



EDLproject Overall Implementation Plan

Final Version

M1.3

March 2007

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The EDL Project is funded under
the European Commission *eContentplus* Programme.





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1. Management Summary

This document provides an overview of the collections that the 9 EDLproject target libraries (i.e. the national libraries of Belgium, Greece, Iceland, Ireland, Liechtenstein, Luxembourg, Norway, Spain and Sweden) plan to make available via TheEuropeanLibrary.org in the period February 2007 – February 2008.

- 1. For every library the existing and planned future infrastructures (OAI, SRU and Z39.50 servers, local SRU/Z39.50 gateways and OpenURL resolvers) are discussed.*
- 2. The current state of the metadata for each collection is given and, where possible,*
- 3. The work needed to make the metadata interoperable with The European Library portal, including*
- 4. The required collection descriptions.*
- 5. The workload with respect to translations is discussed, as is the required*
- 6. Marketing & Communication effort*

By Feb 2008 these 9 libraries expect to contribute 58 new collections to The European Library. 50 of these will be searchable by either OAI (44 collections) or SRU (0 collections) or Z39.50 6 (collections). The remaining 8 will be browse-only. At least 36 collections will give access to digital/digitized content.

Effort has been made to construct a 'best-fit' planning & timings overview for the implementation phase (Feb '07-Feb '08), based on current knowledge and experience. A list of milestones to be reached before February 2008 is given, as is the proposed order in which the 9 target libraries will be connected to The European Library.

New developments, insights and experiences will force target libraries and TEL Office to periodically adjust the project planning according to new information as it becomes available.

EDLproject target libraries and the TEL Office have recognized seven hurdles they might come across during the implementation work:

- 1. Local Z39.50/SRU gateway setup*
- 2. OAI implementation*
- 3. Crosswalking & converting metadata to the TEL Application Profile*
- 4. Creating complete, rich and multilingual collection descriptions*
- 5. Dealing with diacritics, character sets & Unicode*
- 6. Required translation efforts*
- 7. Marketing & promotion of The European Library (related to WP4-Task4)*

These risks are under permanent attention and potential solutions and workarounds are shared among partners.



2. ABOUT THIS DOCUMENT

2.1 List of M1.3 documents

1. This document: EDLproject Final Overall Implementation Plan
EDL-M1.3-FinallImplementationPlan200703.doc / .pdf
2. A separate overview of the collections to be included in The European Library by EDLproject partners: *EDL-M1.3CollectionsOverview200703.xls / .pdf*

2.2 Purpose of this document

1. To understand, both for the EDLproject target libraries and for TEL Office, – in terms of infrastructure, metadata, collection descriptions, translations and marketing – what will be required over the next 13 months for the 9 target libraries to make their collections available and exposed to end-users on TheEuropeanLibrary.org.
2. This implementation document also gives a good overview of the collections to be made available by each library, how and when that will be achieved and what is technically needed to do so.
3. The European Library Office will use this document as the basic planning guide for the work that needs to be done with every target library.
4. It allows the Office to schedule and coordinate the total workload as effectively as possible (See 5.Planning & Timings)

2.3 Input used for this document

This overall EDLproject Implementation Plan is based on

- The 9 completed *Requirements Analysis Questionnaire for EDL Project partners* sent to each target library in September 2006
http://edlproject.eu/membersonly/downloads/EDL_RAQ_20060926.doc (password protected)
- The *New Member States Implementation Plan* (TELMEMOR Deliverable 2.2 - October 2005)
<http://www.telmemor.net/docs/TMM-D2.2-ImplementationPlan20051007.doc>
- Between December 2006 and March 2007 TEL Office had a number of email exchanges with the target libraries to clear any unresolved issues and to detail the proposed timings for implementation
- On 11-12 January 2007 a Knowledge Transfer Workshop was organized for the target libraries in the Koninklijke Bibliotheek, the national library of the Netherlands. (EDLproject Milestone M1.1 - <http://www.edlproject.eu/agenda2.php>)
- Using the knowledge gained at this workshop, target libraries could make final modifications to their individual implementation plans.
- Between 20-03-2007 and 25-03-2007 the final version of this document was written.

2.4 Where does this document fit?

By December 2006 all EDLproject libraries returned their Requirement Analysis Questionnaires. The following steps were

- 1) *Creation of (draft) implementation plans (Dec 06 + Jan 07)*
 - In Dec. 06 and Jan. 07 TEL Office developed individual development plans with each of the EDLproject libraries. These plans were based on the Requirement Analysis Questionnaires



- The plans cover human, technical, marketing and content development needs for the implementation phase (Feb. 07-Feb 08)
- These plans have been discussed and agreed with each EDLproject library
- The 9 individual plans have been collated into 1 overall implementation plan (**this document**)
- This overall plan establishes the division and planning of work between each library and TEL Office during the implementation phase.

2) *Start-up knowledge sharing workshop (11+12 Jan 07)*

- The workshop was held on 11+12 January 2007 at the KB, National Library of The Netherlands, The Hague
- M1.1 - <http://www.edlproject.eu/agenda2.php>
- Aims of the workshop were
 - Inform participants about TEL access methods, TEL collection descriptions, TEL metadata, multilingual issues, marketing etc.
 - Validate and explain the (draft) implementation plan
 - Identify, discuss & resolve problem areas
 - Get to know people face-to-face, networking

3) *Finalize implementation plans after workshop (remainder of Jan – March 2007)*

- EDLproject libraries could update their implementation plans with the lessons learnt during workshop.
- By mid March 07 a final & overall implementation plan was agreed
- This final, overall, agreed implementation plan is M1.3 (this document)
- **On 8th February 2007 the Implementation Phase (Task 2 of WP1) started. The national library collections of Greece will be the first ones to be included in The European Library**



3. Definitions

3.1 Difference between a Z39.50 server and a Z39.50/SRU gateway

The difference between a Z39.50 server and a Z39.50/SRU gateway are explained in Appendix A

3.2 Power and capabilities of the central Z39.50/SRU gateway

The central Z39.50/SRU gateway of the TEL Office can do a number of automatic conversions (for instance between protocols, search languages and character sets). Besides conversions, it has more capabilities. A full overview of the power of this gateway is given in Appendix A. This central gateway serves as an example for implementing local gateways.

3.3 Browse-only (WWW) collections vs. searchable collections

a) Browse-only (or WWW) collections

Browse-only collections are collections that can't be harvested via OAI or FTP(*) or searched via SRU or Z39.50, but that can be browsed (or searched) via a local webinterface (WWW)

When you go to *TheEuropeanLibrary.org* → Collections → Browse all the collections, you will find a number of collections that do not carry an associated checkbox (meaning the collection can't be searched). These are annotated with the message

"This collection is currently not searchable via this portal but can be accessed by following the hyperlink below".

Clicking on the hyperlink (= collection name) will take the user to the native webinterface of the collection, where he can start browsing (or searching) via this webinterface

b) Searchable collections

Searchable collections are collections the metadata of which

- can be harvested into the *TEL Central Index* via OAI - or FTP(*) in some cases - or
- can be queried - as a *remote target* - on demand via SRU or Z39.50.

These collections can also have a local native webinterface (for browsing and/or searching).

In the remainder of the document, the term "searchable collection" represents a collection that is accessible via OAI, SRU, Z39.50 or FTP(*)

(*) FTP for static collections only

Harvesting (downloading) metadata via FTP will only for work

- 1) for small static collections (few new records are added and records are not changed often).
- 2) The records must comply with the TEL Application Profile.

The downloaded records will be indexed with Verity and added to the TEL Central Index.

3.4 Digital/digitized materials vs. non-digital/digitized materials

In this document

- the terms "digitized material", "digitized object/item" or "digital object" represent
 - the digitized form of a physical object – books, papers, magazines that have been scanned, live music that has been recorded into mp3 format etc.
 - objects that were born digital, for instance Word files, PDFs (as opposed to scanned paper documents)
So in general multimedia files (JPG, GIF, PDF, AVI, MPG, MOV, QT, WAV, MP3, DOC, PPT etc.) available online
- the terms "non-digital item/object", "metadata record" or "bibliographic record" represent the (computerized) descriptive metadata of either an online available digitized/digital object (see above) or a physical object available onsite in a library (a paper book, a newspaper, an old printed map etc.)



4. General remarks

4.1 Layout of the individual country discussions (See 7.1 – 7.9)

For every target country/library the individual implementation plan addresses the following issues:

- a. *Collections*
List of all collections + subcollections the library plans to make accessible via TheEuropeanLibrary.org. Includes both searchable and WWW/Browse-only collections
- b. *Infrastructure*
Can contain 5 protocols: 1) OAI, 2) SRU, 3) Z39.50 via central gateway, 4) Z39.50 via local gateway and 5) OpenURL. For each protocol it is stated if a library has already implemented or plans to implement it. If so, for which collections, and - if known - by what date it is expected to be operational. See also 6.1 and 6.2
- c. *Metadata*
For each collection the current metadata formats are stated. For every collection and protocol (see b.) the work needed to make the metadata TEL AP compliant is stated. For every collection and protocol the dates - if known - by which the metadata can be tested by The European Library Office are given. Also OpenURL compliancy is stated for every collection. See also 6.3
- d. *Collection descriptions*
For every collection the date by which the collection description will be (or has already been) send to The European Library Office is listed. See also 6.4
- e. *Translations*
The expected effort with respect to translating texts into the native language is given. This can include translation of collection descriptions, portal interface elements & help texts, press releases, newsletters etc. See also 6.6
- f. *Marketing & Communication (related to WP4 - Task4)*
Once its new collections are available in The European Library portal, it is of vital importance for the library to inform (potential) end-users about the new resources. This includes both local & foreign users.
This section gives an overview of the (minimum) expected M&C effort the library will need to make. It can also include a short list of dissemination channels the library has access to. See also 6.7

4.2 Meaning of symbols in Tables

●	Collection is accessible, will be made accessible or is likely to be made accessible via this protocol (by February 2008) For the column <i>Digitized objects</i> it indicates that the collections contains digitized materials
○	Collection is not accessible now and will not be made accessible via this protocol (by February 2008) For the column <i>Digitized objects</i> it indicates that the collections does <i>not</i> contain digitized materials
??	More info on planned accessibility needed from library for this collection via this protocol



4.3 TEL Office prefers OAI-PMH

The European Library Office *strongly* encourages you to make your collections accessible via OAI-PMH, rather than via Z39.50 or SRU

It is of vital importance for the eventual success of The European (Digital) Library that you make your collections available via OAI-PMH

Why ?

1. *Usability*: In user studies on federated searching in digital library portals it is shown *again and again* that end-users are 'Google-minded': they don't understand the fact that they *first* have to select the collections they want to search in *before* they can make a query. They expect to search in one single Google-like blob. Like it or not, this is today's de facto world standard!
The only way for The European Library to make this work is harvesting all collections into the Central Index (the 'big blob') of TheEuropeanLibrary.org
2. *Speed* : Searching in one Central Index will deliver the results to the end-user much faster than it can be done via distributed searching in remote collections.
3. *On-the-fly added value*: Using the capabilities of the Verity search engine, the TEL portal can do on-the-fly background searches in the Central Index and suggest to the end-user potentially interesting objects or related collections the user did not actively search for.
4. *Indirect added value* : TEL Office can analyse the logfiles of Verity to see what users are searching for. This can be used as input for collection promotion or development and digitisation priorities. This is much more difficult to do when the collections are stored in distributed databases, with non-uniform or even non-present logging systems.



5. Planning & Timings

5.1 Milestones

08-02-2007: Start of EDLproject Implementation Phase

29-02-2008: End of EDLproject Implementation Phase

By February 2008 at least the following (sub)milestones should have been reached

By TEL Office :

- EDL Test Portal has been set up (http://www.theeuropeanlibrary.org/portal_edl)
- New collections have been implemented & tested in EDLproject Test Portal
- New collections have been OAI harvested & indexed into TEL Central Index (if applicable)
- OAI has been widely promoted as the preferred method of access for The European Library
- SRU access has been set up (when applicable)
- The central SRU/Z39.50 gateway has been expanded to include new EDLproject collections (if applicable – See 6.1)
- An easy-to-use software installation package for setting up a local SRU/Z39.50 gateway has been tested and made available for download (See 6.1)
- New metadata cross-walks have been created and tested (if applicable)
- Collection descriptions of EDLproject libraries have been tested
- Server monitors have been set up for all libraries/servers
- Any Unicode/character set/UTF8 issues have been solved in an appropriate way
- A test plan has been created + disseminated for new collections
- TEL Office has organised and had regular teleconferences (*) with all EDLproject target libraries

By each of the 9 target libraries

- All necessary access protocols (OAI, SRU or Z39.50) have been implemented (if not already done) and tested
- Local SRU/Z39.50 gateways has been set up and tested in all target libraries (if applicable – See 6.1)
- All collections have been described by good, rich, multilingual, and complete collection descriptions (See 6.4).
- These collection descriptions have been translated into as many other languages as possible (besides native language and English – See 6.4).
- Collections descriptions from all other EDLproject and TEL partners have been translated from English into the native language (See 6.6.3)
- Metadata has been standardised and/or crosswalked into TEL AP (where applicable - See 6.3)
- Any Unicode/character set/UTF8 issues have been solved in an appropriate way (See 6.5)
- Logos/thumbnails have been created as visual identifiers for all collections
- URLs of the native webinterfaces of all collections have been provided (if available)
- URLs of retrieved records in the original interfaces have been provided (if available)
- Access to all collections via the EDLproject Test Portal has been tested according to the test plan
- All portal interface elements have been translated into the native language (See 6.6.1)
- All portal help texts have been translated into the native language (See 6.6.2)
- Search engine landing pages in native language have been created according to guidelines provided by TEL Office (See 6.6.4)
- All relevant local Marketing & Communication actions have been started (See 6.7)



- Local (or international) OpenURL services to be included in TEL portal have been identified
- EDLproject libraries have joined or are ready to join The European Library (see 5.3)
- Regular teleconferences with TEL Office have been held (*)

(*) Regular teleconferences

The European Library Office plans to have teleconferences with each of the 9 libraries every 6-8 weeks, depending on progress and support needed. Aims of these teleconferences are to keep all parties informed, give assistance, discuss problems & progress etc.

We are planning to have the teleconferences on Tuesdays, Wednesdays or Thursdays. Extra teleconferences can be scheduled in where necessary. TEL Office prefers to use Skype as much as possible

5.2 Order of implementation

During the 13 months of the Implementation Phase 9 libraries have to be connected to The European Library. This means start implementing 1 new library every 6 weeks on average

Based on planning and dates provided by the 9 target libraries the proposed implementation calendar is as follows

Order	Library	Start date of implementation
1	Greece	08 Feb 2007 - DONE
2	Spain	12 March 2007 - DONE
3	Liechtenstein	25 April 2007 - CONFIRMED
4	Norway	08 May 2007 ?? + Early Oct 07
5	Iceland	15 May 2007 – CONFIRMED
6	Belgium	05 June 2007 ??
7	Ireland	03 July 2007 ?
August = holiday period		
8	Luxemburg	07 September 2007 - CONFIRMED
9	Sweden	02 October 2007 ??

In fact some libraries will be ready to be connected to The European Library prior to the date mentioned in this overview (see Individual country discussions 7.1 - 7.9). However, to guarantee enough attention to each individual library (and given the non-EDLproject workload of TEL Office), the Office is trying to spread out the total EDLproject workload as much as possible.

5.3 Transition from EDLproject partner to The European Library Full Participant

EDLproject libraries have to become TEL Full Participants before their collections (with associated infrastructure, metadata and collections descriptions) can be made available via TheEuropeanLibrary.org.

In other words: EDLproject is intended to get the collections, infrastructure, metadata and collections descriptions up to standard and tested. For actual publication of the collections on TheEuropeanLibrary.org, target libraries must become Full Participants first. Until that time these



collections will be only available in the EDLproject Test Portal
http://www.theeuropeanlibrary.org/portal_edl

5.4 Dynamic planning

Although composed with great care, the tasks, dates & timings given in this document are inevitably not definitive or static: the current overview is a 'best-fit' based on recent (but often incomplete) data from the target libraries and the planning & project management experience of the TEL Office. New developments, insights and events will force the target libraries and TEL Office to periodically adjust the project planning according to new information as it becomes available.



6. Risks analysis / hurdles

The EDLproject libraries and the TEL Office have so far recognized 7 potentially major hurdles/risks they might come across during the Implementation Phase.

6.1 Local Z39.50/SRU gateway setup

Currently TEL Office operates a central SRU/Z39.50-gateway (see Appendix A). At the moment this is one of only 2 gateways in The European Library infrastructure (the other one is operated by the national library of Hungary). TEL Office wants to decentralise this central gateway by stimulating EDLproject partners to set up their own local implementation of the gateway software, on their own systems (thus less relying on one central server) and under their own local control (thus increasing local knowledge and support).

Based on experience from the TEL-ME-MOR project, implementing a local SRU/Z39.50 gateway is a new and probably difficult exercise for most libraries. For this reason TEL Office is creating a software package to set up a local gateway relatively fast and easy. This piece of software is currently being finalized and tested and will be made available for download to all EDLproject partners.

6.2 OAI implementation

Although not always easy or straightforward, TEL Office *strongly* encourages EDLproject partners to make their metadata accessible via OAI-PMH, rather than via Z39.50 or SRU. This will automatically solve hurdle 6.1. For more details, please consult 4.3

6.3 Crosswalking & converting metadata to the TEL Application Profile

The metadata of most EDLproject collections is not yet (or not yet fully) compatible with the TEL Application Profile (AP). In order to comply with TEL AP a number of crosswalks and/or conversions will have to be done. This is likely to be a substantial task for a number of libraries. TEL Office will give assistance where possible.

6.4 Creating complete, rich and multilingual collection descriptions

Collection level descriptions (CLDs) allow libraries to provide information about the existence and availability of their collections to users. Describing collections is vitally important for distributed searching. The European Library provides access to many heterogeneous collections, therefore, in order to perform more focussed searching, CLDs have to be available. CLDs enable users to narrow down the list of collections, which at the second step become targets of a (more precise or focused) search.

Although it is relatively easy to write a basic CLD, the 9 EDLproject target libraries should aim at providing rich, complete, high quality descriptions – at least in their native language and in English. TEL Office stresses that creating rich, complete, high quality multi-lingual CLDs is an serious effort not to be underestimated (having hands-on experience with the 9 TEL-ME-MOR partners)


6.5 Dealing with diacritics, character sets & Unicode

Lots of efforts have been made to tailor The European Library infrastructure to Unicode/UTF-8 as the default character set. EDLproject partners should be aware of any incompatibilities between their library systems & character sets and The European Library infrastructure, and adjust where necessary. From experience TEL Office knows that this is generally a non-trivial operation.



6.6 Required translation efforts

TEL Office would like your special attention for the workload with respect to various translations that will be asked from EDLproject partners. Our experience is that generally this work tends to be heavily underestimated. Some big translation efforts will be needed.

1. *Translation of portal interface elements* into your local language(s).
Looking at <http://www.theeuropeanlibrary.org/handbook/translation/translate.html> you can see that the first tag ('search_t') corresponds to 'SEARCH' in the top main navigation on the English interface of the TEL portal. In this webform, you will need to translate 'SEARCH' into your own language to start creating a TEL portal interface in your native language.
 - Similarly, there are currently just under 500 other portal interface elements that need translation to complete the TEL portal interface in your own language.
 - If not yet available under "Choose your language", your language will be included in the dropdown before the end of January.
2. *Translation of portal help texts*
When clicking on 'help?' in the red subnavigation, English help texts appear. We plan to offer these help texts in all languages offered in the TEL portal. Sally Chambers of TEL Office will send you the English texts for translation in due time. We will ask you to translate these texts into your native language(s). For questions please write to Sally.Chambers@kb.nl 
3. *Translation of collection descriptions*
As EDLproject partner you will need to make collections descriptions (CLDs) to make your collections visible in the TEL portal. See http://www.theeuropeanlibrary.org/handbook/handbook.php?handbook_menu=0-6&handbook_menu_pg=handbook/Describing_my_collections/describing_my_collections.html
These collection descriptions should be as well-formed, complete, rich and multilingual as possible. To increase the multi-linguality of the TEL portal, we will ask EDLproject partners to translate all currently available CLDs (from all TEL Full Participants) from English into their native languages.
4. *Translation of search engine landing pages*
Regular search engines (Google, Yahoo, MSN) mainly find website content that is available in HTML pages. Because the main content of The European Library is metadata hidden in databases and the site does not have large numbers of well-filled HTML pages, these search engines think that the TEL site is nearly 'empty'. So we have a problem!
To change this, TEL Office needs to create so-called *landing pages*. Basically these are well-filled HTML pages with lots of relevant keywords to lure in search engines and thus to promote our deep-web content.

Given the nature of the collections in The European Library, the following keywords are relevant

- | | | |
|----------------|-------------------------|---------------------|
| • Books Online | • Children's Literature | • Old Books |
| • Catalogues | • Antique Maps | • Manuscripts |
| • Libraries | • Music Scores | • Educational Books |
| • Music Score | • Old Maps | • Reference Books |
| • Treasures | • Atlases | • Manuscript |
| • Rare Books | • Online Library | • Music Collections |
| • Rare Book | • Antique Books | • Online Libraries |

(please note that these keywords might change over time)

There is one HTML landing page per keyword. So far these landing pages have only been written in English. Google users searching in – for instance – Norwegian are not catered for by these pages. This would require creation of landing pages in Norwegian.



We therefore ask EDLproject partners to create search engine landing pages in their local languages according to editorial guidelines provided by TEL Office You will be contacted by the TEL Marketing & Communications Officer Ms. Fleur Stigter in due time. For questions please write to Fleur.Stigter@theeuropeanlibrary.org

5. *Translations for user surveys*

At some stage TEL Office could ask your cooperation with translating texts for one or more user surveys. This can include:

- *Translation of questions from English into local language*
- *Translation of questionnaire results form local languages into English*
- *Translation of invitations to take part in user surveys from English into local language*

These surveys could be done for instance to measure the results & impact of the local Marketing & Communication effort you will need to do as part of WP4.

6. *Translation of (planned) press releases & newsletters*

TEL Office might ask you to translate press releases and/or newsletters about The European Library. We might also ask you to disseminate these publications to relevant online and offline media in your country (See 6.7). For questions please write to Fleur.Stigter@theeuropeanlibrary.org

For some of the required translation efforts EDLproject partners Belgium, Liechtenstein, Luxembourg and Greece can spread the translation workload with TEL Full Participants Netherlands, Germany, Switzerland, France, Austria and Cyprus.

6.7 Marketing & promotion of The European Library (related to WP4-Task4)

As part of WP4-Task4 TEL Office will need to do a big central effort to market, promote and communicate The European Library portal to its (potential) end-users. To a certain extent this will be done via traditional offline marketing & communication methods (newspapers, radio, TV, trade press, conferences), but it will largely focus on online methods (newsletters, search engine landing pages, linking programmes, targeted emailing etc.)

TEL Office will ask you to make a similar local marketing & communication effort for The European Library, so promoting TheEuropeanLibrary.org within your own country, in your own language and targeted at your local audiences.

We will ask you to

- Complete & return a M&C questionnaire you will receive from TEL Office, to get a first impression of your M&C situation
- Create and implement a local M&C plan (What, When, Who) according to a template you will receive from TEL Office
- Create search engine landing pages in your local language according to editorial guidelines provided by TEL Office. See 6.6.4
- Set up a linking programme in your country: TEL Office will ask you to invite institutions, universities, libraries, museums etc. to exchange reciprocal links with The European Library. These will be included on www.theeuropeanlibrary.org/links
- Create a local press list comprising relevant media (contact persons) in you own country
- Send out any local press releases and/or newsletters to this press list

Your contact person for all TEL Marketing & Communication related issues is Ms. Fleur Stigter. She can be reached at Fleur.Stigter@theeuropeanlibrary.org

TEL Office recognizes there is overlap between the WP4-Task4 M&C effort we will ask from you and the work that Eremo will ask from you under Tasks1+2+3 of the same Work Package (WP4). Although we try to avoid unnecessary double work for partners and you may seem to have to submit the same information twice, please realize that there is a difference in scope between all the Tasks in WP4.



As Marketing & Communication is a relatively new area for TEL Office, we are currently still finding out which of the M&C methods we are using have the best return-on-investment. Therefore, new insights may lead to alternative strategies, so your tasks described in this paragraph can change in the course of 2007. Fleur Stigter will keep you informed and updated.

7. Individual country discussions

7.1 Belgium



Central contact person for Belgium:

Dr Willy Vanderpijpen
Head of Department of Logistics
Koninklijke Bibliotheek van België
Keizerslaan 4
B-1000 Brussel (Belgium)
tel: +32-2-5195701 fax: +32-2-5195716
e-mail: Willy.Vanderpijpen@kbr.be

We will maintain the actions & minutes arising from our (future) EDLproject teleconferences centrally at Google Docs. URL http://docs.google.com/Doc?id=dgcggsms_10dsr6dk

a. COLLECTIONS

Searchable collections to be included for Belgium

BE1 - Catalogues of the National Library of Belgium - <http://opac.kbr.be>

Printed materials - 1.741.268 records

Subcollections :

BE1a : Main Catalogue (1.073.440 records)

<http://opac.kbr.be/ekbr0.htm> (English interface)

<http://opac.kbr.be/nkbr0.htm> (Dutch interface)

<http://opac.kbr.be/fkbr0.htm> (French interface)

BE1b : Retrospective Catalogue (667.828 records - growing with 650.000 by 2008)

<http://opac.kbr.be/ebb1.htm> (English interface)

<http://opac.kbr.be/nbb1.htm> (Dutch interface)

<http://opac.kbr.be/fbb1.htm> (French interface)

Logos to be included

Contains 19.000 digitised objects (March 2007)

There are 724.033 multi-lingual authority files in this system. Should these be included in TEL?

Browse-only collections to be included for Belgium

BE2 - Medals collections

No logo yet



URL to native interfaces

- http://www.kbr.be/collections/medailles/medailles_nl.html (Dutch)
- http://www.kbr.be/collections/medailles/medailles_fr.html (French)

BE3 - Drawings collection

No logo yet
No URLs to native interfaces provided yet

BE4 - Prints collection

No logo yet
URL to native interfaces
- http://www.kbr.be/collections/estampes/estampes_nl.html (Dutch)
- http://www.kbr.be/collections/estampes/estampes_fr.html (French)

BE5- Photographs collections

No logo yet
No URLs to native interfaces provided yet

BE6 - E-depot

No logo yet
No URLs to native interfaces provided yet

BE7 - Images of library record cards

No logo yet
No URLs to native interfaces provided yet

b. INFRASTRUCTURE

Contact details for infrastructure

Pol Brioen - System manager - pol@kbr.be
Elisabeth Mazur - elisabeth.mazur@kbr.be

Library system used for BE1 is GEAC-VUBIS, adapted for multi-linguality and authority files

1. OAI

KBR will make BE1(a+b) available via OAI by 15-5-2007
UMODS limited to LIST and GET records

2. OpenURL resolver

Does Belgium have any plans to set up an OpenURL resolver?

BE - BELGIUM							
ID	Collection name	Digitized objects	OAI	SRU	Z39.50 central	Z39.50 local	WWW Browse-only
BE1	Catalogues of the National Library of Belgium. 2 subcollections: BE1a and BE1b	•	• (from mid May 07 onwards)	○	○	○	○
BE1a	Main Catalogue	?	• (from mid May 07 onward)	○	○	○	○

			s)				
BE1b	Retrospective Catalogue	?	• (from mid May 07 onwards)	○	○	○	○
BE2	Medals collections	•	○	○	○	○	• (from Mid April 07 onwards)
BE3	Drawings collection	?	○	○	○	○	• (from Mid April 07 onwards)
BE4	Prints collection	•	○	○	○	○	• (from Mid April 07 onwards)
BE5	Photographs collections	?	○	○	○	○	• (from Mid April 07 onwards)
BE6	E-depot	?	○	○	○	○	• (from Mid April 07 onwards)
BE7	Images of library record cards	?	○	○	○	○	• (from Mid April 07 onwards)

Table BE1: Implementation overview for Belgium, by collection, by protocol

C. METADATA

Contact details for metadata

Paula Goossens - paula.goossens@kbr.be

BE1: Current metadata format is MODS and is UTF-8 compliant. Needs to be converted to DCX / TEL

Application Profile before 15-05-2007

Belgium estimates that conversion of the records to TEL AP will take about 1 month

TEL Office to send overview of mandatory fields and some example records

d. COLLECTION DESCRIPTIONS

Contact details for collection descriptions

Paula Goossens - paula.goossens@kbr.be

For the searchable collection BE1 + 2 subcollections: Belgium to write 3 collection descriptions in (at least) English, Dutch and French before 15-04-2007

BE1 needs to reflect the fact that it contains 2 subcollections (BE1a and BE1b), so use the <superCollection> and <isPartof> elements



See for instance how the British Library did that with their Integrated Catalogue
http://www.theeuropeanlibrary.org/portal/collections_all.html#BL

For the 6 browse-only collections BE2-BE7: Belgium to write collection descriptions in (at least) English, Dutch and French before 15 April 2007 (minimum fields are Title, Description, Identifier (URL), one or more Subject fields, Publisher and Country)

e. TRANSLATIONS

Contact details for translations

Guido Goedeme - guido.goedeme@kbr.be

See 6.6 for required translation effort

The KBR can share part of the translation workload with the Netherlands and France

f. MARKETING & COMMUNICATION

Contact details for marketing & communication issues

Willy van der Pijpen - Willy.Vanderpijpen@kbr.be

See 6.7 for required Marketing & Communication effort

There has been an Open Door day on 4 March where The European Library and EDLproject were promoted



7.2 Greece

NATIONAL LIBRARY OF GREECE

Central contact person for Greece:

Joanna Demopoulos - demopoulou@nlgr.gr
Head of Cataloguing Department
0030 210 6394137

We will maintain the actions & minutes arising from our (future) EDLproject teleconferences centrally at Google Docs. URL http://docs.google.com/Doc?id=dgcggsms_1dvfgn7

a. COLLECTIONS

Searchable collections to be included for Greece

GR1 - Main Catalogue of the National Library of Greece

- Logo to be included
- English native interface - <http://195.134.102.45>
- Greek native interface - <http://195.134.102.45/ipac20/ipac.jsp?profile=ebe0--2&reloadxsl=true#focus>
- Contains 317.000 records, as counted on 20/10/2006

Browse-only collections to be included for Greece

GR2 - Digitised Newspapers

- Logo to be included
- Greek native interface - <http://www.nlg.gr/digitalnewspapers/ns/main.html>
- Greece to create English interface for GR2
- 220006 digitised pages, as counted on 20/10/2006. (All the digitised pages are linked to pdf objects)

b. INFRASTRUCTURE

Contact details for infrastructure

Nassos Kapsalis - nassosk@nlgr.gr
Staff member of the Information Technology Department
0030 210 3382573

Library system used for GR1 is Horizon (SirsiDynix)

1. Z39.50 via central Z39.50/SRU gateway

GR1 via Z39.50 and central gateway. Available for testing by TEL Office by March 07
Gateway parameters form has been completed for GR1

2. Z39.50 via locally implemented Z39.50/SRU gateway

TEL Office to send installer package for local gateway, then GR to set up local gateway



3. OpenURL resolver

Greece does not plan to set up an OpenURL resolver

GR	GREECE						
ID	Collection name	Digitized objects	OAI	SRU	Z39.50 central	Z39.50 local	WWW Browse-only
GR1	Main Catalogue of the National Library of Greece	○	○	○	●	●	○
GR2	Digitised Newspapers	●	○	○	○	○	●

Table GR1: Implementation overview for Greece, by collection, by protocol

c. METADATA

Contact details for metadata

Mathios Stratis - stratis@nlg.gr
Staff member of the Cataloguing Department
0030 210 6394137

- Metadata is *NOT* UTF-8 compliant

It turns out that the response from your z39.50 server is not being sent in UTF-8, but rather in ISO 88597 (Windows 28597).

- GR1 records are in UNIMARC format. This means that this collections can be made available in TEL right away : For Z39.50 accessible collections in UNIMARC format using the central Z39.50/SRU gateway (and later the locally implemented gateway) there should be no need for major metadata conversions, as the gateway can convert from UNIMARC to TEL AP automatically. Some tailoring will be needed. See also Appendices A and B

- TEL Office has experience in dealing with Greek characters, as it has work with Cyprus under the TEL-ME-MOR project

d. COLLECTION DESCRIPTIONS

Contact details for collection descriptions

Mathios Stratis - stratis@nlg.gr
Staff member of the Cataloguing Department
0030 210 6394137

For the searchable collection GR1: collection descriptions in English and Greek have been written (Febr 07)

For browse-only collection GR2: collection descriptions in English and Greek have been written (Febr 07)

e. TRANSLATIONS

Contact details for translations

Joanna Demopoulos - demopoulou@nlg.gr

See 6.6 for required translation effort

The NLG can share part of the translation workload with Cyprus



f. MARKETING & COMMUNICATION

Contact details for marketing & communication issues
Joanna Demopoulos - demopoulou@nlq.gr

See 6.7 for required Marketing & Communication effort

7.3 Iceland



Central contact person

Thorsteinn Hallgrímsson - Deputy National Librarian - thh@bok.hi.is

Tel : +354 525 5699

We will maintain the actions & minutes arising from our (future) EDLproject teleconferences centrally at Google Docs. URL http://docs.google.com/Doc?id=dgcggsms_2f4d83m

URL of EDL test portal : http://www.theeuropeanlibrary.org/portal_edl

a. COLLECTIONS

Searchable collections to be included for Iceland

IS1 - Union catalogue for Icelandic libraries (GEGNIR)

- URL to web interfaces
 - <http://www.gegnir.is/> (Icelandic)
 - http://www.gegnir.is/F/?func=option-update-Ing&P_CON_LNG=ENG (English)
- No logo provided yet
- 970.000 records, 6.600 digital objects
- Gegnir is run by [Consortium of Icelandic Libraries Inc](#)
- Start as browse-only, until May-Jun 07
- From May-Jun 2007 it will be Z39.50 accessible, as server is planned to be operational by that date
- By Nov-Dec 07 Gegnir will be OAI harvestable. This is will very much depend on whether the Aleph OAI extract/conversion module is ready and affordable

IS2 - Icelandic Journals and Newspapers

- URL to web interfaces
 - <http://timarit.is/> (Icelandic)
 - <http://timarit.is/?lang=1> (Danish)
 - <http://timarit.is/?lang=4> (English)
- No logo provided yet
- About 1M records with 1M digital items
- Is owned and run by the National Library
- Browse-only until Sept-Oct 2007
- BOK to complete retro conversion project for IS2
- To be harvestable via OAI from Oct – Nov 07 onwards

IS3 - Antique maps of Iceland

- URL to web interfaces
 - <http://kort.bok.hi.is/lang.php?lang=isl> (Icelandic)
 - <http://kort.bok.hi.is/lang.php?lang=eng> (English)
- Browse-only until until Nov-Dec 2007



Iceland has not yet committed this but they may very well do this at the end of the project, i.e. Dec 07 – Jan 08
 - To be harvestable via OAI from Nov-Dec 07 onwards

Browse-only collections to be included for Iceland

IS4 - *Icelandic medieval literature* - Manuscripts and books published before 1901 – <http://www.sagnanet.is> – will be browse-only for entire EDLproject

b. INFRASTRUCTURE

Contact details for infrastructure

Kristinn Sigurdsson - IT Group Project Manager - kristi@bok.hi.is
 +354 525 5656

Library system for IS1 is Aleph v16 (and not under control of Nat. Lib)
 Library system for IS2 is local system

1. OAI

IS1 will be OAI harvestable by Nov-Dec 07
 IS2 will be OAI harvestable by Oct-Nov 07
 IS3 will be OAI harvestable by Dec 07 – Jan 08 if time allows

2. Z39.50 via central Z39.50/SRU gateway

From May-Jun 2007 GEGNIR will be Z39.50 accessible (via central gateway), as server is planned to be operational by that date . (Until Nov-Dec 07)
 Iceland to send Z39.50 gateway parameters form to TEL Office

3. OpenURL resolver

Iceland uses SFX as OpenURL resolver

IS	ICELAND						
ID	Collection name	Digitized objects	OAI	SRU	Z39.50 central	Z39.50 local	WWW Browse-only
IS1	Union catalogue for Icelandic libraries (GEGNIR)	●	● (Nov-Dec onwards)	○	● (Jun-Nov 2007)	○	● (Until May-Jun 07)
IS2	Digitised collection of Journals and Newspapers - <i>Tamarit.is</i>	●	● (From Oct-Nov 07)	○	○	○	● (Until Oct-Nov 07)
IS3	Antique maps of Iceland (<i>Kort.bok.is</i>)	●	● (Dec 07-Jan 08 onwards)	○	○	○	●
IS4	Icelandic medieval literature - Manuscripts and books published before 1901 – <i>saganet.is</i>	●	○	○	○	○	●

Table IS1: Implementation overview for Iceland, by collection, by protocol



c. METADATA

Contact details for metadata

Ragna Steinarsdottir - Head of Cataloguing Nat. Bibliogr. Section - ragnas@bok.hi.is
+354 525 5703

- IS1 records are in MARC format. This means that this collections can be made available in TEL right away : For Z39.50 accessible collections in MARC format using the central Z39.50/SRU gateway there should be no need for major metadata conversions, as the gateway can convert from MARC to TEL AP automatically. Some tailoring will be needed. See also Appendices A and B

Iceland to convert MARC records in to TEL Application profile format (or DCX) for OAI harvesting

d. COLLECTION DESCRIPTIONS

Contact details for collection descriptions

Ragna Steinarsdottir - Head of Cataloguing Nat. Bibliogr. Section - ragnas@bok.hi.is
+354 525 5703

Iceland to write good, rich collection descriptions in at least Icelandic and English for IS1-2-3-4 as soon as possible, to make them available as browse-only in TEL portal (minimum fields are Title, Description, Identifier (URL), one or more Subject fields, Publisher and Country)

Once IS1-2-3 will be Z39.50 or OAI accessible (see under b), Iceland to adapt collection descriptions

See <<criteria_good_coll_descr_3.txt>> and [The European Library Handbook](#)

e. TRANSLATIONS

Contact details for translations

Hildur Gunnlaugsdottir - Quality Manager of Cataloguing - hildugun@bok.hi.is
+354 525 5708

See 6.6 for required translation effort

f. MARKETING & COMMUNICATION

Contact details for marketing & communication issues

Thorsteinn Hallgrímsson - Deputy National Librarian - thh@bok.hi.is
+354 525 5699

See 6.7 for required Marketing & Communication effort

Further remarks about M&C for Iceland

- The library is both the National Library of Iceland and the library for the University of Iceland. It thus mainly targets students and faculty at the university, scholars and researchers in general and increasingly the general public via digital collections.
- The library does not provide regular guided tours in the library but does that as part of introduction to university students and for specific requests.
- The library produces books, leaflets, and images of library treasure objects
- The library probably can use resources/contacts of the Ministry of Education/Culture etc.



- The library is involved in international cooperations like IIPC (International Internet Preservation consortium) NORDBIB (Nordic research libraries) and VESTNORD (Faeroe Islands, Greenland and Iceland) digitisation of journals and newspapers.

7.4 Ireland



Central contact person for Ireland:

Aongus Ó hAonghusa - Director - aohaonghusa@nli.ie

Brian McKenna - Keeper of Services - bmckenna@nli.ie - +353 1 6030215

We will maintain the actions & minutes arising from our (future) EDLproject teleconferences centrally at Google Docs. URL http://docs.google.com/Doc?id=dgcggsms_3gttmnd

a. COLLECTIONS

Searchable collections to be included for Ireland

IE1 - Main Catalogue of the National Library of Ireland

- Logo to be included

- <http://hip.nli.ie/#focus>

- Contains approx 307.000 records (as counted in December 2006), with around 8.000 links to images

Main catalogue has 4 subcollections

IE1a - Books and Periodicals

<http://hip.nli.ie/ipac20/ipac.jsp?profile=bk>

Logo to be included

IE1b – Manuscripts

<http://hip.nli.ie/ipac20/ipac.jsp?profile=mss>

Logo to be included

IE1c – Photographs

<http://hip.nli.ie/ipac20/ipac.jsp?profile=fi>

Logo to be included

IE1d - Prints and Drawings

<http://hip.nli.ie/ipac20/ipac.jsp?profile=pd>

Logo to be included

b. INFRASTRUCTURE

Library system used for IE1 is Horizon (SirsiDynix)

Z39.50 server is currently being set up. The Z39.50 server is within a Government network and NLI has to negotiate issues relating to ports. They are giving this issue the highest priority and aim for a very fast resolution. Brian will keep TEL Office posted on our progress. NLI recognise the urgency of this task and will send relevant data at the earliest opportunity.

The IP addresses of the TEL servers are 195.87.31.35 and 195.87.31.36



1. Z39.50 via central Z39.50/SRU gateway

IE1 via Z39.50 and central gateway. Available for testing by TEL Office by July 2007

Gateway parameters form for IE1 has been sent to TEL Office, but is not yet complete. IE to resend form with completed data

2. Z39.50 via locally implemented Z39.50/SRU gateway

IE1 via Z39.50 and local gateway. TEL Office to send software installer, after which NLI can install local gateway

3. OpenURL resolver

Ireland does not plan to set up an OpenURL resolver

IE IRELAND							
ID	Collection name	Digitized objects	OAI	SRU	Z39.50 central	Z39.50 local	WWW Browse-only
IE1	Main Catalogue of the National Library of Ireland	●	○	○	●	●	○
IE1a	Books and Periodicals	??	○	○	●	●	○
IE1b	Manuscripts	??	○	○	●	●	○
IE1c	Photographs	●	○	○	●	●	○
IE1d	Prints and Drawings	●	○	○	●	●	○

Table IE1: Implementation overview for Ireland, by collection, by protocol

c. METADATA

- Metadata is UTF-8 compliant (Latin1)

- IE1 records are in MARC21 format. This means that this collections can be made available in TEL quickly: For Z39.50 accessible collections in MARC21 format using the central Z39.50/SRU gateway (and later the locally implemented gateway) there should be no need for major metadata conversions, as the gateway can convert from MARC21 to TEL AP automatically. Some tailoring will be needed.

See also Appendices A and B

d. COLLECTION DESCRIPTIONS

For IE1 + 4 subcollections: 5 collection descriptions in English (and Irish??) will need to be written by July 2007

Guidelines on how to write good, rich, multi-lingual and complete collection descriptions for TEL will be provided as soon as the implementation work for Ireland starts in July 2007

e. TRANSLATIONS

See 6.6 for required translation effort

Portal interface + portal helptexts are already available in English

Is NLI planning to translate also into Irish?

f. MARKETING & COMMUNICATION

See 6.7 for required Marketing & Communication effort



Further remarks about M&C for Ireland

- The target audience of the National Library of Ireland is wide-ranging – it may be summarised as individuals and institutions world-wide interested in Irish studies. Guided tours are provided in the Library and a wide range of leaflets and books produced. A book detailing Treasures of the National Library of Ireland has been produced and a new totally new version of this source is planned.
- The Library is a member of SCONUL and of CONUL (Consortium of National and University Libraries).
- The Library is developing an outreach programme which includes the compilation of source materials linked to the school curriculum.
- New initiatives are being considered to increase knowledge of the Library generally. In particular, a new website will be launched in February 2007.

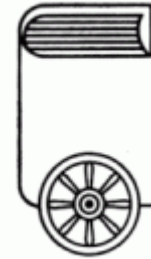
7.5 Liechtenstein

Contact details

All communications must be send to

- Barbara Vogt (Director) +423 236 63 61 barbara.vogt@llb.llv.li
- Meinrad Büchel +423 236 63 71 - meinrad.buechel@llb.llv.li

We will maintain the actions & minutes arising from our (future) EDLproject teleconferences centrally at Google Docs. URL
http://docs.google.com/Doc?id=dgcggsms_7cbzvzz



a. COLLECTIONS

Searchable collections to be included for Liechtenstein

LI1 - Catalogue of Liechtenstein National Library

- URL to native interface http://neptun.lbf.li/F/?func=file&file_name=find-b&local_base=flb
- No logo available yet
- 155.000 records (as counted on October 2006) with 40 fulltext (pdf) and 25.000 table of content (pdf)

b. INFRASTRUCTURE

Library system : Aleph Version16.02

The plan is to make LI1 available

- 1) as browse-only collection until the summer 07
- 2) NOT make LI1 available via Z39.50 - unless it takes Exlibris too long to complete the TEL AP implementation in Aleph OAI-module
- 3) and once ExLibris and Austria have paved the way (hopefully by summer 07), via OAI

Exlibris is currently working on including the TEL Application Profile into the Aleph OAI-module. They hope to finish that by summer 07. TEL Office will keep all Aleph using national libraries informed on progress.

In case you do need to use Z39.50 to make your OPAC available to TEL (that is: when Exlibris is slower than expected): Access to your Z39.50 server seems OK. TEL Office tested it via <http://www.loc.gov/z3950/test.html> with the parameters you've send us. This means TEL Office can include LI1 fairly easily by using the central gateway we have here. The conversion of USMARC format to TEL Application Profile is easy, as this conversion is an automated part of the central gateway, so we do not expect a lot of work there (we might need to do some tailoring and tweaking). Please see Appendices A and B of the Implementation Plan for further info

LI Liechtenstein							
ID	Collection name	Digitized objects	OAI	SRU	Z39.50 central	Z39.50 local	WWW Browse-only
LI1	Katalog der Liechtensteinischen Landesbibliothek / Catalogue of Liechtenstein National Library.	•	• (if Exlibris is fast)	○	• (if Exlibris is slow)	○	• (until summer 07)

Table LI1: Implementation overview for Liechtenstein, by collection, by protocol



c. METADATA

- Metadata for LI1 is UTF-8 compliant
- LI1 records are in USMARC format (enhanced with IDS-MARC – IDS=Informationsverbund Deutschschweiz). This means that this collection can probably be made available in TEL quickly: For Z39.50 accessible collections in a MARC-based format using the central Z39.50/SRU gateway there should be no need for major metadata conversions, as the gateway can convert from MARC-based formats to TEL AP automatically. Some tailoring will be needed. See also Appendices A and B

- To make the records harvestable via OAI the records will need to be converted from USMARC to TEL Application Profile (there might be crosswalks available to help you in this process)

d. COLLECTION DESCRIPTIONS

Liechtenstein to create collection description for LI1 in English and German to make it available as a browse-only collection (minimum fields are Title, Description, Identifier (URL), one or more Subject fields, Publisher and Country)

This collection description needs to be expanded to reflect the fact that it will become a searchable collection

Guidelines on how to write good, rich, multi-lingual and complete collection descriptions for TEL will be provided as soon as the implementation work for Liechtenstein starts on 24-04-2007

e. TRANSLATIONS

See 6.6 for required translation effort

Liechtenstein can share the translation workload with TEL Full Partners Germany, Switzerland, Austria
Portal interface and portal help texts are already available in German

f. MARKETING & COMMUNICATION

See 6.7 for required Marketing & Communication effort

Further remarks about M&C for Liechtenstein

We don't actively promote our websites to search engines.

- What audiences are targeted

Sorry, I do not understand, what this question means.

- guided tours:

Once a month at a fixed date we offer a guided tour through the library.

Once a month at a fixed date we offer introduction to our web-OPAC.

Guided tours and introductions to the web-OPAC for schools, associations, groups are always possible on appointment.

- We don't produce books, leaflets, images of library treasure objects (we don't have many treasures)

- Our staff is not involved in other (knowledge) networks

- Does your library staff give presentations for/in other institutions?



We provide training courses for all other libraries in Liechtenstein using ALEPH, we organize periodical meetings for all librarians in Liechtenstein
We provide powerpoint-präsentations about our library, its aims and its projects for associations like Rotary, Zonta and so on

It is possible to use resources/contacts of the Ministry of Education/Culture.

- National and international cooperations:

National cooperation takes place with the [education authority](#). Twice a year we take part in meetings with all cultural institutions of Liechtenstein. We cooperate sometimes with cultural institutions of Liechtenstein and with some offices of the government.

We cooperate international mostly with Switzerland in various working groups, but also with the Landesbibliothek Vorarlberg (Austria) and "Regio Bodensee" (libraries from Switzerland, Germany and Austria, situated near Bodensee).

More than a year ago we started to scan tables of contents of our books (nonfiction) in cooperation with libraries in Germany, Switzerland and Austria.

7.6 Luxembourg



Central contact person for Luxembourg:

Patrick Peiffer - Project Manager/ Electronic Services Dept. - patrick.peiffer@bnl.etat.lu
+352.260 959-412
Skype : tuttiokomm

We will maintain the actions & minutes arising from our (future) EDLproject teleconferences centrally at Google Docs. URL http://docs.google.com/Doc?id=dgcggsms_9gv9s82

a. COLLECTIONS

Searchable collections to be included for Luxembourg

LU1 - Catalogue collectif "bibnet.lu" à partir de 1985

"bibnet.lu" Union catalogue, starting 1985

<http://aleph.etat.lu/>

589.000 records (as counted on 25.10.2006), with some digital objects

Logo to be included



LU2 - Fonds non luxembourgeois de la BnL - Acquisitions antérieures à 1985

Catalogue of non-Luxembourg acquisitions before 1985

http://aleph.etat.lu/F/?func=file&file_name=login&local_base=lux03

Logo to be included

215.000 records, no digital objects



LU3 - Luxemburgensia Online

<http://luxemburgensia.bnl.lu/>

Digitised collection (periodicals and reference works)

Website for 83.345 pages (25.10.2006) from 15 titles.

No logo yet

By Sept-Oct 2007 DigiTool should be operation for this collection

b. INFRASTRUCTURE

Contact details for infrastructure

Carlo Blum - Head of IT services - carlo.blum@cie.etat.lu
+352.260 959-227

Library system used for LU1 and LU2 is AlephV16.

EDLProject Milestone 1.3 – Overall Implementation Plan for 9 target libraries – Final version - March 2007



TEL Office proposes not to use the existing Z39.50 access to your LU1 and LU2 collections, but to start harvesting these 2 collections via OAI by September-Oct 2007

Exlibris is currently working on including the TEL Application Profile into the Aleph OAI-module. They hope to finish that by summer 07. TEL Office will keep all Aleph using national libraries informed on progress

System for LU3 will be DigiTool by Sept-Oct 07

1. OAI

LU1 - OAI-module for Aleph (inc. TEL AP support) should be available by Sept-Oct 2007

LU2 - OAI-module for Aleph (inc. TEL AP support) should be available by Sept-Oct 2007

LU3 – DigiTool with OAI support should become available by Sept-Oct 2007

2. OpenURL resolver

Does Luxembourg have any plans to set up an OpenURL resolver?

LU	LUXEMBOURG						
ID	Collection name	Digitized objects	OAI	SRU	Z39.50 central	Z39.50 local	WWW Brows e-only
LU1	Catalogue collectif "bibnet.lu" à partir de 1985 ("bibnet.lu" Union catalogue, starting 1985)	●	● (Sept 07 onwards. Depending on Aleph-OAI-TEL AP developments)	○	○	○	○
LU2	Fonds non luxembourgeois de la BnL - Acquisitions antérieures à 1985 (Non Luxembourg collections, ending 1985)	○	● (Sept 07 onwards. Depending on Aleph-OAI-TEL AP developments)	○	○	○	○
LU3	Luxemburgensia Online (Digitised collection)	●	●	○	○	○	○

Table LU1: Implementation overview for Luxembourg, by collection, by protocol

c. METADATA

Contact details for metadata

Patrick Peiffer - patrick.peiffer@bnl.etat.lu

+352.260 959-412

LU1 and LU2 : Metadata for is UTF-8 compliant

Metadata need to be converted from MARC to TEL. The Aleph OAI-module with TEL AP support will do that.

LU3 : once DigiTool is up and running, importing collections can be started and METS and ALTO metadata will be added to the collections. From METS records it is planned to extract OAI data to make available via DigiTool.

Regarding METS, LU is contingent on actually having their digitised collections up and running in DigiTool. If this should not be the case, LU will do the OAI later and stick to a browse-only collection.



d. COLLECTION DESCRIPTIONS

Contact details for collection descriptions

Patrick Peiffer - patrick.peiffer@bnl.etat.lu
+352.260 959-412

LU to create collection descriptions for LU1, LU2 and LU3 will need to be written in (at least) English and French by Sept/Oct 2007

Guidelines on how to write good, rich, multi-lingual and complete collection descriptions for TEL will be provided as soon as the implementation work for Luxembourg starts

e. TRANSLATIONS

Contact details for translations

Patrick Peiffer - patrick.peiffer@bnl.etat.lu
+352.260 959-412

See 6.6 for required translation effort

Portal interface elements and portal help texts have already been translated into French
Luxembourg can share future translation work with France and Switzerland

f. MARKETING & COMMUNICATION

Contact details for marketing & communication issues

Patrick Peiffer - patrick.peiffer@bnl.etat.lu
+352.260 959-412

SEE 6.7 FOR REQUIRED MARKETING & COMMUNICATION EFFORT

Further remarks about M&C for Luxembourg

there is currently no designated personnel for marketing and Communication and efforts are quite haphazard. This is hopefully changing in 2007.

What audiences are targeted (schools, universities, other institutions)?

We are engaged in a merger with the university Libraries, which helps us with targetting students better and might

Does your library provide guided tours in the library?

Yes, regularly

Does your library produce of books, leaflets, images of library treasure objects

Yes regularly, especially for the year 2007, when Luxembourg is the cultural capital of Europe, the national library will showcase an "object of the month" from its collections throughout the year.

Is your library staff involved in other (knowledge) networks?

Does your library staff give presentations for/in other institutions?

Surely, I can only speak for myself, I gave a presentation on Creative Commons for digitisation in museums for the Deutscher Museumsbund two weeks ago in Berlin.

Can they use resources/contacts of the Ministry of Education/Culture etc.?

We have excellent relationship to ministry of culture and work verx closely.

What kinds of national and international cooperations is your library involved in (besides CENL/TEL/EDLProject)?

Needed to check, but didn't receive all answers.

7.7 Norway



We will maintain the actions & minutes arising from our (future) EDLproject teleconferences centrally at Google Docs. URL http://docs.google.com/Doc?id=dgcggsms_5fkgjib

For all issues

Steinar Horsdal -Systems Developer - steinar.horsdal@nb.no - +47 75121284 - steinar.horsdal

Cc: Frode Falstad - Section Manager - Frode.falstad@nb.no - +47 75121294

Cc: Svein Arne Solbakk – Director - Svein.solbakk@nb.no - +47 75121216

a. COLLECTIONS

Searchable collections to be included for Norway

NO1 - *The National Library of Norway collection.*

- This collection will start as browse-only, but will be made OAI harvestable by October 2007

- Native interface <http://www.nb.no/sesam>

- Norway to create + put online 12 thumbnails for these collections

11 subcollections based on materials type

NO1a. Books - 1 064 000 (72)

http://www.nb.no/sesam/index.php?query=&search_kat=1&mediatype%5BB%C3%B8ker%5D=1

NO1b. Newspapers - 660 000(654 000)

http://www.nb.no/sesam/index.php?query=&search_kat=1&mediatype%5BAviser%5D=1

NO1c. Maps - 6300(490)

http://www.nb.no/sesam/index.php?query=&search_kat=1&mediatype%5BKart%5D=1

NO1d. Film - 2000(300)

http://www.nb.no/sesam/index.php?query=&search_kat=1&mediatype%5BFilm%5D=1

NO1e. Radio - 950 (925)

http://www.nb.no/sesam/index.php?query=&search_kat=1&mediatype%5BRadio%5D=1

NO1f. Pictures - 94 000 (94 366)

http://www.nb.no/sesam/index.php?query=&search_kat=1&mediatype%5BBilder%5D=1

NO1g. Articles - 52 000 (0)

http://www.nb.no/sesam/index.php?query=&search_kat=1&mediatype%5BArtikler%5D=1

NO1h. Journals - 102 000 (5270)

http://www.nb.no/sesam/index.php?query=&search_kat=1&mediatype%5BTidsskrift%5D=1

NO1i. Posters - 4200 (4200)

http://www.nb.no/sesam/index.php?query=&search_kat=1&mediatype%5BPlakater%5D=1

NO1j. Music - 109 000(200)

http://www.nb.no/sesam/index.php?query=&search_kat=1&mediatype%5BMusikk%5D=1

NO1k. Audio recordings - 2700(41)

http://www.nb.no/sesam/index.php?query=&search_kat=1&mediatype%5BLydopptak%5D=1

(Figures October 2006 - between brackets = # digitised objects)

Browse-only collections to be included for Norway

NO1 + subcollections will be browse-only until Oct 07

b. INFRASTRUCTURE

The currently library system NO1 runs on is a local system

1. OAI

NO1 is currently browse-only, but will be made OAI harvestable by October 2007

2. OpenURL resolver

No OpenURL resolver available or planned

NO	NORWAY						
ID	Collection name	Digitized objects	OAI	SRU	Z39.50 central	Z39.50 local	WWW Browse-only
NO1	The National Library of Norway collection. There are 11 subcollections: NO1a-k, based on material types	●	● (By Oct-Nov 07)	○	○	○	● Until Oct 07
NO1a	Books	●	● (By Oct-Nov 07)	○	○	○	● Until Oct 07
NO1b	Newspapers	●	● (By Oct-Nov 07)	○	○	○	● Until Oct 07
NO1c	Maps	●	● (By Oct-Nov 07)	○	○	○	● Until Oct 07
NO1d	Film	●	● (By Oct-Nov 07)	○	○	○	● Until Oct 07
NO1e	Radio	●	● (By Oct-Nov 07)	○	○	○	● Until Oct 07
NO1f	Pictures	●	● (By Oct-Nov 07)	○	○	○	● Until Oct 07
NO1g	Articles	○	● (By Oct-Nov 07)	○	○	○	● Until Oct 07
NO1h	Journals	●	● (By Oct-Nov 07)	○	○	○	● Until Oct 07
NO1i	Posters	●	● (By Oct-Nov 07)	○	○	○	● Until Oct 07
NO1j	Music	●	● (By Oct-Nov 07)	○	○	○	● Until Oct 07
NO1k	Audio recordings	●	● (By Oct-Nov 07)	○	○	○	● Until Oct 07

Table NO1: Implementation overview for Norway, by collection, by protocol

c. METADATA

The situation regarding the harvesting of metadata in NB (see also figure below):

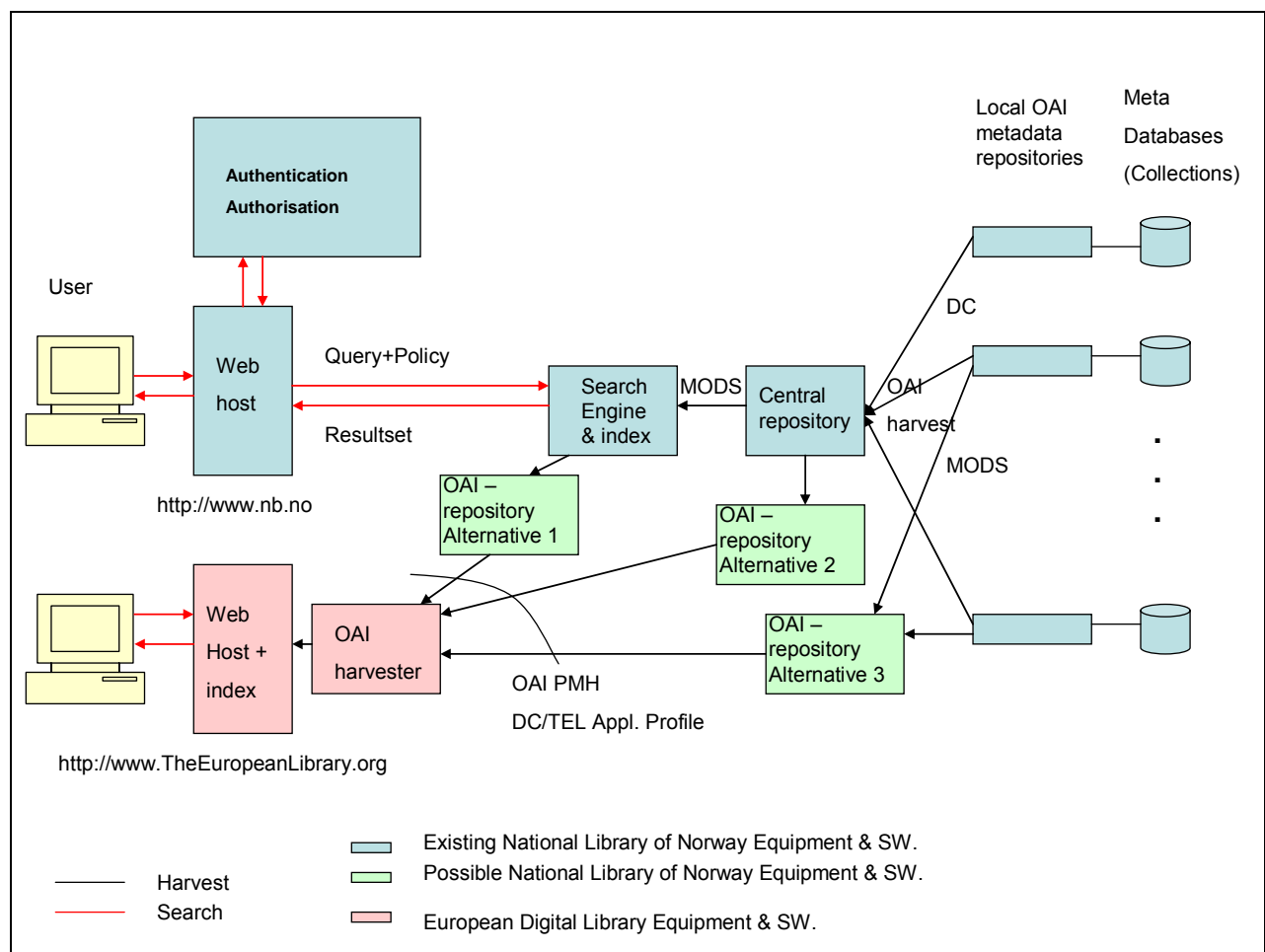
All metadata is harvested using OAI with either a DC or MODS metadata format from local repositories to a central repository. These are later converted to MODS to be read by our search engine and indexed to be available for search at <http://www.nb.no>

From some sources the metadata is harvested incrementally once a day, i.e. only changes are harvested.

From other sources the metadata is harvested totally when needed, which can be time consuming.

What NB needs to implement is a solution for converting the wanted and legal amount of the metadata to the DC/TEL Application profile format. NB also need a solution to make them available to EDL for OAI harvesting

When choosing a solution it is of interest for NB to know the OAI harvesting requirements from EDL with respect to incremental versus total update, i.e. information about volume and frequency.



Current metadata format is MODS. This needs to be converted to DC/TEL AP (a rough estimate is 15 working days (the mapping and converting of metadata part))
 National Library of Belgium also needs to convert from MODS to Dublin Core / TEL Application Profile.
 Please contact Willy Vanderpijpen : willy.vanderpijpen@kbr.be

d. COLLECTION DESCRIPTIONS



Norway can start right away (in April-May) by making a 1+11=12 basic collection description for NO1+ its 11 subcollections in (at least) English and Norwegian to make them available as a browse-only collection. (minimum fields are Title, Description, Identifier (URL), one or more Subject fields, Publisher and Country)

These 11 subcollection descriptions need to be mainly written for exposure reasons (gives a much better exposure of these library materials to TEL users than when Norway would put everything in 1 single big collection)

By October 2007 these collection descriptions need to be expanded to reflect the fact that they are now OAI harvestable collections

e. TRANSLATIONS

See 6.6 for required translation effort

f. MARKETING & COMMUNICATION

See 6.7 for required Marketing & Communication effort

Further remarks about M&C for Liechtenstein

NB has some promotion activities for registration in search engines.

NB has special focus on local libraries, universities in Norway

NB provides guided tours, often to public institutions.

NB provides leaflets, brochures and is currently working on a new magazine.

NB cooperates with museums etc.

NB frequently give presentations for/in other institutions.

NB is organised under Ministry of Culture and has contact persons.

NB is involved in the CENL/TEL/EDLProject and also IFLA.

7. 8. Spain



Central contact person for Spain

Teresa Malo de Molina - Technical Director - directora.tecnica@bne.es - +34 91 5807880

We will maintain the actions & minutes arising from our (future) EDLproject teleconferences centrally at Google Docs. URL http://docs.google.com/Doc?id=dgcggsms_4g48hs5

URL of EDL test portal : http://www.theeuropeanlibrary.org/portal_edl

a. COLLECTIONS

Searchable collections to be included for Spain

SP1 - Catalogue of the National Library of Spain

OPAC with 3,000,000 records representing 6,000,000 holdings in total
URLs to native interface

<http://www.bne.es/cgi-bin/wsirtex?FOR=WBNCNP4> (Spanish)

<http://www.bne.es/cgi-bin/wsirtex?FOR=WBNCNP1> (English)



10 Subcollections

- SP1a. Modern books from 1831
- SP1b. Old books until 1831
- SP1c. Manuscripts and documents
- SP1d. Periodicals and newspapers
- SP1e. Engravings, drawings and photographs
- SP1f. Map and Plans
- SP1g. Video recordings
- SP1h. Musical scores
- SP1i. Sound recordings
- SP1j. Incunabula

Browse-only collections to be included for Spain (until 2008)

After 2007 these will become OAI harvestable

SP2 - Spanish Portraits

Start as browse-only, until 2008

Will be OAI-harvestable by 2008

http://193.146.129.47:7780/iconografia/iconografi_InicioBusqueda.jsp?id_expo=2

4.890 records

SP3 - Posters of the Spanish Civil War

Start as browse-only, until 2008

Will be OAI-harvestable by 2008

http://193.146.129.47:7780/guerraCivil/guerracivi_InicioBusqueda.jsp?id_expo=1

456 records



SP4 - Spanish Cartography (From XVI to XIX Century)

Start as browse-only, until 2008

Will be OAI-harvestable by 2008

http://193.146.129.47:7780/Cartografia/cartografi_InicioBusqueda.jsp?id_expo=3

<http://193.146.129.47:7780/Cartografia/InicioMapas.jsp>

1.650 records

SP5 - Quijote's digital editions

Start as browse-only, until 2008

Will be OAI-harvestable by 2008

http://193.146.129.47/digi_quijote/index.html

54 records

SP6 - Goya at the National Library

Start as browse-only, until 2008

Will be OAI-harvestable by 2008

http://www.bne.es/productos/Goya/home_goya.html

411 records

b. INFRASTRUCTURE & METADATA

Contact details for infrastructure

Belen LLera (Responsible of our library system) Email : belen.llera@bne.es

Contact details for metadata

Paloma Peña - Deputy Technical Director - Paloma.pena@bne.es - +34 915807775

For SP1+subcollections

Current system

- Locally made system.
- Character set used in the records is ISO 8859-1 (not Unicode!)
- SP1 records are currently described in IBERMARC (similar to USMARC).

New system by Oct-Dec 2007

- Spain is planning on migrating SP1 to new system (SirsiDynix) by Oct-Dec 2007.
- This new system will not support OAI-PMH.
- SP1 will migrate to MARC21 + Unicode by Oct-Dec 2007.

→ Scenario 1 : Z39.50 (start with)

TEL Office to test access, speed and stability of Z39.50 server

TEL Office to set up a Z39.50/SRU gateway

TEL Office to create crosswalk IBERMARC → TEL AP

SP to correct encoding (to Unicode)

→ Scenario 2 :OAI (if Z39.50 fails)

If SP1 can't be made accessible via Z39.50 before 13 April, Spain will need to set up the stand-alone OAI-server. They need to do that anyway if they want to make SP1 available in the TEL Central Index

In this case:

After some tweaking the OAI server might be able to automatically convert IBERMARC records into

TEL Appl Profile → TEL Office to check

Alternatively, if the BNE already has (or can create/crosswalk) its records to OAI-DC (and formatted in XML), the conversion step can be skipped by the stand-alone OAI server

For SP2-6

EDLProject Milestone 1.3 – Overall Implementation Plan for 9 target libraries – Final version - March 2007



SP2-SP6 is going to be integrated in a new system (including OAI-PMH) to manage the digital library (different from the new SisiDynix ILS for SP1) This migration will not be finished before 2008. SP2-6 will be browse-only until end of 2007

SP SPAIN							
ID	Collection name	Digitized objects	OAI	SRU	Z39.50 central	Z39.50 local	WWW Browse-only
SP1	Catalogue of the National Library of Spain	??	● (later stage)	○	● (to begin with)	○	○
SP1a	Modern books from 1831	??	● (later stage)	○	● (to begin with)	○	○
SP1b	Old books until 1831	??	● (later stage)	○	● (to begin with)	○	○
SP1c	Manuscripts and documents	??	● (later stage)	○	● (to begin with)	○	○
SP1d	Periodicals and newspapers	??	● (later stage)	○	● (to begin with)	○	○
SP1e	Engravings, drawings and photographs	??	● (later stage)	○	● (to begin with)	○	○
SP1f	Map and Plans	??	● (later stage)	○	● (to begin with)	○	○
SP1g	Video recordings	??	● (later stage)	○	● (to begin with)	○	○
SP1h	Musical scores	??	● (later stage)	○	● (to begin with)	○	○
SP1i	Sound recordings	??	● (later stage)	○	● (to begin with)	○	○
SP1j	Incunabula	??	● (later stage)	○	● (to begin with)	○	○
SP2	Spanish Portraits	●	● (from 2008 onwards)	○	○	○	● (until 2008)
SP3	Posters of the Spanish Civil War	●	● (from 2008 onwards)	○	○	○	● (until 2008)
SP4	Spanish Cartography (From XVI to XIX Century)	●	● (from 2008 onwards)	○	○	○	● (until 2008)
SP5	Quijote's digital editions	●	● (from	○	○	○	● (until 2008)

			2008 onwards)				
SP6	Goya at the National Library	•	• (from 2008 onwards)	○	○	○	• (until 2008)

Table SP1: Implementation overview for Spain, by collection, by protocol

c. COLLECTION DESCRIPTIONS

Contact details for collection descriptions

Paloma Peña - Deputy Technicla Director - Paloma.pena@bne.es - +34 915807775

→ Spain to write

1+10 =11 collection descriptions for SP1 + subcollections

5 collections descriptions for SP2-6

in at least in English and Spanish

See <<criteria_good_coll_descr_3.txt>> (SuperCollection / isPartOf elements)

→ Spain to create + put online

11 thumbnails for SP1

thumbnails for SP2-6

and incorporate the URLs of these logos in collection descriptions

Thumbnails should be approx. 100x100pixels, in GIF or JPG, and the URL of the logo should be included in the <Thumbnail> element of the collection description)

e. TRANSLATIONS

Contact details for translations

Belen LLera (Responsible of our library system) - belen.llera@bne.es

See 6.6 for required translation effort

f. MARKETING & COMMUNICATION

Contact details for marketing & communication issues

Araceli Sánchez Piñol (Responsible of our Institutional Relations) - araceli.sanchez@bne.es

See 6.7 for required Marketing & Communication effort

Further remarks about M&C for Spain

Marketing via own publication, exhibitions and cultural activities.

Beginning a special line of information for professionals. Seminars in the library where collections and projects are discussed.

REBIUN - network of the university libraries in Spain: agreement with them to cooperate and exchange information.

Work with SEDIC - Spanish society for information and scientific documentation. Seminars with them about various technical issues regarding libraries.



7.9 Sweden

Mats Lindquist - Overall contact
mats.lindquist@kb.se - +46 8 463 4273



We will maintain the actions & minutes arising from our (future) EDLproject teleconferences centrally at Google Docs. URL
http://docs.google.com/Doc?id=dgcggsms_6hhxnk9

a. COLLECTIONS

Searchable collections to be included for Sweden

SE1 Regina - Catalogue of the National Library of Sweden
- <http://www.kb.se/regina/eng/Regina.htm>
- 2,200,000 records
- Aleph library system
- Logo missing

Subcollections of Regina to be included explicitly in The European Library

SE1a Dissertations - Doctoral dissertations - mainly from Swedish universities
- http://embla.kb.se/F/?func=file&file_name=find-b&local_base=avhandlingar
- Logo missing

SE1b Periodicals - Journals and periodicals in KB's collections
- http://embla.kb.se/F/?func=file&file_name=find-b&local_base=tidskrifter
- Logo missing

SE1c Printed music - Swedish printed music from 1986 and onwards.
- http://embla.kb.se/F/?func=file&file_name=find-b&local_base=musiktryck
- Logo missing

SE1d Posters
- More than 2000 posters (mainly political ones).
- 6.800 records, about 2000 digital objects
- http://embla.kb.se/F/?func=file&file_name=find-b&local_base=affischer
- Logo missing

SE1e Maps
- Printed maps and atlases from 1986 onwards.
- 13,000, about 100 digitized objects
- http://embla.kb.se/F/?func=file&file_name=find-b&local_base=kartor
- Logo missing

b. INFRASTRUCTURE

Contact details for infrastructure

EDLProject Milestone 1.3 – Overall Implementation Plan for 9 target libraries – Final version - March 2007



Martin Malmsten - martin.malmsten@kb.se - +46 8 463 4258

1. OAI

SE1 + 5 subcollections will be made available via OAI, from Oct 07 onwards

2. OpenURL resolver

SE is running SFX-installation

SE	SWEDEN						
ID	Collection name	Digitized objects	OAI	SRU	Z39.50 central	Z39.50 local	WWW Browse-only
SE1	Regina - Catalogue of the National Library of Sweden	•	•	○	○	○	○
SE1a	Dissertations	•	•	○	○	○	○
SE1b	Periodicals	•	•	○	○	○	○
SE1c	Printed music	•	•	○	○	○	○
SE1d	Posters collection	•	•	○	○	○	○
SE1e	Maps collection	•	•	○	○	○	○

Table SE1: Implementation overview for Sweden, by collection, by protocol

c. METADATA

Contact details for metadata

Anders Cato - Metadata & collection descriptions - anders.cato@kb.se - +46 8 463 4429

Metadata for SE1 is UTF-8 compliant and in MARC21 format

Metadata for SE1 needs to be converted into TEL AP compliant format by Oct 2007.

By Oct07 Aleph should have delivered an OAI-module including TEL AP. TEL Office will keep Sweden informed on how this development is progressing.

d. COLLECTION DESCRIPTIONS

Contact details for collection descriptions

Anders Cato - anders.cato@kb.se - +46 8 463 4429

Sweden can start right away by making 6 collection descriptions for SE1+ 5 subcollections (in at least) English and Swedish)

They need to reflect the fact that SE1 has 5 subcollections (use the <superCollection> and <isPartOf> elements)

Guidelines on how to write good, rich, multi-lingual and complete collection descriptions for TEL will be provided as soon as the implementation work for Sweden starts by Oct 2007

e. TRANSLATIONS

Contact details for translations

Martin Malmsten - martin.malmsten@kb.se - +46 8 463 4258



See 6.6 for required translation effort

f. MARKETING & COMMUNICATION

Contact details for marketing & communication issues
Lena Jacobson - lena.jacobson@kb.se

See 6.7 for required Marketing & Communication effort



8. Numbers and overview of collections to be included in The European Library by EDLproject Partners

Latest update: xx January 2007

Total number of collection descriptions to be written = number of collections	58
<i>Number of Browse-only/WWW collections (as expected in Feb 2008)</i>	8
<i>Number of searchable collections collections (as expected in Feb 2008)</i>	50
- Accessible via OAI	44
- Accessible via SRU	0
- Accessible via Z39.50	6
<i>Number of collections with digital content</i>	36, with possibly up to 19 extra

Overview of all collections to be included in TheEuropeanlibrary.org by EDLproject partners in the period February 2007 – February 2008.

For each collection the available access protocols are listed. The table also indicates if a collection contains digitized materials

•	Collection is accessible, will be accessible or is likely to be made accessible via this protocol (before Feb 2008) For the column <i>Digitized objects</i> it indicates that the collections contains digitized materials (images, PDFs, full text books, etc...)						
○	Collection is not accessible now and will not be made accessible via this protocol (before Feb 2008) For the column <i>Digitized objects</i> it indicates that the collections does <i>not</i> contain digitized materials (images, PDFs, full text books, etc...)						
?	More info on planned accessibility needed from library for this collection via this protocol						
BE BELGIUM							
ID	Collection name	Digitized objects	OAI	SRU	Z39.50 central	Z39.50 local	WWW Browse-only
BE1	<i>Catalogues of the National Library of Belgium. 2 subcollections:</i>	•	• (from mid May 07 onwards)	○	○	○	○
BE1a	Main Catalogue	?	• (from mid May 07 onwards)	○	○	○	○
BE1b	Retrospective Catalogue	?	• (from mid May 07 onwards)	○	○	○	○
BE2	Medals collections	•	○	○	○	○	• (from Mid April 07 onwards)

BE3	Drawings collection	?	○	○	○	○	● (from Mid April 07 onwards)
BE4	Prints collection	●	○	○	○	○	● (from Mid April 07 onwards)
BE5	Photographs collections	?	○	○	○	○	● (from Mid April 07 onwards)
BE6	E-depot	?	○	○	○	○	● (from Mid April 07 onwards)
BE7	Images of library record cards	?	○	○	○	○	● (from Mid April 07 onwards)
GR	GREECE						
<i>ID</i>	<i>Collection name</i>	<i>Digitized objects</i>	<i>OAI</i>	<i>SRU</i>	<i>Z39.50 central</i>	<i>Z39.50 local</i>	<i>WWW Browse-only</i>
GR1	Main Catalogue of the National Library of Greece	○	○	○	●	●	○
GR2	Digitised Newspapers	●	○	○	○	○	●
IS	ICELAND						
<i>ID</i>	<i>Collection name</i>	<i>Digitized objects</i>	<i>OAI</i>	<i>SRU</i>	<i>Z39.50 central</i>	<i>Z39.50 local</i>	<i>WWW Browse-only</i>
IS1	Union catalogue for Icelandic libraries (GEGNIR)	●	●(Nov-Dec onwards)	○	● (Jun-Nov 2007)	○	● (Until May-Jun 07)
IS2	Digitised collection of Journals and Newspapers - <i>Tamarit.is</i>	●	●(From Oct-Nov 07)	○	○	○	●(Until Oct-Nov 07)
IS3	Antique maps of Iceland (<i>Kort.bok.is</i>)	●	●(Dec 07-Jan 08 onwards)	○	○	○	●
IS4	Icelandic medieval literature - Manuscripts and books published before 1901 – <i>saganet.is</i>	●	○	○	○	○	●
IE	IRELAND						
<i>ID</i>	<i>Collection name</i>	<i>Digitized objects</i>	<i>OAI</i>	<i>SRU</i>	<i>Z39.50 central</i>	<i>Z39.50 local</i>	<i>WWW Browse-only</i>
IE1	Main Catalogue of the National Library of Ireland	●	○	○	●	●	○
IE1a	Books and Periodicals	??	○	○	●	●	○

IE1b	Manuscripts	??	○	○	●	●	○
IE1c	Photographs	●	○	○	●	●	○
IE1d	Prints and Drawings	●	○	○	●	●	○
LI	LIECHTENSTEIN						
<i>ID</i>	<i>Collection name</i>	<i>Digitized objects</i>	<i>OAI</i>	<i>SRU</i>	<i>Z39.50 central</i>	<i>Z39.50 local</i>	<i>WWW Browse-only</i>
LI1	Katalog der Liechtensteinischen Landesbibliothek / Catalogue of Liechtenstein National Library.	●	● (if Exlibrix is fast)	○	● (if Exlibris is slow)	○	● (until summer 07)
LU	LUXEMBURG						
<i>ID</i>	<i>Collection name</i>	<i>Digitized objects</i>	<i>OAI</i>	<i>SRU</i>	<i>Z39.50 central</i>	<i>Z39.50 local</i>	<i>WWW Browse-only</i>
LU1	Catalogue collectif "bibnet.lu" à partir de 1985 ("bibnet.lu" Union catalogue, starting 1985)	●	●	○	○	○	○
LU2	Fonds non luxembourgeois de la BnL - Acquisitions antérieures à 1985 (Non Luxembourg collections, ending 1985)	○	●	○	○	○	○
LU3	Luxemburgensia Online (Digitised collection)	●	●	○	○	○	○
NO	NORWAY						
<i>ID</i>	<i>Collection name</i>	<i>Digitized objects</i>	<i>OAI</i>	<i>SRU</i>	<i>Z39.50 central</i>	<i>Z39.50 local</i>	<i>WWW Browse-only</i>
NO1	The National Library of Norway collection. There are 11 subcollections: NO1a-k, based on material types	●	● (By Oct-Nov 07)	○	○	○	● (Until Oct 07)
NO1a	Books	●	● (By Oct-Nov 07)	○	○	○	● (Until Oct 07)
NO1b	Newspapers	●	● (By Oct-Nov 07)	○	○	○	● (Until Oct 07)
NO1c	Maps	●	● (By Oct-Nov 07)	○	○	○	● (Until Oct 07)
NO1d	Film	●	● (By Oct-Nov 07)	○	○	○	● (Until Oct 07)
NO1e	Radio	●	● (By Oct-Nov 07)	○	○	○	● (Until Oct 07)
NO1f	Pictures	●	● (By	○	○	○	● (Until

			Oct-Nov 07)				Oct 07
NO1g	Articles	○	●(By Oct-Nov 07)	○	○	○	●Until Oct 07
NO1h	Journals	●	●(By Oct-Nov 07)	○	○	○	●Until Oct 07
NO1i	Posters	●	●(By Oct-Nov 07)	○	○	○	●Until Oct 07
NO1j	Music	●	●(By Oct-Nov 07)	○	○	○	●Until Oct 07
NO1k	Audio recordings	●	●(By Oct-Nov 07)	○	○	○	●Until Oct 07
SP SPAIN							
<i>ID</i>	<i>Collection name</i>	<i>Digitized objects</i>	<i>OAI</i>	<i>SRU</i>	<i>Z39.50 central</i>	<i>Z39.50 local</i>	<i>WWW Browse-only</i>
SP1	Catalogue of the National Library of Spain	??	● (later stage)	○	● (to begin with)	○	○
SP1a	Modern books from 1831	??	● (later stage)	○	● (to begin with)	○	○
SP1b	Old books until 1831	??	● (later stage)	○	● (to begin with)	○	○
SP1c	Manuscripts and documents	??	● (later stage)	○	● (to begin with)	○	○
SP1d	Periodicals and newspapers	??	● (later stage)	○	● (to begin with)	○	○
SP1e	Engravings, drawings and photographs	??	● (later stage)	○	● (to begin with)	○	○
SP1f	Map and Plans	??	● (later stage)	○	● (to begin with)	○	○
SP1g	Video recordings	??	● (later stage)	○	● (to begin with)	○	○
SP1h	Musical scores	??	● (later stage)	○	● (to begin with)	○	○

SP1i	Sound recordings	??	• (later stage)	○	• (to begin with)	○	○
SP1j	Incunabula	??	• (later stage)	○	• (to begin with)	○	○
SP2	Spanish Portraits	•	• (from 2008 onwards)	○	○	○	• (until 2008)
SP3	<i>Posters of the Spanish Civil War</i>	•	• (from 2008 onwards)	○	○	○	• (until 2008)
SP4	<i>Spanish Cartography (From XVI to XIX Century)</i>	•	• (from 2008 onwards)	○	○	○	• (until 2008)
SP5	Quijote's digital editions	•	• (from 2008 onwards)	○	○	○	• (until 2008)
SP6	Goya at the National Library	•	• (from 2008 onwards)	○	○	○	• (until 2008)
SE SWEDEN							
<i>ID</i>	<i>Collection name</i>	<i>Digitized objects</i>	<i>OAI</i>	<i>SRU</i>	<i>Z39.50 central</i>	<i>Z39.50 local</i>	<i>WWW Browse-only</i>
SE1	Regina - Catalogue of the National Library of Sweden	•	•	○	○	○	○
SE1a	Dissertations	•	•	○	○	○	○
SE1b	Periodicals	•	•	○	○	○	○
SE1c	Printed music	•	•	○	○	○	○
SE1d	Posters collection	•	•	○	○	○	○
SE1e	Maps collection	•	•	○	○	○	○



APPENDIX A: About Z39.50 gateways

Main contact person for more information about Z39.50/SRU gateways:

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A SRU/Z39.50-gateway (Z39.50 gateway, or just gateway, for short) is software (a web server cgi-script) that translates a SRU searchRetrieve request into a Z39.50 session which will find and retrieve the requested records from a pre-specified Z39.50 target.

In addition to this protocol conversion, the gateway can perform other conversions:

1. From the standard TEL search language (CQL) to a local search language provided by the Z39.50 target. This includes character set conversions if necessary.
2. The conversion of the record format provided by the Z39.50 target to the TEL Application Profile (TELAP), again including character set conversions.
3. The addition of other data not included in the catalogue records, for example links to documents, services, OpenURL etc...

The gateway is a separate “translator“ component in the TEL infrastructure - sitting between The European Library portal and the Z39.50 database - so it has nothing to do with whether or not a library system or database supports Z39.50

The gateway is needed by The European Library portal to access Z39.50 targets, because The European Library portal *only* speaks SRU, so it needs a translator to be able to talk to Z39.50 databases, hence the translator = the gateway.

TEL Office runs an operational SRU/Z39.50-gateway, which is referred to as the "**central gateway**". Currently most TEL Full Participants use this central gateway.

In the coming months The European Library Office plans to decentralise the central gateway by having members set up their own local implementation of the gateway software, on their own systems and under their own local control. This is what is meant by "**local Z39.50/SRU gateway**". TEL Office is currently creating an easy-to-use software installation package for the local gateway, to facilitate dissemination & installation in TEL partner libraries.

Currently the National Library of Hungary (OSZK) already successfully operates a local gateway based on the YAZ proxy (www.indexdata.dk/yazproxy/)

Power and capabilities of the central Z39.50/SRU gateway

If a library is using Z39.50 and (standardized) MARC21, the gateway can convert automatically to TEL AP.

But if a library is using local fields for something that needs to be included in the TEL AP - for example a link to an online document or a link to a display of the original catalogue record - there may need to be some tailoring, which is usually quite simple. This type of tailoring and testing takes from a couple of hours to a day or so.

Also the character should be Unicode if possible.

If the library is using Z39.50 and UNIMARC, the gateway can convert automatically to TEL AP
But: the conversion for UNIMARC is not a "good" as the one for MARC21. It needs more work.

If the library is using Z39.50 and MARCXML, the gateway can pass the records, so output is also MARCXML.

That should be possible in the central gateway, although it has not been tested.

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At the moment the central gateway cannot convert MarcXML to TEL AP
But see Appendix B. The current conversion is from ISO 2709 to the TEL AP.

Non - MARC formats

The gateway can handle other local (non-MARC) formats by writing custom code for it. For example the British Library has conversions for their sound catalogue which uses a strange, local format based on MARC. Writing the code isn't the usually the difficult part. The difficult part is producing a good crosswalk between the local format and the TEL AP and testing with live data.

So if there are local formats it might represent a couple of week's work to develop a tailored gateway depending on the quality of the MARC records. For example: providing the gateway for the Slovenian National Library took about two weeks largely because there were some errors in the records

At this moment the central gateway can also handle (via Z39.50) :

- SUTRS format : the British Library ETOC database is accessed using this format.
- XML/DC format : ISTC, ICCU and at first the DDB catalogue. If necessary the gateway changes to DC data to make it fit the TEL AP.

Using http/XML the gateway can handle :

- Google Search Appliance
- PubMed Entrez databases

All the above gateways will require some tailoring to local requirements.