page management for long articles. In this case a page navigation automatically appears	II.7.4 - §1-2	☐	☐	
It is possible to deactivate the automatic multi-page management(automatic slicing)	II.7.4 - §2	☐	☐	
When a text is sliced in different pagesit is still possible to print the full text in one click	II.7.4 - §3	☐	☐	
When a text is sliced in different page we can still download the full text in PDF one click	II.7.4 - §3	☐	☐	
When a text is too long and will be sliced a warning meesage must appear	II.7.4 - §4	☐	☐	
WCMS has of a basic workflow functionality	II.8	☐	☐	
WCMS enables the creation of a workflow as illustrated Document IV	II.8.1	☐	☐	
The Workflow is flexible so webmasters can add/update/remove a stage if necessary	II.8.1 - §2	☐	☐	
It is possible to have at least the roles described in section II.8.2	II.8.2 - §1-7	☐	☐	
There is an automatic versioning on web pages based on ownership	II.8.2 - §8	☐	☐	
There is a concurrent access lock for web pages edition	II.8.2 - § 9	☐	☐	
Roles are cumulative – E.g. An editor can be at the same time a publisher	II.8.3 - §2	☐	☐	
Users may have different roles on different parts of the website	II.8.3 - §3	☐	☐	
Administrators can manage users' roles	II.8.3 - §4	☐	☐	
Users groups management is possible	II.8.3 - §5	☐	☐	
Clear views for user rights & roles management	II.8.3 - §6	☐	☐	
It is possible to archive old web pages (and unarchive it afterwards)	II.8.4	☐	☐	

Only users with appropriate rights can publish a page(publishers)	II.8.7 - §1	☐	☐	
It is possible to schedule an automatic publication	II.8.7 - §2	☐	☐	
There is a control screen to view publications' history	II.8.7 - §3	☐	☐	
The templates created using the WCMS conform to clickability and usability rules set out in Document III - Part II of this RFP	II.9 - §2	☐	☐	
The WCMS allow creation of template structures as detailed in Document III - Part III of this RFP	II.9 - §3	☐	☐	
The WCMS can create and manage templates and templates variants as listed in Document III - Part IV of this RFP	II.9 - §4	☐	☐	
The WCMS allow us to use CSS-2 compliant style sheets	II.9.1- §2	☐	☐	
The WCMS enable us to use a specific style-sheet for the print	II.9.1-§3	☐	☐	
Users can change easily the template of one page or one web-site section(and all pages it contains)	II.9.2	☐	☐	
It is possible to apply a different template on each menu section(e.g one template per academic departement) or on each page	II.9.2	☐	☐	
When an element on a template change (e.g the logo) it automatically changes on all the pages based on this template	II.9.2	☐	☐	
Users can add special elements(menu, news ticker, ... In all templates)	II.9.2	☐	☐	
It is possible to manage rights on the template edition	II.9.2	☐	☐	
The search engine can index/search all information available on the web-site(s)	II.10	☐	☐	
There is a simple search tool as described in Doc IV	II.10.2 a)	☐	☐	
There is an advanced search tool	II.10.2 b)	☐	☐	
The advanced search tool can propose the search options as described in Doc IV	II.10.2 b)	☐	☐	
The search process is full text search that lists results based on relevancy and type of information found	II.10.3 - §2	☐	☐	
The search process respect the rules set out in Document IV	II.10.3 - §3(1-8)	☐	☐	
The simple search process can look for keywords relevancy on all content type	II.10.3 - §4	☐	☐	
The search engine can look for information on the public web site(s) and/or on the Intranet depending on the user's authentication state	II.10.3 - §5	☐	☐	
The search engine can look for information also in the online collaboration spaces	II.10.3 - §5	☐	☐	
The search form explain clearely the current scope of the search(public web-site,Intranet & online collaboration spaces)	II.10.3 - §6	☐	☐	

The search results can be presented following the requirements expressed in Document IV	II.10.4 - last §	☐	☐	
It is possible to get reports on the search queries made by the visitors	II.10.5	☐	☐	
The WCMs provides a tool(form engine) that enables users to create easily simple forms	II.11.1 II.11.2 §1-2	☐	☐	
The forms created by the form engine respects the presentation rules layed down in Document IV	II.11.1 - a)	☐	☐	
The forms created by the form engine respects the behaviour rules layed down in Document IV	II.11.1 - b)	☐	☐	
The forms created by the form engine respects the accessibility rules layed down in Document IV	II.11.1 - c)	☐	☐	
The result of a form submission can be sent by mail to one or several addresses	II.11.2 - §3	☐	☐	
The result of a form submission can be store in a text file	II.11.2 - §3	☐	☐	
While creating a form users must be able to insert the fields and options of major importance as listed in Document IV	II.11.2 - §4 (see bullet list)	☐	☐	
The form engine can handle creation of our existing forms. If a form can not be handled please indicate the form number in the comment field.	II.11.3	☐	☐	
It is possible to include existing JSP and HTML forms in a web page through the WCMS product	II.11.4	☐	☐	
There is a tool to enter and manage news on the website and Intranet	II.12	☐	☐	
News can be displayed in dedicated News sections and as highlights(news tickers) on web pages	II.12.1 - §1	☐	☐	
News sections can be displayed according to our requirements	II.12.1 - a)	☐	☐	
News highlights(tickers) can be displayed according to our requirements	II.12.1 - b)	☐	☐	
The News management tool enable users to enter all necessary information as listed in Document IV	II.12.2 - §2 (see bullet list)	☐	☐	
News can be published manually by linking them to specific sections	II.12.2 - §3 point 1	☐	☐	
News can be published automatically to appropriate sections using meta-information	II.12.2 - §3 point 2	☐	☐	
It is possible to set an appoval process before publication(depending on editors)	II.12.2 - §4	☐	☐	
Visitors can download news in PDF	II.12.3	☐	☐	
There are online collaboration workspaces(e-communities)	II.13.1	☐	☐	
- There are collaboration workspaces with restricted access	II.13.1 - §4	☐	☐	
- There are collaboration workspaces with public access	II.13.1 - §4	☐	☐	
- It is possible to manage who can participate/join a workspace	II.13.1	☐	☐	

- It is possible to have a moderator for each workspace	II.13.1	☐	☐	
- It is possible to create as many workspace as we want	II.13.1	☐	☐	
- It is possible to share documents inside a workspace	II.13.1	☐	☐	
- It is possible to participate to threaded discussions	II.13.1	☐	☐	
- It is publish some content(community pages)	II.13.1	☐	☐	
- It is publish some content news and announcements	II.13.1	☐	☐	
- It is publish news and announcements	II.13.1	☐	☐	
- It is possible to register and get Podcast retransmissions of audio broadcast placed in the workspaces	II.13.1	☐	☐	
- It is possible to chat	II.13.1	☐	☐	
- It is possible to send an invitation to propose someone to join a workspace or to send a permission request to join a workspace	II.13.1	☐	☐	
- It is possible to have meta-information on workspace	II.13.1- last §	☐	☐	
There is tool "send this page to a friend" in-line with our requirements	II.13.4	☐	☐	
History and logs are created automatically	II.14	☐	☐	
There is a build-in tool for creation and management of RSS-Feeds	II.15.1	☐	☐	
URL are simple, easily readbale and search-robot friendly	II.15.3 §1	☐	☐	
There is no session's ID visible in URL	II.15.3 §2	☐	☐	
It is possible to manage aliases for mini web-sites	II.15.3 - §4	☐	☐	
The WCMS and the online collaboration products have a help section available on every page	II.15.8	☐	☐	
There is an automatic sitemap creation for the website and Intranet	II.15.9	☐	☐	
It is possible to manage our mini web sites with the WCMS	II.15.11	☐	☐	

I.3.2 ADVANTAGEOUS REQUIREMENTS

Advantageous criteria's	See details in Document IV	Available by default	Will be made available	Comment
The candidate has the full-know-how of the products he proposes	I.2 - §6	☐	☐	
The products proposed are already used by a large customer base	I.2 - §7	☐	☐	
The product supports Ajax	I.4 -§9	☐	☐	
The product supports WebDav	I.4 -§10	☐	☐	
The product supports XML	I.4 -§11	☐	☐	
The product enable easy creation of web services & supports WSDL	I.4 -§12	☐	☐	
The product supports W3C standard for logs	I.4 -§13	☐	☐	
The WCMS uses an Oracle database	I.5 - §3	☐	☐	
The WCMS can run on Linux	I.5 - §3	☐	☐	
There is a control screen to check the history of publications	I.11 - last §	☐	☐	
The authentification process uses the standard part of Active Directory and is not too tied to Mircosoft Active Directory extension	I.13	☐	☐	
The product has a web based architecture(no client application has to be installed on standalone computers)	I.17 - §1-2	☐	☐	
The product has a Service Oriented Acrhitecture	I.17 - §3	☐	☐	
Editors can check links on specific website sections in a federated way	II.2.3 - §12	☐	☐	
The product can disable broken links automatically and notify the editors accordingly	II.2.3 - §13	☐	☐	
Images can be juxtaposed and the juxtaposition order can be chosen	II.2.4 - §7	☐	☐	
Administrators can limit the images formats used on a web page	II.2.4 - §8	☐	☐	
Administrator can define a size limit for the images used on web pages	II.2.4 - §9	☐	☐	

The product can manage the inclusion of a audio or video stream in web pages	II.2.7	☐	☐	
The product enables us to add meta-information on special web-site elements like News, collaboration workspace, Events and people	II.2.9	☐	☐	
It is possible to add additional meta-data fields on web site elements	II.2.9	☐	☐	
There is no limitation in the number of additional meta-data fields that we can add	II.2.9	☐	☐	
It is possible to add extra tags to html pages created by the product	II.2.10 - §3	☐	☐	
There is an imbedded spell checker(in English UK)	II.2.11	☐	☐	
It is possible to edit and manage rights at paragraph level	II.2.12	☐	☐	
Document Management - The product can use another repository source to store and retrieve documents	II.3 - §5	☐	☐	
Document Management - The product handles multilingual ressources	II.3 - §8	☐	☐	
Document Management - Documents and folders are presented in a Windows explorer-like interface	II.3 - §9	☐	☐	
The product enables to add tags on media files	II.3.1 - §3	☐	☐	
Document Management - It is possible to do folder upload	II.3.3 - §2	☐	☐	
WebDav- It is possible to save documents directly into the DMS repository	II.4 - a)	☐	☐	
WebDav - There is an online authoring facility	II.4 - b)	☐	☐	
Breadcrumbs titles can be edited manually and separately from other meta-information	II.6.5 - §3	☐	☐	
It is an advantage if editors can compare two version of a same web page	II.7.3 - §10	☐	☐	
There is an automatic backup chain integrated can be defined in the workflow	II.8.2 - §11	☐	☐	
It is possible to grant rights to a user a several web site elements in a single action	II.8.3 - last §	☐	☐	
There is a commenting facility for the editors	II.8.5	☐	☐	
There is a track change tool to facilitate the content revision process	II.8.6	☐	☐	
It is possible to schedule content publication/expiration	II.8.7 - §3	☐	☐	
Templates are applied to pages following cascading inheritance	II.9.2 - §9	☐	☐	

The web-site created with the WCMS can be easily crawled and index by main internet real search engines	II.10.1	☐	☐	
The search engine looks also for synonyms	II.10.3 - §3(.9)	☐	☐	
The search engine looks also for keywords with/without accented caracters	II.10.3 - §3(.9)	☐	☐	
The search engine can index and search into PDF documents	II.10.3 - §3(.10)	☐	☐	
The search result displays and highlight the keywords in the text	II.10.4	☐	☐	
messages generated by form(error or confirmation messages) are customisable for each form	II.11.2 - §2	☐	☐	
The result of form submissions can be stored in a database	II.11.2 - §3	☐	☐	
Form generator - It is possible to have a default value for form elements	II.11.2	☐	☐	
Form generator - It is possible to have fields for document upload	II.11.2	☐	☐	
Form generator - It is possible to set the textboxes size	II.11.2	☐	☐	
Form generator - It is possible to format output of the form in regards of the information received	II.11.2	☐	☐	
Form generator - It is possible to generate simple survey form	II.11.3	☐	☐	
Online collaboration tools - Members of multiple project have a summary view of the latest information and documents	II.13.1	☐	☐	
Documents exchanged of collaboration workspaces are stored in the Document Management System imbedded into the WCMS	II.13.1	☐	☐	
Online collaboration tools - It is possible to organise and participate to webmeetings	II.13.1	☐	☐	
Visitors can provide their comments and reviews on specific web pages	II.13.2	☐	☐	
Visitors can rate the content of a web page	II.13.3	☐	☐	
It is possible to have personnal blogspace with the corporate image handled by the WCMS product	II.13.5	☐	☐	
It is possible to register and get Podcast retransmissions of audio broadcast placed in the web site pages	II.15.2	☐	☐	
URL are friendly	II.15.3 - §3	☐	☐	
There is a reporting tool on the usage of the WCMS product and the collaboration workspaces	II.15.5	☐	☐	
There is a search and replace functionality	II.15.6	☐	☐	

There is a task management functionality	II.15.7	☐	☐	
The help provided for the product(s) usage is contextual	II.15.8 - §1	☐	☐	
Tips & tricks are available in the bak-end at the attention of editors and designers	II.15.8 - §2	☐	☐	
There is an A to Z index automatically created	II.15.9	☐	☐	
There is a photo gallery	II.15.10	☐	☐	
There is a toolbox aside each article to improve the reading and collaboration with the tools detailed in Document IV	II.15.12	☐	☐	

Part II TECHNICAL DOCUMENTATION CONCERNING OUR SYSTEMS

In this section you will find the description of the information available to the candidates for the realisation of the custom tools detailed in Document IV – Part III of this Request For Proposal.

Data Definition is provided as XML shemes in order to provide maximum precision on the data structure, organisation and type independently from any data source.

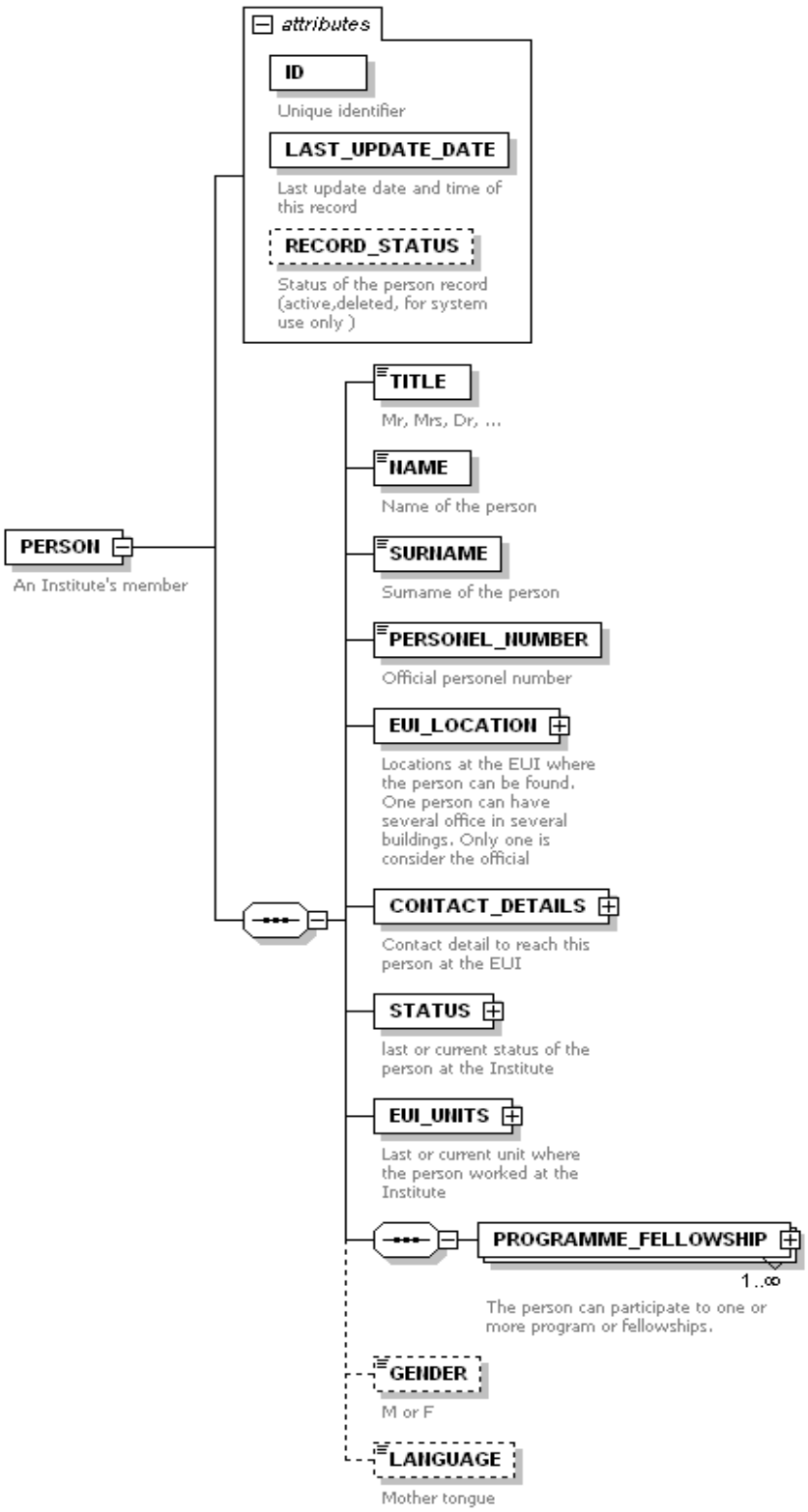
II.1.1 DATA ON PEOPLE TO BE USED FOR THE WHO'S WHO TOOL

Schema **people_v2.xsd**

Elements	Complex types
PERSON	ADDRESS_DETAIL
	BUILDINGType
	CONTACT_DETAIL
	EUI_UNIT
	LOCATION_DETAIL
	UNIT_DETAILS

element **PERSON**

diagram



properties content complex

children TITLE NAME SURNAME PERSONEL_NUMBER EUI_LOCATION CONTACT_DETAILS STATUS EUI_UNITS PROGRAMME_FELLOWSHIP GENDER LANGUAGE

attributes

Name	Type	Use	Default	Fixed	annotation
ID	**xs:ID**	required			documentation Unique identifier
LAST_UPDATE_DATE	**xs:dateTime**	required			documentation Last update date and time of this record
RECORD_STATUS	**derived by: xs:string**	optional	active		documentation Status of the person record (active,deleted, for system use only)

annotation documentation

An Institute's member

source

```
<xs:element name="PERSON">
 <xs:annotation>
  <xs:documentation>An Institute's member</xs:documentation>
 </xs:annotation>
 <xs:complexType>
  <xs:sequence>
   <xs:element name="TITLE" nillable="true">
    <xs:annotation>
     <xs:documentation>Mr, Mrs, Dr, ...</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:enumeration value="Dr"/>
      <xs:enumeration value="Mr"/>
      <xs:enumeration value="Pr"/>
      <xs:enumeration value="Ms"/>
      <xs:enumeration value="Miss"/>
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
   <xs:element name="NAME" nillable="false">
    <xs:annotation>
     <xs:documentation>Name of the person </xs:documentation>
    </xs:annotation>
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:length value="255"/>
     </xs:restriction>
    </xs:simpleType>
```

```
    </xs:element>
    <xs:element name="SURNAME" type="xs:string">
     <xs:annotation>
      <xs:documentation>Surname of the person </xs:documentation>
     </xs:annotation>
    </xs:element>
    <xs:element name="PERSONEL_NUMBER">
     <xs:annotation>
      <xs:documentation>Official personel number </xs:documentation>
     </xs:annotation>
    </xs:element>
    <xs:element name="EUI_LOCATION" type="LOCATION_DETAIL">
     <xs:annotation>
      <xs:documentation>Locations at the EUI where the person can be found. One person can
have several office in several buildings. Only one is consider the official</xs:documentation>
     </xs:annotation>
    </xs:element>
    <xs:element name="CONTACT_DETAILS" type="CONTACT_DETAIL">
     <xs:annotation>
      <xs:documentation>Contact detail to reach this person at the EUI</xs:documentation>
     </xs:annotation>
    </xs:element>
    <xs:element name="STATUS">
     <xs:annotation>
      <xs:documentation>last or current status of the person at the Institute</xs:documentation>
     </xs:annotation>
     <xs:complexType>
      <xs:sequence>
       <xs:element name="ACADEMIC_STATUS">
        <xs:annotation>
         <xs:documentation>Last academic status of the person eg.
Professor</xs:documentation>
        </xs:annotation>
       </xs:element>
       <xs:element name="ADMINISTRATIVE_STATUS">
        <xs:annotation>
         <xs:documentation>Last administrative status of the person eg.
Employee</xs:documentation>
        </xs:annotation>
       </xs:element>
      </xs:sequence>
     </xs:complexType>
    </xs:element>
    <xs:element name="EUI_UNITS">
     <xs:annotation>
      <xs:documentation>Last or current unit where the person worked at the
Institute</xs:documentation>
     </xs:annotation>
     <xs:complexType>
      <xs:sequence maxOccurs="unbounded">
       <xs:element name="UNITS">
        <xs:annotation>
         <xs:documentation>A person can belong/work for several different units. Only one unit is
the official one.                    </xs:documentation>
```

```
            </xs:annotation>
            <xs:complexType>
              <xs:attribute name="OFFICIAL_UNIT" type="xs:boolean" use="required">
                <xs:annotation>
                  <xs:documentation>Flag set to 1 if this unit is the official one</xs:documentation>
                </xs:annotation>
              </xs:attribute>
              <xs:attribute name="UNIT_CODE" use="required">
                <xs:annotation>
                  <xs:documentation>unit code... like HAEU, CS, LIB,...  This should be a FK to the
UNIT table in datahub</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:enumeration value="CS"/>
                    <xs:enumeration value="HAEU"/>
                    <xs:enumeration value="LIB"/>
                    <xs:enumeration value="ECO"/>
                    <xs:enumeration value="to_be_continue"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:attribute>
              <xs:attribute name="UNIT_NAME" use="required">
                <xs:annotation>
                  <xs:documentation>Full text of the unit name eg. Computing Service for
CS</xs:documentation>
                </xs:annotation>
              </xs:attribute>
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:sequence>
      <xs:element name="PROGRAMME_FELLOWSHIP" maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation>The person can participate to one or more program or fellowships.
</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:attribute name="PF_code">
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="80"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:attribute>
          <xs:attribute name="PF_name">
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="255"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:attribute>
```

```
        </xs:complexType>
      </xs:element>
    </xs:sequence>
    <xs:element name="GENDER" nillable="true" minOccurs="0">
      <xs:annotation>
        <xs:documentation>M or F</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:enumeration value="M"/>
          <xs:enumeration value="F"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="LANGUAGE" nillable="true" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Mother tongue </xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="255"/>
          <xs:whiteSpace value="replace"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
  <xs:attribute name="ID" type="xs:ID" use="required">
    <xs:annotation>
      <xs:documentation>Unique identifier </xs:documentation>
    </xs:annotation>
  </xs:attribute>
  <xs:attribute name="LAST_UPDATE_DATE" type="xs:dateTime" use="required">
    <xs:annotation>
      <xs:documentation>Last update date and time of this record</xs:documentation>
    </xs:annotation>
  </xs:attribute>
  <xs:attribute name="RECORD_STATUS" use="optional" default="active">
    <xs:annotation>
      <xs:documentation>Status of the person record (active,deleted, for system use only
)</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:enumeration value="active"/>
        <xs:enumeration value="inactive"/>
        <xs:enumeration value="deleted"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:attribute>
 </xs:complexType>
</xs:element>
```

attribute **PERSON/@ID**

type **xs:ID**

properties
- isRef 0
- use required

annotation
documentation

Unique identifier

source

```
<xs:attribute name="ID" type="xs:ID" use="required">
  <xs:annotation>
    <xs:documentation>Unique identifier </xs:documentation>
  </xs:annotation>
</xs:attribute>
```

attribute **PERSON/@LAST_UPDATE_DATE**

type **xs:dateTime**

properties
- isRef 0
- use required

annotation
documentation

Last update date and time of this record

source

```
<xs:attribute name="LAST_UPDATE_DATE" type="xs:dateTime" use="required">
  <xs:annotation>
    <xs:documentation>Last update date and time of this record</xs:documentation>
  </xs:annotation>
</xs:attribute>
```

attribute **PERSON/@RECORD_STATUS**

type restriction of **xs:string**

properties
- isRef 0
- default active
- use optional

facets
- enumeration active
- enumeration inactive
- enumeration deleted

annotation
documentation

Status of the person record (active,deleted, for system use only)

source

```
<xs:attribute name="RECORD_STATUS" use="optional" default="active">
 <xs:annotation>
  <xs:documentation>Status of the person record (active,deleted, for system use only )</xs:documentation>
 </xs:annotation>
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:enumeration value="active"/>
   <xs:enumeration value="inactive"/>
   <xs:enumeration value="deleted"/>
  </xs:restriction>
 </xs:simpleType>
</xs:attribute>
```

element **PERSON/TITLE**

diagram

type restriction of **xs:string**

properties

isRef	0
content	simple
nillable	true

facets

enumeration	Dr
enumeration	Mr
enumeration	Pr
enumeration	Ms
enumeration	Miss

annotation

documentation

Mr, Mrs, Dr, ...

source

```
<xs:element name="TITLE" nillable="true">
 <xs:annotation>
  <xs:documentation>Mr, Mrs, Dr, ...</xs:documentation>
 </xs:annotation>
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:enumeration value="Dr"/>
   <xs:enumeration value="Mr"/>
   <xs:enumeration value="Pr"/>
   <xs:enumeration value="Ms"/>
   <xs:enumeration value="Miss"/>
```

```
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **PERSON/NAME**

diagram

type restriction of **xs:string**

properties
- isRef 0
- content simple
- nillable false

facets
- length 255

annotation
- documentation
  - Name of the person

source

```
<xs:element name="NAME" nillable="false">
  <xs:annotation>
    <xs:documentation>Name of the person </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="255"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **PERSON/SURNAME**

diagram

type **xs:string**

properties
- isRef 0
- content simple

annotation
- documentation
  - Surname of the person

source

```
<xs:element name="SURNAME" type="xs:string">
  <xs:annotation>
```

```
    <xs:documentation>Surname of the person </xs:documentation>
  </xs:annotation>
</xs:element>
```

element **PERSON/PERSONEL_NUMBER**

diagram

properties isRef 0

annotation documentation

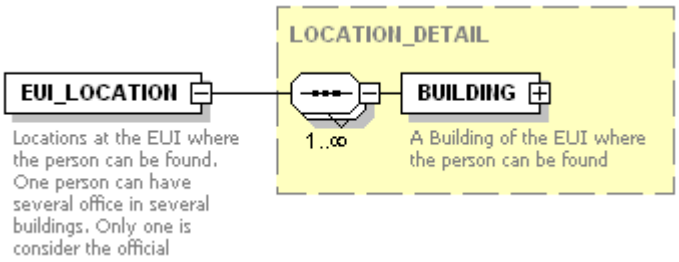
Official personel number

source

```
<xs:element name="PERSONEL_NUMBER">
  <xs:annotation>
    <xs:documentation>Official personel number </xs:documentation>
  </xs:annotation>
</xs:element>
```

element **PERSON/EUI_LOCATION**

diagram



type **LOCATION_DETAIL**

properties isRef 0

content complex

children **BUILDING**

annotation documentation

Locations at the EUI where the person can be found. One person can have several office in several buildings. Only one is consider the official

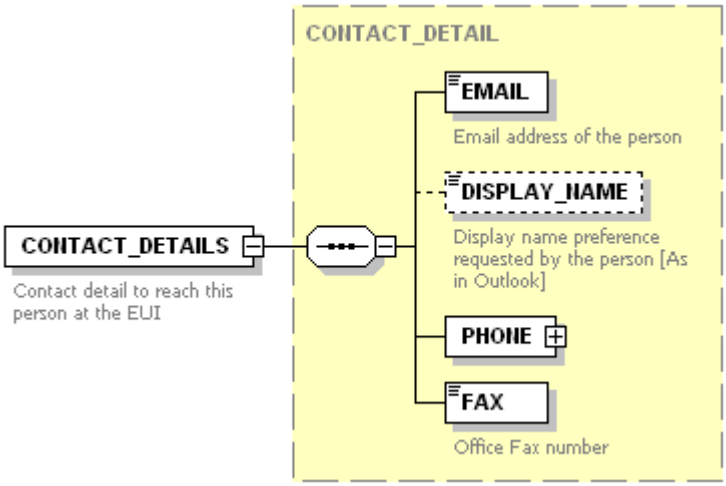
source

```
<xs:element name="EUI_LOCATION" type="LOCATION_DETAIL">
  <xs:annotation>
    <xs:documentation>Locations at the EUI where the person can be found. One person can have several office in several buildings. Only one is consider the official</xs:documentation>
```

```
  </xs:annotation>
</xs:element>
```

element **PERSON/CONTACT_DETAILS**

diagram



type **CONTACT_DETAIL**

properties
- isRef 0
- content complex

children **EMAIL DISPLAY_NAME PHONE FAX**

annotation
documentation

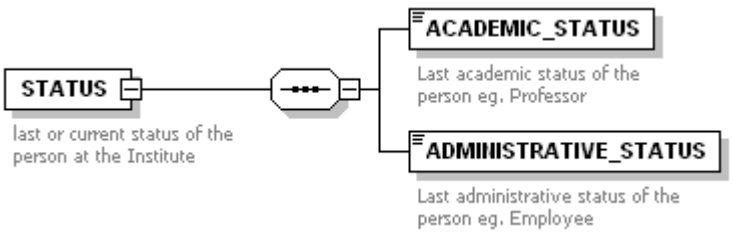
Contact detail to reach this person at the EUI

source

```
<xs:element name="CONTACT_DETAILS" type="CONTACT_DETAIL">
  <xs:annotation>
    <xs:documentation>Contact detail to reach this person at the EUI</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **PERSON/STATUS**

diagram



properties isRef 0

content complex

children **ACADEMIC_STATUS ADMINISTRATIVE_STATUS**

annotation documentation

last or current status of the person at the Institute

source

```
<xs:element name="STATUS">
 <xs:annotation>
  <xs:documentation>last or current status of the person at the Institute</xs:documentation>
 </xs:annotation>
 <xs:complexType>
  <xs:sequence>
   <xs:element name="ACADEMIC_STATUS">
    <xs:annotation>
     <xs:documentation>Last academic status of the person eg. Professor</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="ADMINISTRATIVE_STATUS">
    <xs:annotation>
     <xs:documentation>Last administrative status of the person eg. Employee</xs:documentation>
    </xs:annotation>
   </xs:element>
  </xs:sequence>
 </xs:complexType>
</xs:element>
```

element **PERSON/STATUS/ACADEMIC_STATUS**

diagram

properties isRef 0

annotation documentation

Last academic status of the person eg. Professor

source

```
<xs:element name="ACADEMIC_STATUS">
 <xs:annotation>
  <xs:documentation>Last academic status of the person eg. Professor</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **PERSON/STATUS/ADMINISTRATIVE_STATUS**

diagram

properties isRef 0

annotation documentation

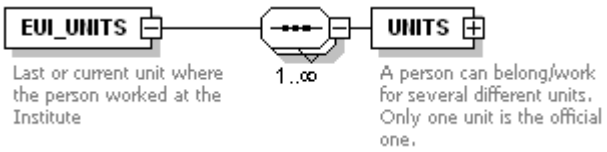
Last administrative status of the person eg. Employee

source

```
<xs:element name="ADMINISTRATIVE_STATUS">
 <xs:annotation>
  <xs:documentation>Last administrative status of the person eg. Employee</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **PERSON/EUI_UNITS**

diagram



properties isRef 0

content complex

children **UNITS**

annotation documentation

Last or current unit where the person worked at the Institute

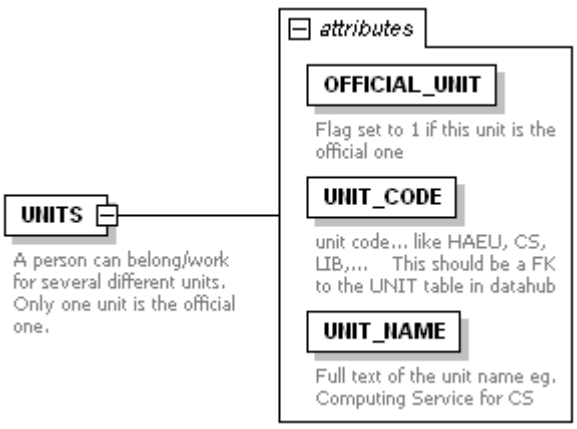
source

```
<xs:element name="EUI_UNITS">
 <xs:annotation>
  <xs:documentation>Last or current unit where the person worked at the Institute</xs:documentation>
 </xs:annotation>
 <xs:complexType>
  <xs:sequence maxOccurs="unbounded">
   <xs:element name="UNITS">
    <xs:annotation>
     <xs:documentation>A person can belong/work for several different units. Only one unit is the official one.  </xs:documentation>
    </xs:annotation>
    <xs:complexType>
     <xs:attribute name="OFFICIAL_UNIT" type="xs:boolean" use="required">
```

```
            <xs:annotation>
              <xs:documentation>Flag set to 1 if this unit is the official one</xs:documentation>
            </xs:annotation>
          </xs:attribute>
          <xs:attribute name="UNIT_CODE" use="required">
            <xs:annotation>
              <xs:documentation>unit code... like HAEU, CS, LIB,...  This should be a FK to the UNIT table in datahub</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:enumeration value="CS"/>
                <xs:enumeration value="HAEU"/>
                <xs:enumeration value="LIB"/>
                <xs:enumeration value="ECO"/>
                <xs:enumeration value="to_be_continue"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:attribute>
          <xs:attribute name="UNIT_NAME" use="required">
            <xs:annotation>
              <xs:documentation>Full text of the unit name eg. Computing Service for CS</xs:documentation>
            </xs:annotation>
          </xs:attribute>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **PERSON/EUI_UNITS/UNITS**

diagram



properties

isRef	0
content	complex

attributes

Name	Type	Use	Default	Fixed	annotation
OFFICIAL_UNIT	**xs:boolean**	required			documentation Flag set to 1 if this unit is the official one
UNIT_CODE	**derived by: xs:string**	required			documentation unit code... like HAEU, CS, LIB,... This should be a FK to the UNIT table in datahub
UNIT_NAME		required			documentation Full text of the unit name eg. Computing Service for CS

annotation

documentation

A person can belong/work for several different units. Only one unit is the official one.

source

```
<xs:element name="UNITS">
 <xs:annotation>
  <xs:documentation>A person can belong/work for several different units. Only one unit is the official one.</xs:documentation>
 </xs:annotation>
 <xs:complexType>
  <xs:attribute name="OFFICIAL_UNIT" type="xs:boolean" use="required">
   <xs:annotation>
    <xs:documentation>Flag set to 1 if this unit is the official one</xs:documentation>
   </xs:annotation>
  </xs:attribute>
  <xs:attribute name="UNIT_CODE" use="required">
   <xs:annotation>
    <xs:documentation>unit code... like HAEU, CS, LIB,... This should be a FK to the UNIT table in datahub</xs:documentation>
   </xs:annotation>
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:enumeration value="CS"/>
     <xs:enumeration value="HAEU"/>
     <xs:enumeration value="LIB"/>
     <xs:enumeration value="ECO"/>
     <xs:enumeration value="to_be_continue"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:attribute>
  <xs:attribute name="UNIT_NAME" use="required">
   <xs:annotation>
    <xs:documentation>Full text of the unit name eg. Computing Service for CS</xs:documentation>
   </xs:annotation>
  </xs:attribute>
 </xs:complexType>
</xs:element>
```

attribute **PERSON/EUI_UNITS/UNITS/@OFFICIAL_UNIT**

type **xs:boolean**

properties
- isRef 0
- use required

annotation documentation

Flag set to 1 if this unit is the official one

source

```
<xs:attribute name="OFFICIAL_UNIT" type="xs:boolean" use="required">
 <xs:annotation>
  <xs:documentation>Flag set to 1 if this unit is the official one</xs:documentation>
 </xs:annotation>
</xs:attribute>
```

attribute **PERSON/EUI_UNITS/UNITS/@UNIT_CODE**

type restriction of **xs:string**

properties
- isRef 0
- use required

facets
- enumeration CS
- enumeration HAEU
- enumeration LIB
- enumeration ECO
- enumeration to_be_continue

annotation documentation

unit code... like HAEU, CS, LIB,...

source

```
<xs:attribute name="UNIT_CODE" use="required">
 <xs:annotation>
  <xs:documentation>unit code... like HAEU, CS, LIB,... </xs:documentation>
 </xs:annotation>
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:enumeration value="CS"/>
   <xs:enumeration value="HAEU"/>
   <xs:enumeration value="LIB"/>
   <xs:enumeration value="ECO"/>
   <xs:enumeration value="to_be_continue"/>
  </xs:restriction>
 </xs:simpleType>
```

```
</xs:attribute>
```

attribute **PERSON/EUI_UNITS/UNITS/@UNIT_NAME**

properties
- isRef 0
- use required

annotation
documentation

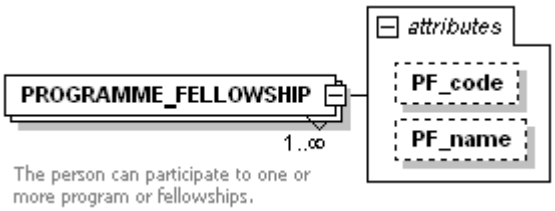
Full text of the unit name eg. Computing Service for CS

source

```
<xs:attribute name="UNIT_NAME" use="required">
 <xs:annotation>
  <xs:documentation>Full text of the unit name eg. Computing Service for CS</xs:documentation>
 </xs:annotation>
</xs:attribute>
```

element **PERSON/PROGRAMME_FELLOWSHIP**

diagram



properties
- isRef 0
- minOcc 1
- maxOcc unbounded
- content complex

attributes

Name	Type	Use	Default	Fixed	annotation
PF_code	**derived by: xs:string**				
PF_name	**derived by: xs:string**				

annotation
documentation

The person can participate to one or more program or fellowships.

source

```
<xs:element name="PROGRAMME_FELLOWSHIP" maxOccurs="unbounded">
 <xs:annotation>
  <xs:documentation>The person can participate to one or more program or fellowships.
</xs:documentation>
 </xs:annotation>
```

```
 <xs:complexType>
  <xs:attribute name="PF_code">
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:length value="80"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:attribute>
  <xs:attribute name="PF_name">
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:length value="255"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:attribute>
 </xs:complexType>
</xs:element>
```

attribute **PERSON/PROGRAMME_FELLOWSHIP/@PF_code**

type restriction of **xs:string**

properties isRef 0

facets length 80

source

```
<xs:attribute name="PF_code">
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:length value="80"/>
  </xs:restriction>
 </xs:simpleType>
</xs:attribute>
```

attribute **PERSON/PROGRAMME_FELLOWSHIP/@PF_name**

type restriction of **xs:string**

properties isRef 0

facets length 255

source

```
<xs:attribute name="PF_name">
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:length value="255"/>
  </xs:restriction>
 </xs:simpleType>
</xs:attribute>
```

element **PERSON/GENDER**

diagram

type restriction of **xs:string**

properties
- isRef 0
- minOcc 0
- maxOcc 1
- content simple
- nillable true

facets
- enumeration M
- enumeration F

annotation documentation

M or F

source

```
<xs:element name="GENDER" nillable="true" minOccurs="0">
 <xs:annotation>
  <xs:documentation>M or F</xs:documentation>
 </xs:annotation>
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:enumeration value="M"/>
   <xs:enumeration value="F"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
```

element **PERSON/LANGUAGE**

diagram

type restriction of **xs:string**

properties
- isRef 0
- minOcc 0
- maxOcc 1

content simple

nillable true

facets length 255

whiteSpace replace

annotation documentation

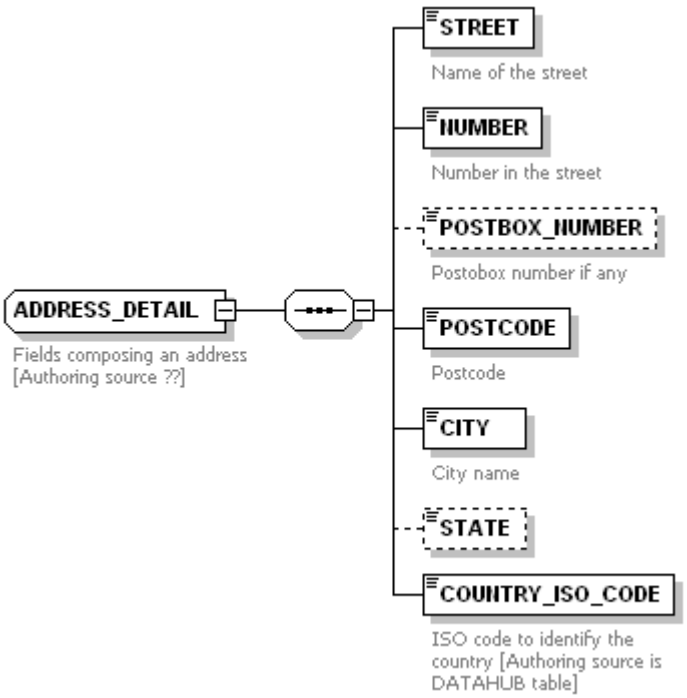
Mother tongue

source

```
<xs:element name="LANGUAGE" nillable="true" minOccurs="0">
 <xs:annotation>
  <xs:documentation>Mother tongue </xs:documentation>
 </xs:annotation>
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:length value="255"/>
   <xs:whiteSpace value="replace"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
```

complexType **ADDRESS_DETAIL**

diagram



children STREET NUMBER POSTBOX_NUMBER POSTCODE CITY STATE COUNTRY_ISO_CODE

annotation documentation

Fields composing an address

source

```
<xs:complexType name="ADDRESS_DETAIL">
 <xs:annotation>
  <xs:documentation>Fields composing an address xs:documentation>
 </xs:annotation>
 <xs:sequence>
  <xs:element name="STREET">
   <xs:annotation>
    <xs:documentation>Name of the street</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="NUMBER">
   <xs:annotation>
    <xs:documentation>Number in the street</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="POSTBOX_NUMBER" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Postbox number if any</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="POSTCODE">
   <xs:annotation>
    <xs:documentation>Postcode</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="CITY">
   <xs:annotation>
    <xs:documentation>City name</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="STATE" minOccurs="0"/>
  <xs:element name="COUNTRY_ISO_CODE">
   <xs:annotation>
    <xs:documentation>ISO code to identify the country </xs:documentation>
   </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

element **ADDRESS_DETAIL/STREET**

diagram

properties isRef 0

annotation documentation

Name of the street

source

```
<xs:element name="STREET">
  <xs:annotation>
    <xs:documentation>Name of the street</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **ADDRESS_DETAIL/NUMBER**

diagram

properties

isRef 0

annotation

documentation

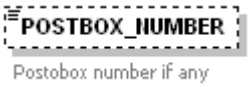
Number in the street

source

```
<xs:element name="NUMBER">
  <xs:annotation>
    <xs:documentation>Number in the street</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **ADDRESS_DETAIL/POSTBOX_NUMBER**

diagram



properties

isRef 0

minOcc 0

maxOcc 1

annotation

documentation

Postobox number if any

source

```
<xs:element name="POSTBOX_NUMBER" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Postbox number if any</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **ADDRESS_DETAIL/POSTCODE**

diagram

properties isRef 0

annotation documentation

Postcode

source
```
<xs:element name="POSTCODE">
  <xs:annotation>
    <xs:documentation>Postcode</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **ADDRESS_DETAIL/CITY**

diagram

properties isRef 0

annotation documentation

City name

source
```
<xs:element name="CITY">
  <xs:annotation>
    <xs:documentation>City name</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **ADDRESS_DETAIL/STATE**

diagram

properties isRef 0

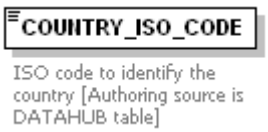
minOcc 0

maxOcc 1

source
```
<xs:element name="STATE" minOccurs="0"/>
```

element **ADDRESS_DETAIL/COUNTRY_ISO_CODE**

diagram



properties isRef 0

annotation documentation

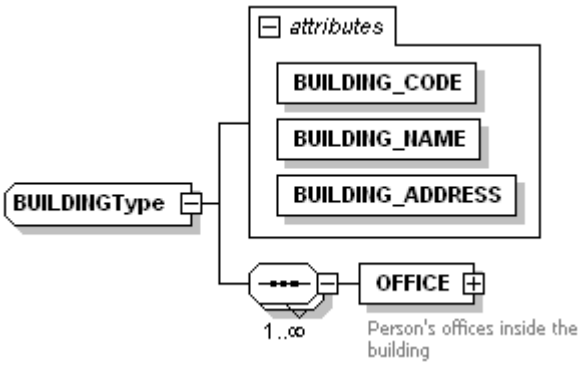
ISO code to identify the country [Authoring source is DATAHUB table]

source

```
<xs:element name="COUNTRY_ISO_CODE">
  <xs:annotation>
    <xs:documentation>ISO code to identify the country </xs:documentation>
  </xs:annotation>
</xs:element>
```

complexType **BUILDINGType**

diagram



children **OFFICE**

used by element **LOCATION_DETAIL/BUILDING**

attributes

Name	Type	Use	Default	Fixed	annotation
BUILDING_CODE		required			
BUILDING_NAME	**xs:string**	required			
BUILDING_ADDRESS		required			

source

```
<xs:complexType name="BUILDINGType">
  <xs:sequence maxOccurs="unbounded">
```

```
    <xs:element name="OFFICE">
      <xs:annotation>
        <xs:documentation>Person's offices inside the building </xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:attribute name="MAIN_OFFICE" type="xs:boolean" use="required">
          <xs:annotation>
            <xs:documentation>Flag set to 1 if the office is consider as the main office of the person
</xs:documentation>
          </xs:annotation>
        </xs:attribute>
        <xs:attribute name="ROOM_CODE" use="required">
          <xs:annotation>
            <xs:documentation>Code of the room eg: CA0025</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:pattern value="[a-z]+ [0-9]+ \d"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:attribute>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
  <xs:attribute name="BUILDING_CODE" use="required"/>
  <xs:attribute name="BUILDING_NAME" type="xs:string" use="required"/>
  <xs:attribute name="BUILDING_ADDRESS" use="required"/>
</xs:complexType>
```

attribute **BUILDINGType/@BUILDING_CODE**

properties
- isRef 0
- use required

source

```
<xs:attribute name="BUILDING_CODE" use="required"/>
```

attribute **BUILDINGType/@BUILDING_NAME**

type **xs:string**

properties
- isRef 0
- use required

source

```
<xs:attribute name="BUILDING_NAME" type="xs:string" use="required"/>
```

attribute **BUILDINGType/@BUILDING_ADDRESS**

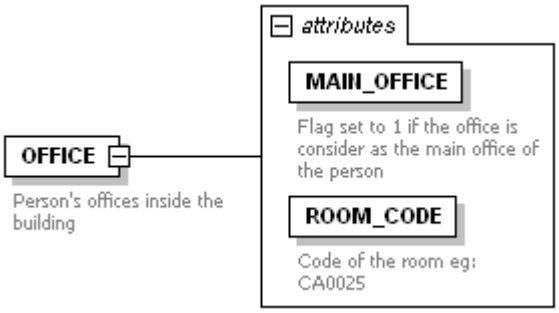
properties
- isRef 0
- use required

source

```
<xs:attribute name="BUILDING_ADDRESS" use="required"/>
```

element **BUILDINGType/OFFICE**

diagram



properties
- isRef 0
- content complex

attributes

Name	Type	Use	Default	Fixed	annotation
MAIN_OFFICE	**xs:boolean**	required			documentation: Flag set to 1 if the office is consider as the main office of the person
ROOM_CODE	**derived by: xs:string**	required			documentation: Code of the room eg: CA0025

annotation

documentation

Person's offices inside the building

source

```
<xs:element name="OFFICE">
 <xs:annotation>
  <xs:documentation>Person's offices inside the building </xs:documentation>
 </xs:annotation>
 <xs:complexType>
  <xs:attribute name="MAIN_OFFICE" type="xs:boolean" use="required">
```

```
      <xs:annotation>
        <xs:documentation>Flag set to 1 if the office is consider as the main office of the
person</xs:documentation>
      </xs:annotation>
    </xs:attribute>
    <xs:attribute name="ROOM_CODE" use="required">
      <xs:annotation>
        <xs:documentation>Code of the room eg: CA0025</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:pattern value="[a-z]+ [0-9]+ \d"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
  </xs:complexType>
</xs:element>
```

attribute **BUILDINGType/OFFICE/@MAIN_OFFICE**

type **xs:boolean**

properties
- isRef 0
- use required

annotation documentation

Flag set to 1 if the office is consider as the main office of the person

source

```
<xs:attribute name="MAIN_OFFICE" type="xs:boolean" use="required">
  <xs:annotation>
    <xs:documentation>Flag set to 1 if the office is consider as the main office of the person
</xs:documentation>
  </xs:annotation>
</xs:attribute>
```

attribute **BUILDINGType/OFFICE/@ROOM_CODE**

type restriction of **xs:string**

properties
- isRef 0
- use required

facets
- pattern [a-z]+ [0-9]+ \d

annotation documentation

Code of the room eg: CA0025

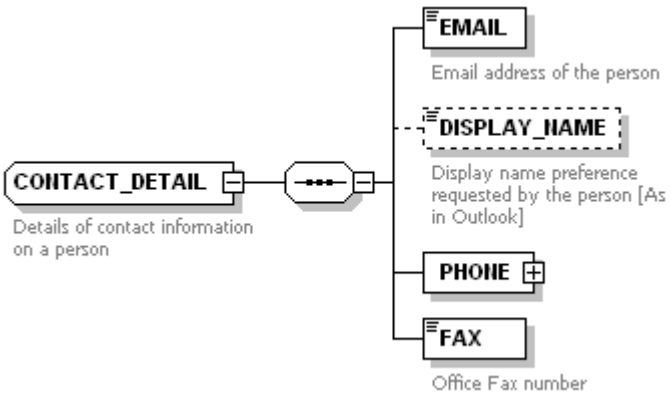
source

```
<xs:attribute name="ROOM_CODE" use="required">
```

```
  <xs:annotation>
    <xs:documentation>Code of the room eg: CA0025</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:pattern value="[a-z]+ [0-9]+ \d"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

complexType **CONTACT_DETAIL**

diagram



children **EMAIL** **DISPLAY_NAME** **PHONE** **FAX**

used by element **PERSON/CONTACT_DETAILS**

annotation documentation

Details of contact information on a person

source

```
<xs:complexType name="CONTACT_DETAIL">
  <xs:annotation>
    <xs:documentation>Details of contact information on a person</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="EMAIL">
      <xs:annotation>
        <xs:documentation>Email address of the person </xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="200"/>
          <xs:whiteSpace value="collapse"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="DISPLAY_NAME" minOccurs="0">
      <xs:annotation>
```

```
        <xs:documentation>Display name preference requested by the person [As in Outlook]</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="PHONE">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="OFFICE_PHONE" maxOccurs="unbounded">
            <xs:annotation>
              <xs:documentation>A Person can have several phone numbers</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="MOBILE_PHONE" minOccurs="0">
            <xs:annotation>
              <xs:documentation>EUI mobile phone or personal mobile phone</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="OTHER_PERSONAL_PHONE" minOccurs="0">
            <xs:annotation>
              <xs:documentation>[Authoring source?]</xs:documentation>
            </xs:annotation>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="FAX">
      <xs:annotation>
        <xs:documentation>Office Fax number </xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

element **CONTACT_DETAIL/EMAIL**

diagram

type restriction of **xs:string**

properties
- isRef 0
- content simple

facets
- minLength 1
- maxLength 200
- whiteSpace collapse

annotation
- documentation

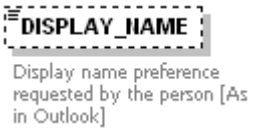
Email address of the person

source

```
<xs:element name="EMAIL">
 <xs:annotation>
  <xs:documentation>Email address of the person </xs:documentation>
 </xs:annotation>
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:minLength value="1"/>
   <xs:maxLength value="200"/>
   <xs:whiteSpace value="collapse"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
```

element **CONTACT_DETAIL/DISPLAY_NAME**

diagram



properties

isRef	0
minOcc	0
maxOcc	1

annotation

documentation

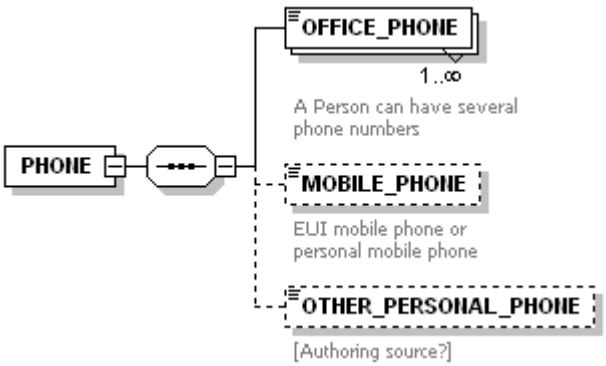
Display name preference requested by the person [As in Outlook]

source

```
<xs:element name="DISPLAY_NAME" minOccurs="0">
 <xs:annotation>
  <xs:documentation>Display name preference requested by the person [As in Outlook]</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **CONTACT_DETAIL/PHONE**

diagram



properties

isRef	0
content	complex

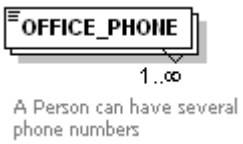
children OFFICE_PHONE MOBILE_PHONE OTHER_PERSONAL_PHONE

source

```
<xs:element name="PHONE">
 <xs:complexType>
  <xs:sequence>
   <xs:element name="OFFICE_PHONE" maxOccurs="unbounded">
    <xs:annotation>
     <xs:documentation>A Person can have several phone numbers</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="MOBILE_PHONE" minOccurs="0">
    <xs:annotation>
     <xs:documentation>EUI mobile phone or personal mobile phone</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="OTHER_PERSONAL_PHONE" minOccurs="0">
    <xs:annotation>
     <xs:documentation>[Authoring source?]</xs:documentation>
    </xs:annotation>
   </xs:element>
  </xs:sequence>
 </xs:complexType>
</xs:element>
```

element **CONTACT_DETAIL/PHONE/OFFICE_PHONE**

diagram



properties

isRef	0
minOcc	1
maxOcc	unbounded

annotation

documentation

A Person can have several phone numbers

source

```
<xs:element name="OFFICE_PHONE" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>A Person can have several phone numbers</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **CONTACT_DETAIL/PHONE/MOBILE_PHONE**

diagram

properties

isRef	0
minOcc	0
maxOcc	1

annotation

documentation

EUI mobile phone or personal mobile phone

source

```
<xs:element name="MOBILE_PHONE" minOccurs="0">
  <xs:annotation>
    <xs:documentation>EUI mobile phone or personal mobile phone</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **CONTACT_DETAIL/PHONE/OTHER_PERSONAL_PHONE**

diagram

properties

isRef	0
minOcc	0
maxOcc	1

annotation

documentation

[Authoring source?]

source

```
<xs:element name="OTHER_PERSONAL_PHONE" minOccurs="0">
  <xs:annotation>
    <xs:documentation>[Authoring source?]</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **CONTACT_DETAIL/FAX**

diagram

properties

isRef	0

annotation

documentation

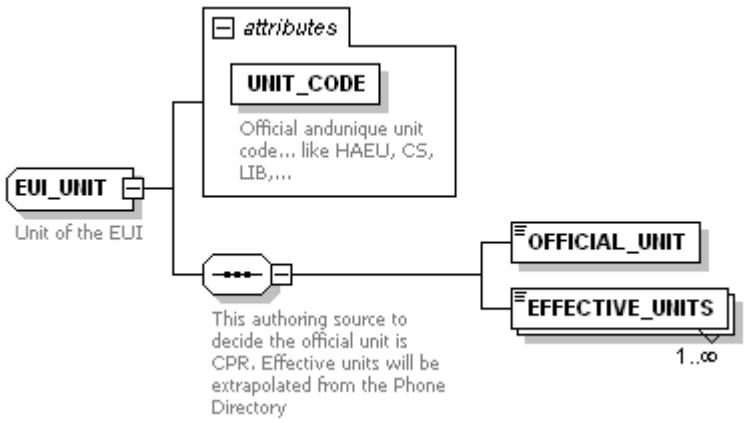
Office Fax number

source

```
<xs:element name="FAX">
  <xs:annotation>
    <xs:documentation>Office Fax number </xs:documentation>
  </xs:annotation>
</xs:element>
```

complexType **EUI_UNIT**

diagram



children **OFFICIAL_UNIT** **EFFECTIVE_UNITS**

attributes

Name	Type	Use	Default	Fixed	annotation
UNIT_CODE		required			documentation: Official andunique unit code... like HAEU, CS, LIB,...

annotation

documentation

Unit of the EUI

source

```
<xs:complexType name="EUI_UNIT">
 <xs:annotation>
  <xs:documentation>Unit of the EUI</xs:documentation>
 </xs:annotation>
 <xs:sequence>
  <xs:annotation>
   <xs:documentation>This authoring source to decide the official unit is CPR. Effective units will be extrapolated from the Phone Directory</xs:documentation>
  </xs:annotation>
  <xs:element name="OFFICIAL_UNIT"/>
  <xs:element name="EFFECTIVE_UNITS" maxOccurs="unbounded"/>
 </xs:sequence>
 <xs:attribute name="UNIT_CODE" use="required">
  <xs:annotation>
   <xs:documentation>Official andunique unit code... like HAEU, CS, LIB,... </xs:documentation>
  </xs:annotation>
 </xs:attribute>
</xs:complexType>
```

attribute **EUI_UNIT/@UNIT_CODE**

properties
- isRef 0
- use required

annotation
documentation

Official andunique unit code... like HAEU, CS, LIB,...

source

```
<xs:attribute name="UNIT_CODE" use="required">
  <xs:annotation>
    <xs:documentation>Official andunique unit code... like HAEU, CS, LIB,... </xs:documentation>
  </xs:annotation>
</xs:attribute>
```

element **EUI_UNIT/OFFICIAL_UNIT**

diagram

properties
- isRef 0

source

```
<xs:element name="OFFICIAL_UNIT"/>
```

element **EUI_UNIT/EFFECTIVE_UNITS**

diagram

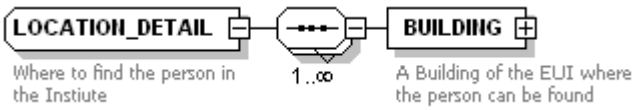
properties
- isRef 0
- minOcc 1
- maxOcc unbounded

source

```
<xs:element name="EFFECTIVE_UNITS" maxOccurs="unbounded"/>
```

complexType **LOCATION_DETAIL**

diagram



children **BUILDING**

used by element **PERSON/EUI_LOCATION**

annotation documentation

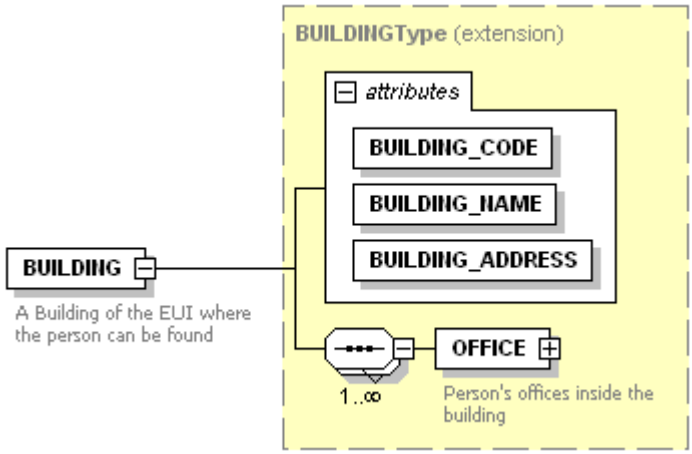
Where to find the person in the Instiute

source

```
<xs:complexType name="LOCATION_DETAIL">
 <xs:annotation>
  <xs:documentation>Where to find the person in the Institute</xs:documentation>
 </xs:annotation>
 <xs:sequence maxOccurs="unbounded">
  <xs:element name="BUILDING">
   <xs:annotation>
    <xs:documentation>A Building of the EUI where the person can be found </xs:documentation>
   </xs:annotation>
   <xs:complexType>
    <xs:complexContent>
     <xs:extension base="BUILDINGType"/>
    </xs:complexContent>
   </xs:complexType>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

element **LOCATION_DETAIL/BUILDING**

diagram



type extension of **BUILDINGType**

properties
- isRef 0
- content complex

children **OFFICE**

attributes

Name	Type	Use	Default	Fixed	annotation
BUILDING_CODE		required			
BUILDING_NAME	**xs:string**	required			
BUILDING_ADDRESS		required			

annotation

documentation

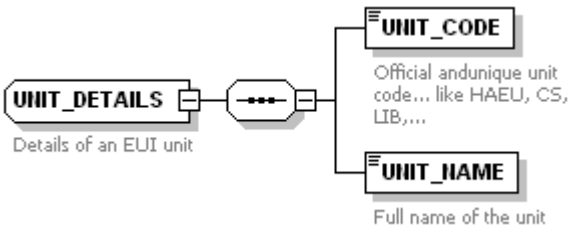
A Building of the EUI where the person can be found

source

```
<xs:element name="BUILDING">
 <xs:annotation>
  <xs:documentation>A Building of the EUI where the person can be found </xs:documentation>
 </xs:annotation>
 <xs:complexType>
  <xs:complexContent>
   <xs:extension base="BUILDINGType"/>
  </xs:complexContent>
 </xs:complexType>
</xs:element>
```

complexType **UNIT_DETAILS**

diagram



children **UNIT_CODE** **UNIT_NAME**

annotation documentation

Details of an EUI unit

source

```
<xs:complexType name="UNIT_DETAILS">
 <xs:annotation>
  <xs:documentation>Details of an EUI unit</xs:documentation>
 </xs:annotation>
 <xs:sequence>
  <xs:element name="UNIT_CODE" type="xs:anySimpleType">
   <xs:annotation>
    <xs:documentation>Official andunique unit code... like HAEU, CS, LIB,... </xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="UNIT_NAME" type="xs:string">
   <xs:annotation>
    <xs:documentation>Full name of the unit</xs:documentation>
   </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

element **UNIT_DETAILS/UNIT_CODE**

diagram

type **xs:anySimpleType**

properties isRef 0

content simple

annotation documentation

Official andunique unit code... like HAEU, CS, LIB,...

source

```
<xs:element name="UNIT_CODE" type="xs:anySimpleType">
  <xs:annotation>
    <xs:documentation>Official andunique unit code... like HAEU, CS, LIB,... </xs:documentation>
  </xs:annotation>
</xs:element>
```

element **UNIT_DETAILS/UNIT_NAME**

diagram

type **xs:string**

properties

isRef	0
content	simple

annotation

documentation

Full name of the unit

source

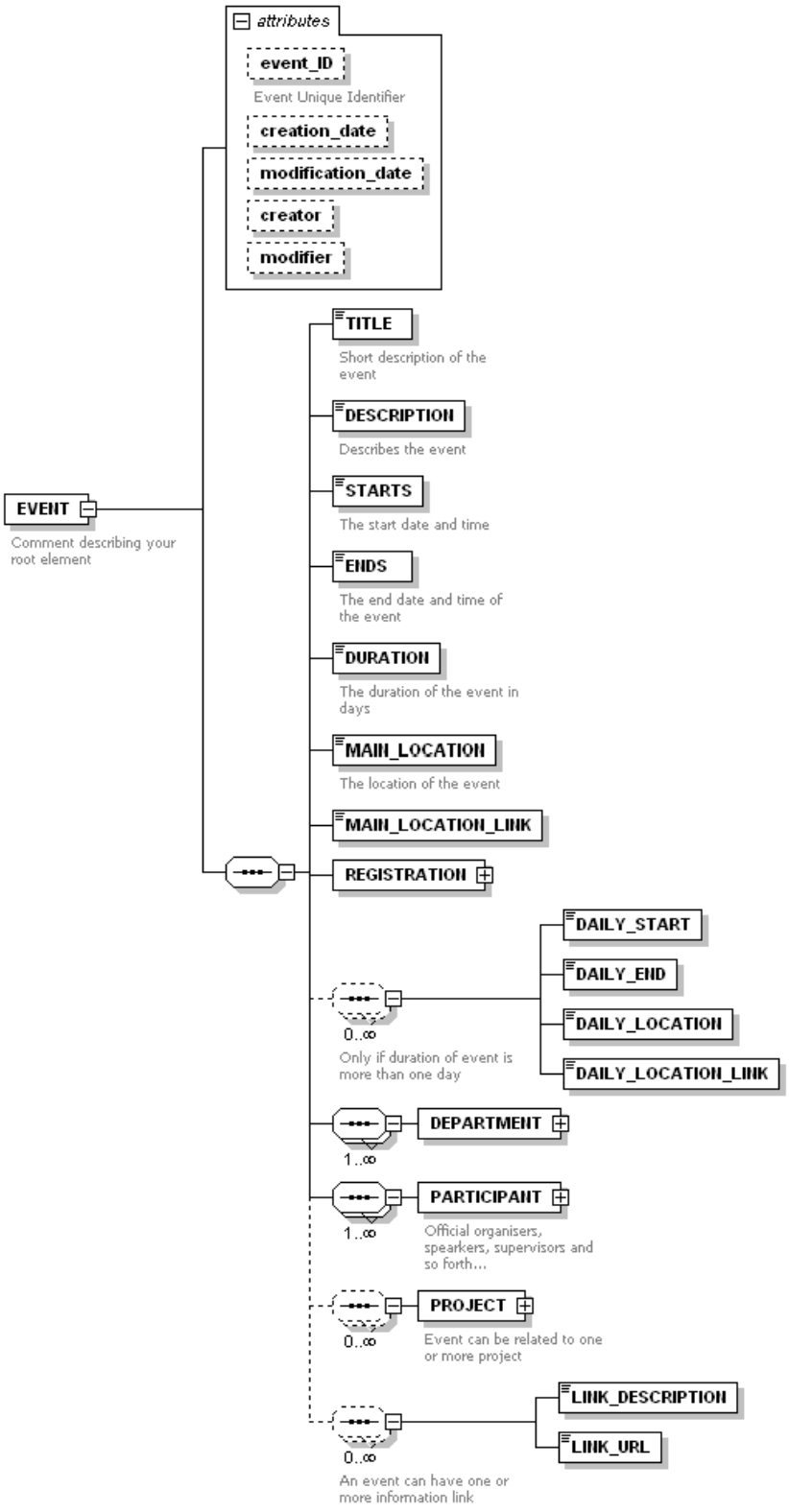
```
<xs:element name="UNIT_NAME" type="xs:string">
  <xs:annotation>
    <xs:documentation>Full name of the unit</xs:documentation>
  </xs:annotation>
</xs:element>
```

II.1.2 DATA TO BE USED FOR THE EVENTS CALENDAR

Schema **event.xsd**

element **EVENT**

diagram



properties content complex

children TITLE DESCRIPTION STARTS ENDS DURATION MAIN_LOCATION MAIN_LOCATION_LINK REGISTRATION DAILY_START DAILY_END DAILY_LOCATION DAILY_LOCATION_LINK DEPARTMENT PARTICIPANT PROJECT LINK_DESCRIPTION LINK_URL

attributes

Name	Type	Use	Default	Fixed	annotation
event_ID	**xs:integer**				documentation Event Unique Identifier
creation_date	**xs:dateTime**				
modification_date	**xs:dateTime**				
creator	**derived by: xs:string**				
modifier	**derived by: xs:string**				

annotation documentation

Comment describing your root element

source

```
<xs:element name="EVENT">
 <xs:annotation>
  <xs:documentation>Comment describing your root element</xs:documentation>
 </xs:annotation>
 <xs:complexType>
  <xs:sequence>
   <xs:element name="TITLE">
    <xs:annotation>
     <xs:documentation>Short description of the event</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:length value="280"/>
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
   <xs:element name="DESCRIPTION">
    <xs:annotation>
     <xs:documentation>Describes the event</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:length value="3000"/>
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
   <xs:element name="STARTS" type="xs:dateTime" nillable="false">
    <xs:annotation>
     <xs:documentation>The start date and time</xs:documentation>
    </xs:annotation>
   </xs:element>
```

```
<xs:element name="ENDS" type="xs:dateTime" nillable="false">
 <xs:annotation>
  <xs:documentation>The end date and time of the event</xs:documentation>
 </xs:annotation>
</xs:element>
<xs:element name="DURATION" type="xs:integer" nillable="false">
 <xs:annotation>
  <xs:documentation>The duration of the event in days</xs:documentation>
 </xs:annotation>
</xs:element>
<xs:element name="MAIN_LOCATION">
 <xs:annotation>
  <xs:documentation>The location of the event</xs:documentation>
 </xs:annotation>
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:length value="50"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
<xs:element name="MAIN_LOCATION_LINK">
 <xs:simpleType>
  <xs:restriction base="xs:anyURI">
   <xs:length value="255"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
<xs:element name="REGISTRATION">
 <xs:complexType>
  <xs:sequence minOccurs="0">
   <xs:annotation>
    <xs:documentation>If registration is active only</xs:documentation>
   </xs:annotation>
   <xs:element name="DATE_START_REGISTRATION" type="xs:dateTime">
    <xs:annotation>
     <xs:documentation>The registration form must be display from this
date</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="DATE_END_REGISTRATION" type="xs:dateTime">
    <xs:annotation>
     <xs:documentation>The registration form must be display to that date and then should be
automatically removed</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="FEE" type="xs:decimal">
    <xs:annotation>
     <xs:documentation>Registration fee(in €)</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="REGISTRATION_TEXT">
    <xs:annotation>
     <xs:documentation>Free text explnataion on the regsitration</xs:documentation>
    </xs:annotation>
```

```
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="1024"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
        <xs:attribute name="is_active" type="xs:boolean" use="required">
          <xs:annotation>
            <xs:documentation>if true then registration is active for this event</xs:documentation>
          </xs:annotation>
        </xs:attribute>
      </xs:complexType>
    </xs:element>
    <xs:sequence minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Only if duration of event is more than one day</xs:documentation>
      </xs:annotation>
      <xs:element name="DAILY_START" type="xs:dateTime"/>
      <xs:element name="DAILY_END" type="xs:dateTime"/>
      <xs:element name="DAILY_LOCATION"/>
      <xs:element name="DAILY_LOCATION_LINK" type="xs:anyURI" nillable="true"/>
    </xs:sequence>
    <xs:sequence maxOccurs="unbounded">
      <xs:element name="DEPARTMENT">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="DEPT_NAME" type="xs:string"/>
          </xs:sequence>
          <xs:attribute name="DEPT_ID" type="xs:ID" use="required"/>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
    <xs:sequence maxOccurs="unbounded">
      <xs:element name="PARTICIPANT">
        <xs:annotation>
          <xs:documentation>Official organisers, spearkers, supervisors and so
forth...</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="PERSON_FULLNAME">
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:length value="255"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="PERSON_ROLE">
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:enumeration value="Speaker"/>
                  <xs:enumeration value="Organiser"/>
                  <xs:enumeration value="Defendant"/>
```

```
                <xs:enumeration value="Supervisor"/>
                <xs:enumeration value="..."/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
        <xs:attribute name="PERSON_ID" type="xs:integer" use="required"/>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
  <xs:sequence minOccurs="0" maxOccurs="unbounded">
    <xs:element name="PROJECT">
      <xs:annotation>
        <xs:documentation>Event can be related to one or more project</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element name="PROJECT_NAME">
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="100"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="PROJECT_DESCRIPTION">
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="500"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="PROJECT_URL" type="xs:anyURI"/>
        </xs:sequence>
        <xs:attribute name="Project_id" type="xs:integer" use="required"/>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
  <xs:sequence minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
      <xs:documentation>An event can have one or more information link</xs:documentation>
    </xs:annotation>
    <xs:element name="LINK_DESCRIPTION">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="100"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="LINK_URL" type="xs:string"/>
  </xs:sequence>
</xs:sequence>
<xs:attribute name="event_ID" type="xs:integer">
  <xs:annotation>
    <xs:documentation>Event Unique Identifier</xs:documentation>
```

```
    </xs:annotation>
   </xs:attribute>
   <xs:attribute name="creation_date" type="xs:dateTime"/>
   <xs:attribute name="modification_date" type="xs:dateTime"/>
   <xs:attribute name="creator">
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:length value="10"/>
     </xs:restriction>
    </xs:simpleType>
   </xs:attribute>
   <xs:attribute name="modifier">
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:length value="10"/>
     </xs:restriction>
    </xs:simpleType>
   </xs:attribute>
  </xs:complexType>
</xs:element>
```

attribute **EVENT/@event_ID**

type **xs:integer**

properties isRef 0

annotation documentation

Event Unique Identifier

source

```
<xs:attribute name="event_ID" type="xs:integer">
 <xs:annotation>
  <xs:documentation>Event Unique Identifier</xs:documentation>
 </xs:annotation>
</xs:attribute>
```

attribute **EVENT/@creation_date**

type **xs:dateTime**

properties isRef 0

source

```
<xs:attribute name="creation_date" type="xs:dateTime"/>
```

attribute **EVENT/@modification_date**

type **xs:dateTime**

properties isRef 0

source
```
<xs:attribute name="modification_date" type="xs:dateTime"/>
```

attribute **EVENT/@creator**

type restriction of **xs:string**

properties isRef 0

facets length 10

source
```
<xs:attribute name="creator">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="10"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

attribute **EVENT/@modifier**

type restriction of **xs:string**

properties isRef 0

facets length 10

source
```
<xs:attribute name="modifier">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="10"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

element **EVENT/TITLE**

diagram

type restriction of **xs:string**

properties
- isRef 0
- content simple

facets
- length 280

annotation documentation

Short description of the event

source

```
<xs:element name="TITLE">
  <xs:annotation>
    <xs:documentation>Short description of the event</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="280"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **EVENT/DESCRIPTION**

diagram

type restriction of **xs:string**

properties
- isRef 0
- content simple

facets
- length 3000

annotation documentation

Describes the event

source

```
<xs:element name="DESCRIPTION">
  <xs:annotation>
    <xs:documentation>Describes the event</xs:documentation>
  </xs:annotation>
```

```
  <xs:simpleType>
   <xs:restriction base="xs:string">
    <xs:length value="3000"/>
   </xs:restriction>
  </xs:simpleType>
 </xs:element>
```

element **EVENT/STARTS**

diagram

type **xs:dateTime**

properties
- isRef 0
- content simple
- nillable false

annotation
documentation

The start date and time

source

```
<xs:element name="STARTS" type="xs:dateTime" nillable="false">
 <xs:annotation>
  <xs:documentation>The start date and time</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **EVENT/ENDS**

diagram

type **xs:dateTime**

properties
- isRef 0
- content simple
- nillable false

annotation
documentation

The end date and time of the event

source

```
<xs:element name="ENDS" type="xs:dateTime" nillable="false">
 <xs:annotation>
  <xs:documentation>The end date and time of the event</xs:documentation>
```

```
  </xs:annotation>
</xs:element>
```

element **EVENT/DURATION**

diagram

type **xs:integer**

properties
- isRef 0
- content simple
- nillable false

annotation documentation

The duration of the event in days

source

```
<xs:element name="DURATION" type="xs:integer" nillable="false">
  <xs:annotation>
    <xs:documentation>The duration of the event in days</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **EVENT/MAIN_LOCATION**

diagram

type restriction of **xs:string**

properties
- isRef 0
- content simple

facets
- length 50

annotation documentation

The location of the event

source

```
<xs:element name="MAIN_LOCATION">
  <xs:annotation>
    <xs:documentation>The location of the event</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="50"/>
```

```
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **EVENT/MAIN_LOCATION_LINK**

diagram

type restriction of **xs:anyURI**

properties
- isRef 0
- content simple

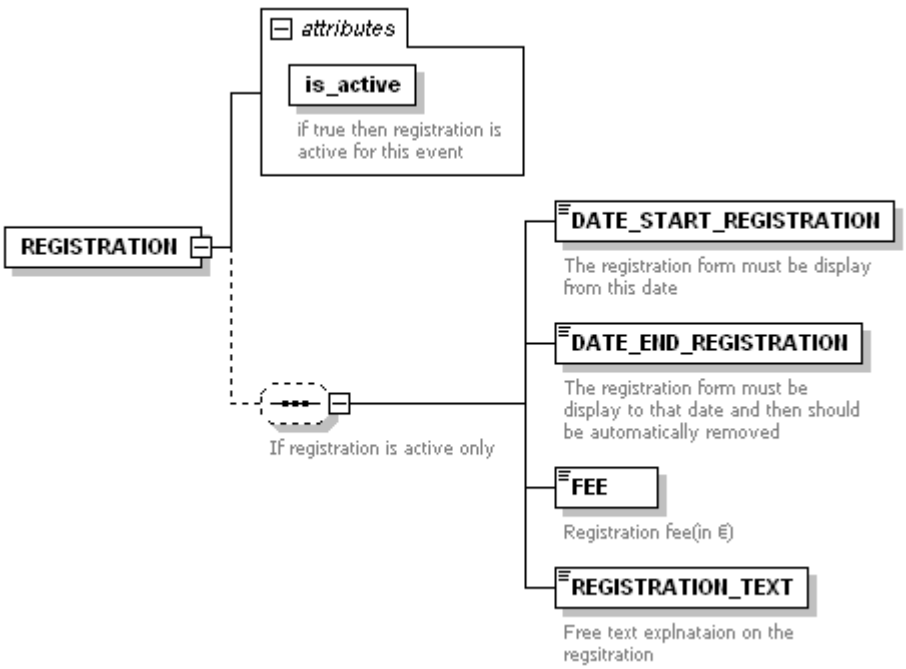
facets
- length 255

source

```
<xs:element name="MAIN_LOCATION_LINK">
  <xs:simpleType>
    <xs:restriction base="xs:anyURI">
      <xs:length value="255"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **EVENT/REGISTRATION**

diagram



properties
isRef 0
content complex

children DATE_START_REGISTRATION DATE_END_REGISTRATION FEE REGISTRATION_TEXT

attributes

Name	Type	Use	Default	Fixed	annotation
is_active	**xs:boolean**	required			documentation: if true then registration is active for this event

source

```
<xs:element name="REGISTRATION">
 <xs:complexType>
  <xs:sequence minOccurs="0">
   <xs:annotation>
    <xs:documentation>If registration is active only</xs:documentation>
   </xs:annotation>
   <xs:element name="DATE_START_REGISTRATION" type="xs:dateTime">
    <xs:annotation>
     <xs:documentation>The registration form must be display from this date</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="DATE_END_REGISTRATION" type="xs:dateTime">
    <xs:annotation>
     <xs:documentation>The registration form must be display to that date and then should be
automatically removed</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="FEE" type="xs:decimal">
    <xs:annotation>
     <xs:documentation>Registration fee(in €)</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="REGISTRATION_TEXT">
    <xs:annotation>
     <xs:documentation>Free text explnataion on the regsitration</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:length value="1024"/>
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
  </xs:sequence>
  <xs:attribute name="is_active" type="xs:boolean" use="required">
   <xs:annotation>
    <xs:documentation>if true then registration is active for this event</xs:documentation>
   </xs:annotation>
  </xs:attribute>
 </xs:complexType>
</xs:element>
```

attribute **EVENT/REGISTRATION/@is_active**

type **xs:boolean**

properties
- isRef 0
- use required

annotation
documentation

if true then registration is active for this event

source

```
<xs:attribute name="is_active" type="xs:boolean" use="required">
 <xs:annotation>
  <xs:documentation>if true then registration is active for this event</xs:documentation>
 </xs:annotation>
</xs:attribute>
```

element **EVENT/REGISTRATION/DATE_START_REGISTRATION**

diagram

type **xs:dateTime**

properties
- isRef 0
- content simple

annotation
documentation

The registration form must be display from this date

source

```
<xs:element name="DATE_START_REGISTRATION" type="xs:dateTime">
 <xs:annotation>
  <xs:documentation>The registration form must be display from this date</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **EVENT/REGISTRATION/DATE_END_REGISTRATION**

diagram

type **xs:dateTime**

properties isRef 0

content simple

annotation documentation

The registration form must be display to that date and then should be automatically removed

source

```
<xs:element name="DATE_END_REGISTRATION" type="xs:dateTime">
 <xs:annotation>
  <xs:documentation>The registration form must be display to that date and then should be automatically removed</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **EVENT/REGISTRATION/FEE**

diagram

type **xs:decimal**

properties isRef 0

content simple

annotation documentation

Registration fee(in €)

source

```
<xs:element name="FEE" type="xs:decimal">
 <xs:annotation>
  <xs:documentation>Registration fee(in €)</xs:documentation>
 </xs:annotation>
</xs:element>
```

element **EVENT/REGISTRATION/REGISTRATION_TEXT**

diagram

type restriction of **xs:string**

properties isRef 0

content simple

facets length 1024

annotation documentation

Free text explnataion on the regsitration

source

```
<xs:element name="REGISTRATION_TEXT">
 <xs:annotation>
  <xs:documentation>Free text explnataion on the regsitration</xs:documentation>
 </xs:annotation>
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:length value="1024"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
```

element **EVENT/DAILY_START**

diagram 

type **xs:dateTime**

properties isRef 0

content simple

source

```
<xs:element name="DAILY_START" type="xs:dateTime"/>
```

element **EVENT/DAILY_END**

diagram 

type **xs:dateTime**

properties isRef 0

content simple

source

```
<xs:element name="DAILY_END" type="xs:dateTime"/>
```

element **EVENT/DAILY_LOCATION**

diagram 

properties isRef 0

source
```
<xs:element name="DAILY_LOCATION"/>
```

element **EVENT/DAILY_LOCATION_LINK**

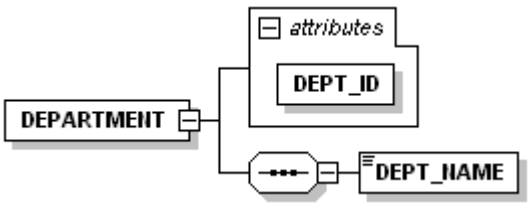
diagram 

type **xs:anyURI**

properties isRef 0
content simple
nillable true

source
```
<xs:element name="DAILY_LOCATION_LINK" type="xs:anyURI" nillable="true"/>
```

element **EVENT/DEPARTMENT**

diagram 

properties isRef 0
content complex

children **DEPT_NAME**

attributes

Name	Type	Use	Default	Fixed	annotation
DEPT_ID	**xs:ID**	required			

source
```
<xs:element name="DEPARTMENT">
 <xs:complexType>
  <xs:sequence>
   <xs:element name="DEPT_NAME" type="xs:string"/>
```

```
    </xs:sequence>
    <xs:attribute name="DEPT_ID" type="xs:ID" use="required"/>
  </xs:complexType>
</xs:element>
```

attribute **EVENT/DEPARTMENT/@DEPT_ID**

type **xs:ID**

properties
- isRef 0
- use required

source
```
<xs:attribute name="DEPT_ID" type="xs:ID" use="required"/>
```

element **EVENT/DEPARTMENT/DEPT_NAME**

diagram

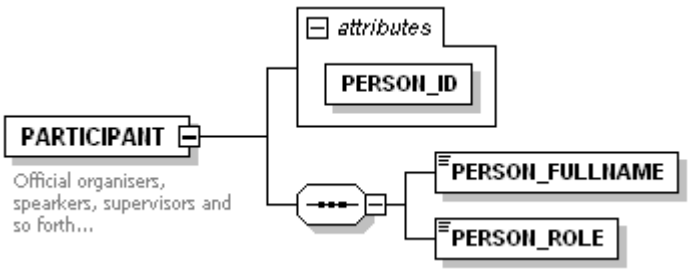
type **xs:string**

properties
- isRef 0
- content simple

source
```
<xs:element name="DEPT_NAME" type="xs:string"/>
```

element **EVENT/PARTICIPANT**

diagram



properties
- isRef 0
- content complex

children PERSON_FULLNAME PERSON_ROLE

attributes

Name	Type	Use	Default	Fixed	annotation

PERSON_ID **xs:integer** required

annotation documentation

Official organisers, spearkers, supervisors and so forth...

source

```
<xs:element name="PARTICIPANT">
 <xs:annotation>
  <xs:documentation>Official organisers, spearkers, supervisors and so forth...</xs:documentation>
 </xs:annotation>
 <xs:complexType>
  <xs:sequence>
   <xs:element name="PERSON_FULLNAME">
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:length value="255"/>
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
   <xs:element name="PERSON_ROLE">
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:enumeration value="Speaker"/>
      <xs:enumeration value="Organiser"/>
      <xs:enumeration value="Defendant"/>
      <xs:enumeration value="Supervisor"/>
      <xs:enumeration value="..."/>
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
  </xs:sequence>
  <xs:attribute name="PERSON_ID" type="xs:integer" use="required"/>
 </xs:complexType>
</xs:element>
```

attribute **EVENT/PARTICIPANT/@PERSON_ID**

type **xs:integer**

properties isRef 0

use required

source

```
<xs:attribute name="PERSON_ID" type="xs:integer" use="required"/>
```

element **EVENT/PARTICIPANT/PERSON_FULLNAME**

diagram 

type restriction of **xs:string**

properties
- isRef 0
- content simple

facets
- length 255

source

```
<xs:element name="PERSON_FULLNAME">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="255"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **EVENT/PARTICIPANT/PERSON_ROLE**

diagram 

type restriction of **xs:string**

properties
- isRef 0
- content simple

facets
- enumeration Speaker
- enumeration Organiser
- enumeration Defendant
- enumeration Supervisor
- enumeration ...

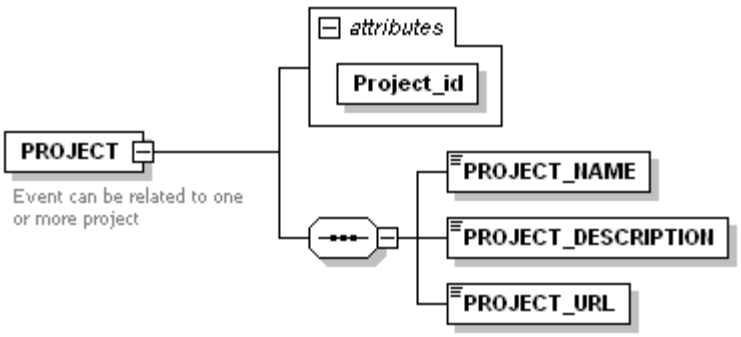
source

```
<xs:element name="PERSON_ROLE">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="Speaker"/>
      <xs:enumeration value="Organiser"/>
      <xs:enumeration value="Defendant"/>
      <xs:enumeration value="Supervisor"/>
      <xs:enumeration value="..."/>
    </xs:restriction>
  </xs:simpleType>
```

</xs:element>

element **EVENT/PROJECT**

diagram



properties

isRef	0
content	complex

children **PROJECT_NAME** **PROJECT_DESCRIPTION** **PROJECT_URL**

attributes

Name	Type	Use	Default	Fixed	annotation
Project_id	**xs:integer**	required			

annotation

documentation

Event can be related to one or more project

source

```
<xs:element name="PROJECT">
 <xs:annotation>
  <xs:documentation>Event can be related to one or more project</xs:documentation>
 </xs:annotation>
 <xs:complexType>
  <xs:sequence>
   <xs:element name="PROJECT_NAME">
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:length value="100"/>
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
   <xs:element name="PROJECT_DESCRIPTION">
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:length value="500"/>
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
   <xs:element name="PROJECT_URL" type="xs:anyURI"/>
  </xs:sequence>
  <xs:attribute name="Project_id" type="xs:integer" use="required"/>
 </xs:complexType>
```

```
</xs:element>
```

attribute **EVENT/PROJECT/@Project_id**

type **xs:integer**

properties
- isRef 0
- use required

source
```
<xs:attribute name="Project_id" type="xs:integer" use="required"/>
```

element **EVENT/PROJECT/PROJECT_NAME**

diagram 

type restriction of **xs:string**

properties
- isRef 0
- content simple

facets
- length 100

source
```
<xs:element name="PROJECT_NAME">
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:length value="100"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
```

element **EVENT/PROJECT/PROJECT_DESCRIPTION**

diagram 

type restriction of **xs:string**

properties
- isRef 0
- content simple

facets
- length 500

source
```
<xs:element name="PROJECT_DESCRIPTION">
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:length value="500"/>
```

```
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **EVENT/PROJECT/PROJECT_URL**

diagram 

type **xs:anyURI**

properties
- isRef 0
- content simple

source
```
<xs:element name="PROJECT_URL" type="xs:anyURI"/>
```

element **EVENT/LINK_DESCRIPTION**

diagram 

type restriction of **xs:string**

properties
- isRef 0
- content simple

facets
- length 100

source
```
<xs:element name="LINK_DESCRIPTION">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="100"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **EVENT/LINK_URL**

diagram 

type **xs:string**

properties
- isRef 0
- content simple

source <xs:element name="LINK_URL" type="xs:string"/>