

**eContent Programme**  
**reUSE digital master files of printed publications**  
**(eContent Project No. 11173)**

**Deliverable D 5.2**  
**Statement of Success Stories**



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**Contributors: NLE, UBER, UBI, ONB**  
**Confidentiality: Public**

## Executive Summary

Successful action in the context of the reUSE project is defined in the following way:

- Public sector institutions which are editing yearbooks, reports, journals are contacted by one of the reUSE partners in Germany, Austria or Estonia.
- They are informed about the main message of the reUSE project: reUSE libraries are not only collecting the printed version of a publication they also care about the digital print master since this digital master file represents much more the actual value of a publication than the pure printed copy.
- The contacted public sector institution agrees with this approach; the institution is satisfied that their publications are preserved for the long term in digital form as well.
- A submission agreement is concluded. The public sector institution as well as the library agree that the necessary resources for organising the delivery and preservation process are provided for free. Both partners see a clear benefit for their institution.
- In some cases this success story is prolonged with value added services, e.g. to digitise the backlist of a publication. Then the library acts as service provider and again the created files are preserved for the long term in a trusted digital repository.

Successful actions in this sense have been realised with some dozens of public sector institutions in Austria, Germany and Estonia and in the second half of the project this will be intensified.

The examples below show that “success” can have different faces and that different public sector institution need different approaches and strategies.

In the following at least two stories of every library are mentioned:

### National Library of Estonia

- Estonian Institute
- Ministry of Social Affairs

### Humboldt University Berlin

- Reports of the Institute for Computer Science
- BBAW Publications
- HTWK Cooperation with project HTWK Wissen online

### University Innsbruck Library

- Gemeinde Götzens
- Wirtschaftskammer Tirol

### **Austrian National Library**

- Federal Chancellery
- IBW - Institute for Research on Qualification and Training of the Austrian Economy

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## 1 Introduction

The main issue in question for the reUSE project was: Will public sector institutions appreciated our approach to collect the digital print masters or will they be reluctant towards the reUSE service?

Though there has been a lot of discussion on the cooperation between libraries and publishers there are currently only a very few libraries collecting ready-to-print digital master files of publications. Well known examples are Die Deutsche Bibliothek<sup>1</sup> which gathers publications of the Springer Verlag and the Royal Library of the Netherlands<sup>2</sup> which collects publications of Elsevier.

But of course these examples are not to compare with the reUSE approach where administrative units of different size and importance, educational bodies, associations, NGOs, parties and other public sector institutions are contacted on the regional level.

The experiences after having introduced the service are extremely positive: Nearly all public sector institutions are willing to cooperate with their library and many of them already entered agreements in order to deliver their print masters.

There are nine examples from three countries adduced, that represent quite different organisations. So we do have a good overview now above the needs, wishes and problems of public sector institutions concerning long term preservation of electronic documents.

## 2 National Library of Estonia (Krista Kiisa)

### 2.1 Estonian Institute

The Estonian Institute is founded by former President, Mr Lennart Meri. It is a small organisation with big public mission, having the branche-offices in Finland, Sweden, France and Hungary.

The Estonian Institute as a content-provider attracted reUSE team from the very beginning and we started to negotiate with them to get digital versions of their publications into the reUSE archive called DIGAR.

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<sup>1</sup> Die Deutsche Bibliothek, <http://www.ddb.de/>

<sup>2</sup> Koninklijke Bibliotheek – National Library of the Netherlands, <http://www.kb.nl/>

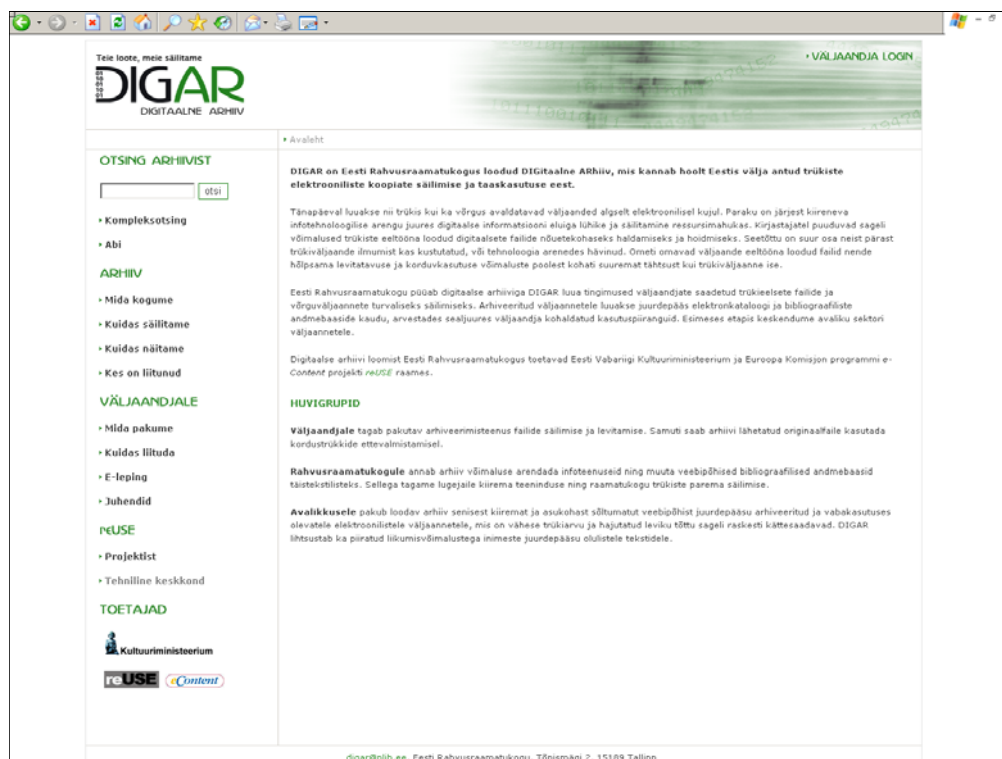


Illustration I. DIGAR (DIGital ARchive) webpage (NLE), <http://digar.nlib.ee>

The publications of the Estonian Institute are very popular and the published content (texts and illustrations) are worth of preserving. The main topics published are Estonian history, culture, language, nature, life style etc. The target group of the publications are Estonians living in Estonia and a wide range of interested readers in abroad. Especially for last group it would be useful and perhaps the only choice to get the publications of Institute in electronic format.

As NLE has already a long relationship with the organisation from earlier co-operation, so getting into contact in digital archiving issues was not a big problem.

Soon after the archive's invitation letter to adopt reUSE-service, the director of the Estonian Institute made a call and showed the interest and had some ideas to make co-operation more fruitful for them. After sending digital master files into the archive, the Institute is interested to put the list of archived publications also to their own home-page with the link to user files in DIGAR archive. It would be a value-added for the depositor, who wants to have the information in its homepage, but who doesn't have conditions for proper archiving.

Pid	Pealkiri	Autor	Kirjastaja	Ilumisaeg
nlib-digar:120	Eesti ja Euroopa Liidu ühinemiseläbiviimised - areng, probleemid, perspektiivid nr. 9	Streimann, Alar	Riigikantselei Tartu Ülikool. Euroopa Kolledž	2001
nlib-digar:99	Eesti ja Euroopa Liit : [ELIS teabeleht]		Riigikantselei Euroopa Liidu Infokirjandus	1997-2003
nlib-digar:98	Eesti Otsus : ajakiri Eesti liitumisest Euroopa Liiduga		Riigikantselei	2002-2003
nlib-digar:131	Eesti positsioon otseste välisinvesteeringute sihtrühma Euroopa Liidu laienemise kontekstis nr. 10	Reiljan, Ela	Riigikantselei Tartu Ülikool. Euroopa Kolledž	2001
nlib-digar:123	Eesti põllumajanduse areng ja konkurentsivõime Euroopa Liiduga ühinemise eel nr. 4	Reiljan, Janno	Riigikantselei Tartu Ülikool. Euroopa Kolledž	2000
nlib-digar:136	Eesti tööturg ja tööpoliitika Euroopa Liitu integreerumisel nr. 1	Eamets, Raul	Riigikantselei Tartu Ülikool. Euroopa Kolledž	2000
nlib-digar:48	Euro kasutuselevõtu mõjust Euroopa majandusarengule nr. 5	Randveer, Mare Korhonen, Iikka	Eesti Pank	2000
nlib-digar:129	Euroopa - integratsioon läbi konfliktide nr. 8	Kaplinski, Jaan	Riigikantselei Tartu Ülikool. Euroopa Kolledž	2001
nlib-digar:122	Euroopa Kolledži loengud		Riigikantselei Tartu Ülikool. Euroopa Kolledž	2000-

Illustration II. DIGAR's search interface (search made: word "Europe" in title)

After changing information by e-mail and phone, meeting with the director of the institute was organised. The archive's homepage and services were presented, further details of sending files were discussed and a practical exercise of uploading files was done. On the moment, a submission agreement is proceeded and signed.

## 2.2 Ministry of Social Affairs

The other case is the Ministry of Social Affairs, one of the first state institutions who replied to our introducing e-mail, and one of the first institutions who signed the submission agreement.

The speciality of the institution: the ministry is a huge organisation with many different units producing the public information on printed and electronic form. Most of the PDF-files of published publications are also available on the ministry's homepage.

We started making contacts with the information management department, who publish the biggest percent of ministry's publications. As some publications are also published by public relations department, the managing of all the ministry's publications was decided to put into the shoulders of ministry's library. The contact person with NLE's archive will be the chief librarian of ministry's library.

The information management department expressed the deep interest to preserve their digital master-files in reUSE-archive. Up to now the files of publications are dispersed in different editors/compiler computers. Some of them were recorded on CDs and sent to the ministry's library and after that deleted. The serious security reason to archive the master files in reUSE-archive was the thievery of recorded CDs a year ago, which took place in Ministry's library. The other valuable argument was the need to increase access

to the ministry's publications. Publications are mainly distributed free of charge, not sold by booksellers.

In cooperation with reUSE-archive the ministry hopes to get precise overview of its prior publications left in editor's computers and organise the further activity in archiving digital master files of its coming publications.

For explaining the archive's services in detail, there was the meeting where representatives of units dealing with preparing ministry's publications like information management department, public relations department and library were present. The atmosphere of the meeting was willing to co-operate. There was also discussion about making a proposal to the ministry's sub-institutions (several boards on social questions) for archiving their publications in reUSE archive.

Then comes a period of proceeding the submission agreement by the ministry's legal department. The agreement was signed on the 27th of June.

The practical details and next procedures have been fixed:

Depositor sends us regularly links for down-loading the files of their publications which are available on ministry's homepage. Other documents, not published in web-page (paper publications, studies etc.), will be sent to the archive by ftp.

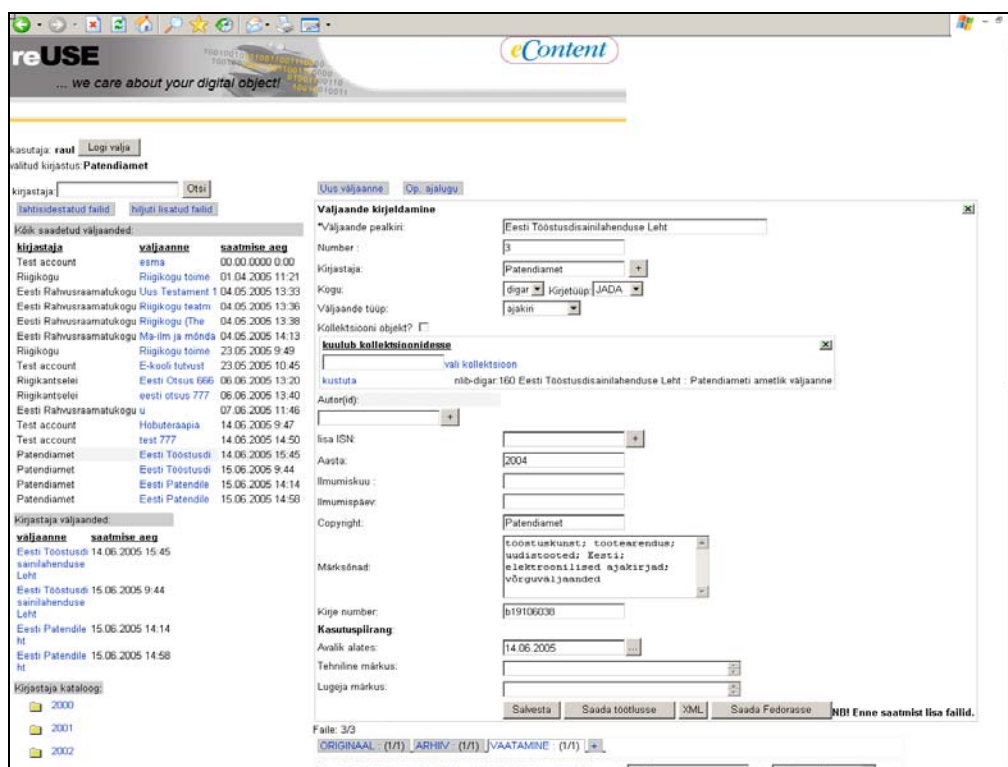


Illustration III. Operator's interface. On the left the list of objects sent to DIGAR Ingest buffer by depositors using ftp upload



Teie loote, meie säilitame

**DIGAR**  
DIGITAALNE ARHIIV

Kirjastus: RK kasutaja: **peeter** Logi välja

Ajalugu  
Abi

**FTP-sse laetud failid**

- dokument
- pärnaste
- urmas
- [LISA] 00\_algus.ps
- [LISA] 01\_essee.ps
- [LISA] 02\_poliitil\_foorum.p  
s
- [LISA] 03\_pohiseadus.pdf
- [LISA] 03\_pohiseadus.ps
- [LISA] 04\_uuringud.pdf
- [LISA] 04\_uuringud.ps
- [LISA] 05\_kodanikeyhisk.pdf

**Väljaande kirjeldamine**

\*Väljaande pealkiri: Riigikogu Toimetised nr.9

Autor(id): Eesnimi Perenimi

Aasta: 2004

Copyright: Riigikogu Kantselei

Väljaande kasutuspiirang: :

Avalik alates: 02.05.2005

Saada arhiivi NB! Enne saatmist lisa failid.

**Väljaandega seotud failid õiges järjestuses:**

Failinimi	Märkus faili kohta	Kasutuspiirangud
1. 00_algus.pdf eemalda		Kältesaadav ↑ ↓
2. 01_essee.pdf eemalda		Kältesaadav ↑ ↓
3. 02_poliitil_foorum.p df eemalda		Kältesaadav ↑ ↓

Illustration IV. DIGAR DEPOSITOR's interface. Shows the files (on the left) sent to DIGAR by Depositor using ftp and enables to describe them (on the right)

### 3 Humboldt University Berlin (Susanne Dobratz)

#### 3.1 Reports of the Institute for Computer Science

The „Informatikberichte“, reports of the Institute for Computer Science, have been available about the edoc-server since April 2005. The “Informatikberichte” are published by the professors of the institute since 1990. The topics range from documentation of software to project reports. This publication is collected by the Deutsche Bibliothek, by university libraries Hannover and Chemnitz, by Bayrische Staatsbibliothek and by the university library of the Humboldt-University.

Now the print-master files are electronically stored and archived. Today the edoc-server offers more than 15 reports. The reports can be read on the web or ordered as ProPrint Print-On-Demand publication.

Illustration XVIII shows screenshot of edoc-server with metadata-frontpage and ProPrint basket. <http://edoc.hu-berlin.de/series/informatik-berichte/>

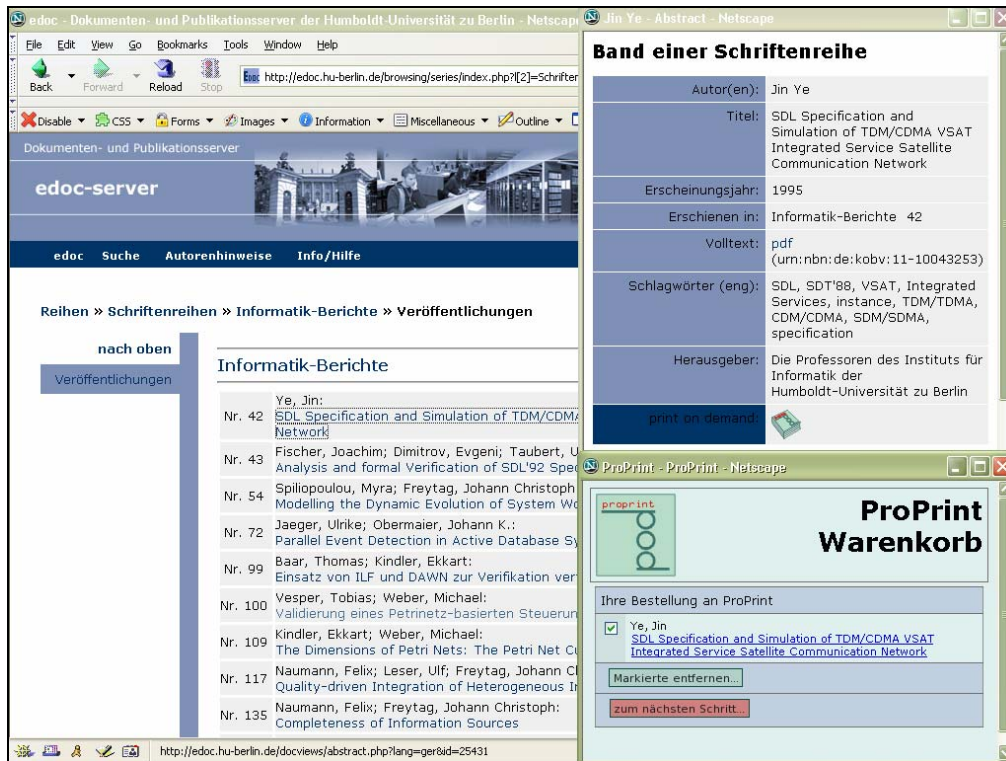


Illustration V

### 3.2 BBAW Publications

We have succeeded to win the Berlin Brandenburgische Akademie der Wissenschaften (BBAW) as customers of our hosting offer. The BBAW gets an independent area on the edoc-Server. Publications from different areas of science and projects are provided storage and are publicly available in this area. The BBAW edoc server will be accessible in autumn 2005.

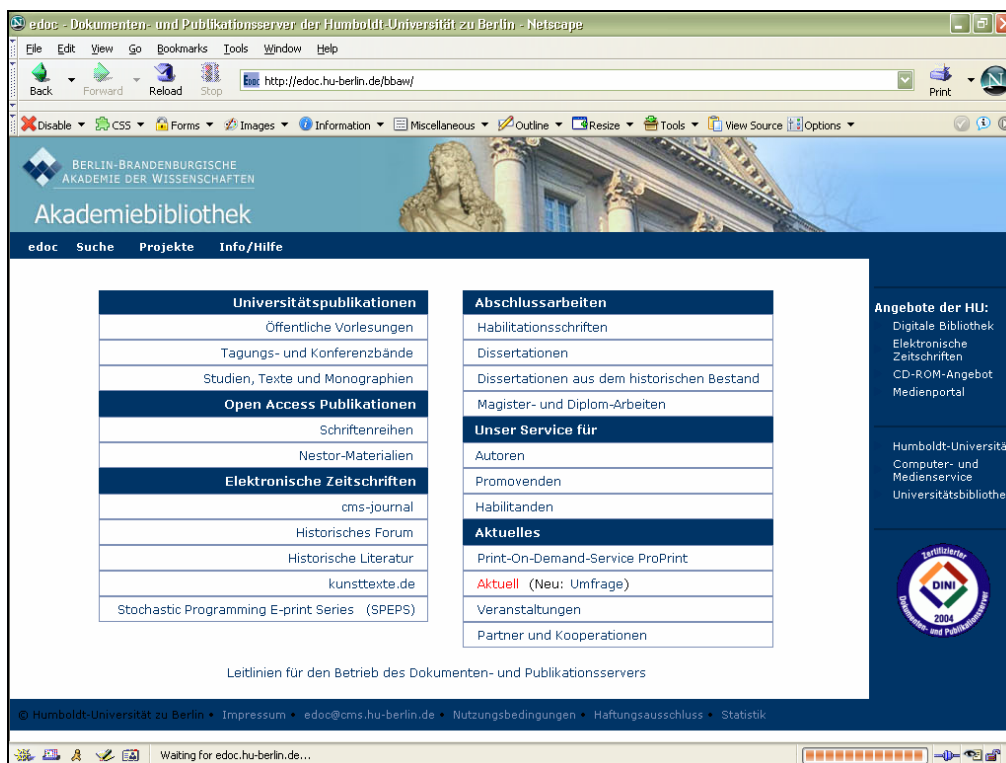


Illustration VI  
Screenshot of BBAW edoc server (testpage)

### 3.3 HTWK Cooperation with project HTWK Wissen online

The offer of cooperation was accepted by the Hochschule für Technik, Wirtschaft und Kultur (Leipzig University of Applied Sciences). The cooperation contains primarily a technology transfer of the edoc server technology from the Humboldt University. This technology consists of the metadatabase, templates for wordprocessor and LaTeX, workflow database and converting tools. We hope that the results of this cooperation are the distribution of knowledge about electronic documents, archiving, storage, metadata usage and development of an open source version of our software.

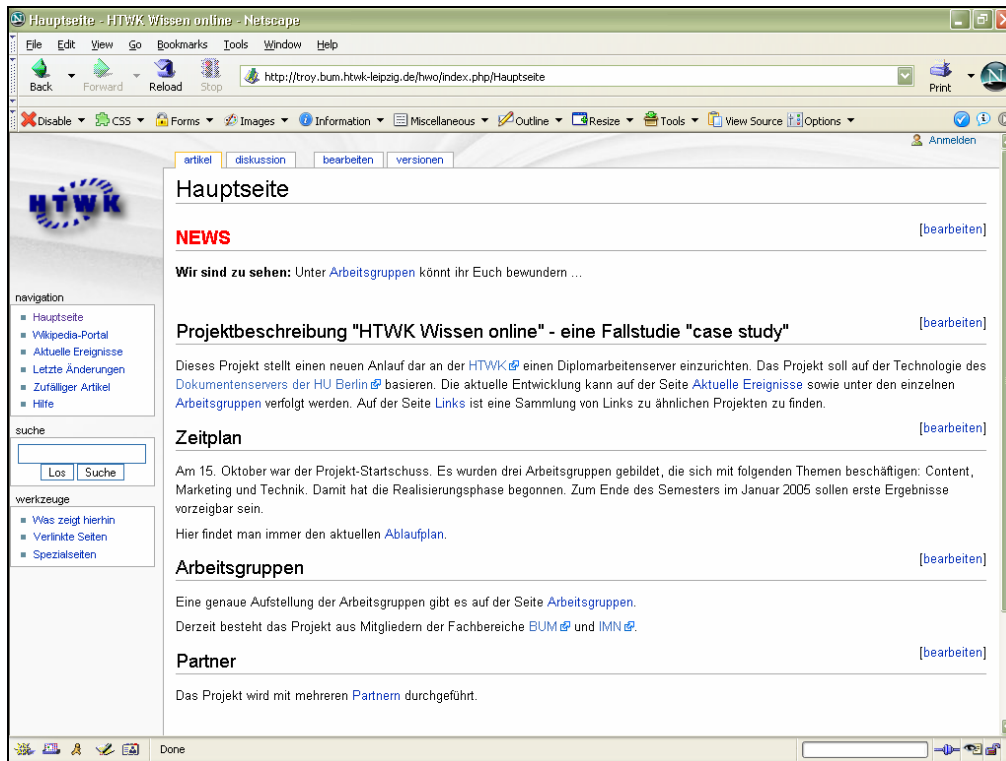


Illustration VII  
Screenshot of HTWK Project Wiki

## 4 University Innsbruck Library (Gunter Schütte)

### 4.1 Gemeinde Götzens (community Götzens)

The community Götzens represents a typical tyrolean community. Tourism is the most important economic factor. The community publishes a journal called “Der Götzner”. It delivers the basic information for 3796 inhabitants including official announcements, periodically speeches of the mayor, information of several divisions (social sector, administrative sector, sport, church-service, traffic, information of political actions, cultural events, advertisements, ...).

They appear quarterly, from 1975 until 1998 under the name “Götzner Gemeindebote”, from 1999 until now as “Der Götzner”. These publications are collected analogically at our university library.

#### step1:

##### Strategy

We decided to take the community Götzens as a pilot in collecting the digital master files of community-journals.

The consideration behind is to reach a great amount of communities to be effective. This could be done using umbrella organisations. In our case the company RIS<sup>3</sup> – web

<sup>3</sup> <http://www.riscompany.net/ris/>  
Version 1.0, Date: 2005-08-31

hosting service for communities – is an ideal partner. They host about 60% of communities in Tyrol (including the community Götzens), 80% in South Tyrol<sup>4</sup>. In the future we are going to transport reUSE-message towards communities via RIS. They will install a direct linkage between the RIS content management system and the ALO repository, <http://www.literature.at/>. Every community hosted by RIS can then easily bring up their publications in ALO.

*step2:*

Finding out the right contact person

The organisation of a community like Götzens is not very extensive. The right person to talk about reUSE is the mayor or one of the assistants. In our example we talked to an assistant who informed the municipal council. We arranged a personal meeting.

*step3:*

Meeting

The main message for the first reUSE-meeting was: The University Library is collecting "Der Götzner" since 1975. Now the University Library also wants to collect the electronic master files of these publications since we consider the electronic document as cultural heritage as well. It has to be preserved for the long term as well.

To our great satisfaction this message was understood without any further doubts. Obviously this message was very clear and there was no doubt about the importance of long term preservation. They will deliver back until they have PDF-formats of the community periodical publications and are thinking about digitizing the analogical versions.

During the conversation we transported the advantages of the reUSE-service for the community and its inhabitants eg. the higher presence at the internet and of course the long term preservation.

There has to be done a resolution inside the community at the municipal meeting.

*step4:*

Delivering

After positive resolution we got the PDF-files of the community news back to 1998 via FTP.

We denoted the innovations of the new ALO-system including fulltextsearch as one of the most wanted features.

Illustration VIII shows the archive of the community Götzens on the FTP:

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<sup>4</sup> cf. Deliverable D-2.1, Interim report for demonstrator Austria, page 8  
Version 1.0, Date: 2005-08-31

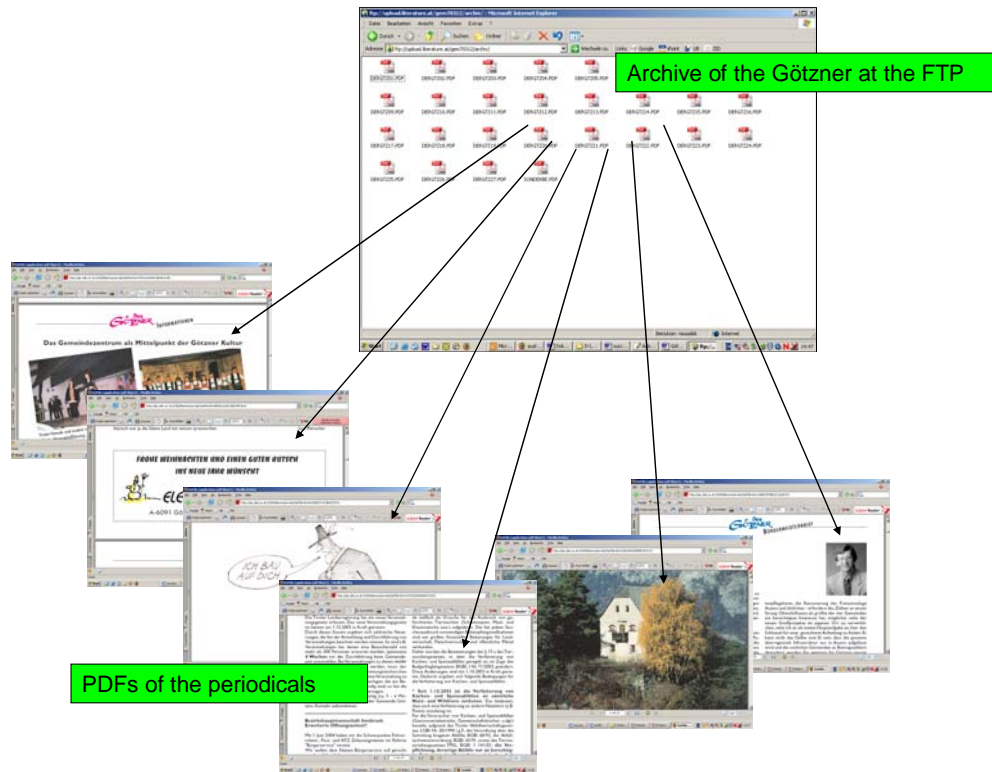
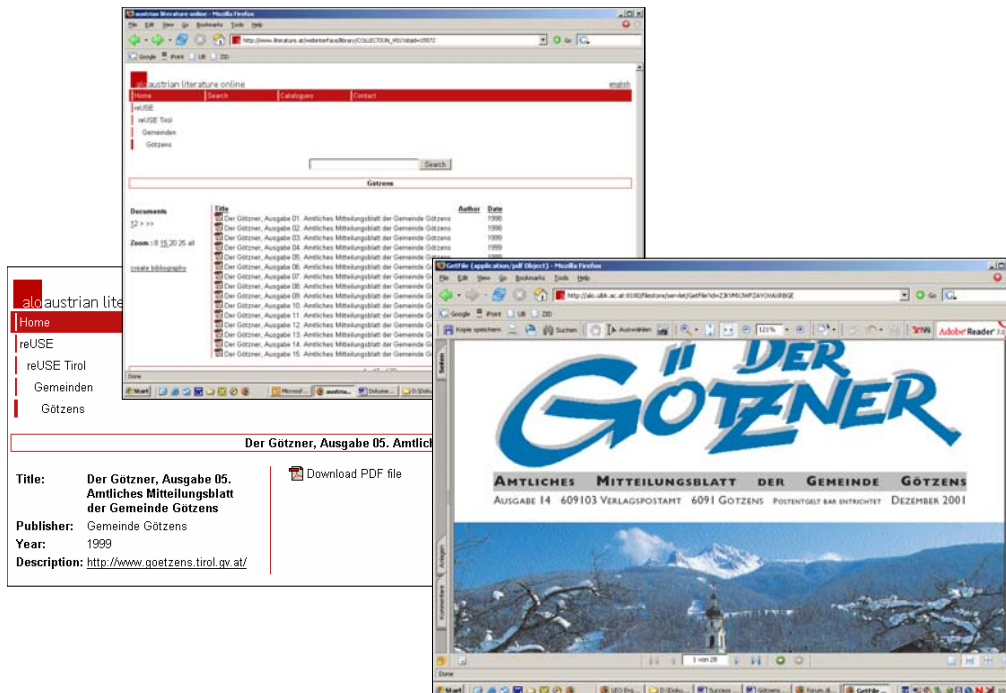


Illustration VIII

*step5:*

## Upload

In a next step we loaded the PDFs in our digital repository ALO, The documents are linked with the homepage of the community. Illustration IX shows the uploaded PDFs in the ALO-repository:



## Illustration IX

### step6

#### Online presence

An important argument to take part at reUSE is the higher online presence and the simplified method of finding the documents as mentioned above.

Illustration III shows the high ranked document of the “Götznr Gemeindebote” in Google:



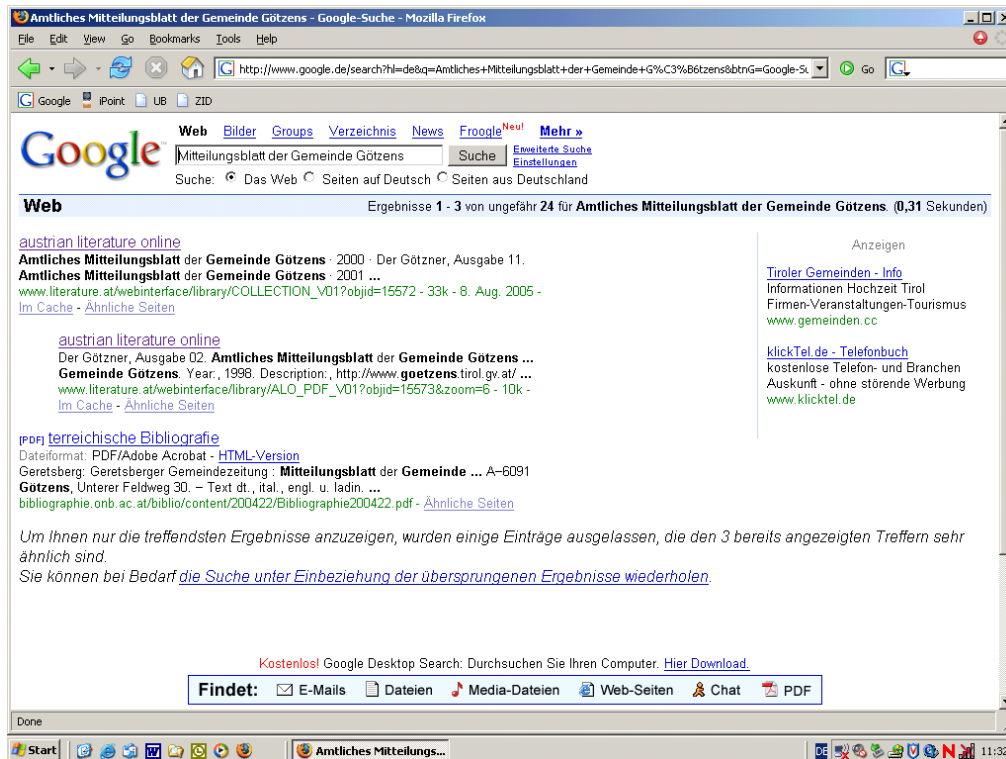


Illustration X

#### 4.2 Wirtschaftskammer Tirol (chamber of economy matters - Tyrol)

The Wirtschaftskammer, chamber of economy matters, is a huge organisation in Austria. Every federal state has its own agency, in our case the Wirtschaftskammer Tirol. The WKO Tirol is further sub-organised in nine district centres.





Illustration XI, Homepage of the Wirtschaftskammer Tirol, <http://portal.wko.at/portal.wk>

The WKO has the function to design the basic economic conditions within the national legal-system and provides advice and support in case of economy matters. Huge organisations are organised complexly. As mentioned above it is the first important point to find out the right person to talk about the reUSE issue. In this case we usually try to get in contact with the middle management.

The meeting was done with a representative of the management and a technical assistant.

There was again no doubt about the sense of long term preservation of electronic documents. Also the obligation of a University Library to react in a modern way of archiving is a clear message and was understood without any further discussion. So there was no question about delivering but how to deliver can be a critical point. It is important to find an easy way of delivering.

The delivered material consists mainly of the Regionalpolitische Studien.

These studies publish economy statistics and economy political analysis and concepts towards development for the Tyrolean economy. They are used as support in economy, politics, maintenance and research.

The Regionalpolitische Studien are also available at the homepage of the WKO. It is further an important argument that the documents are well stored in ALO, even the WKO homepage will not show the documents in future for any reason.

The WKO Tirol does not print the whole material in house. Like other big institutions they have contracts with printing companies. So it is easier to make an agreement with the printing company to send the files directly to us.

In our case an oral agreement between the WKO Tirol and the printing company of the Tiroler Tageszeitung was done.

Material which is printed within the WKO is sent to us via ALO-FTP.

The printing company has then the advantage to manage only one FTP-access for all customers.

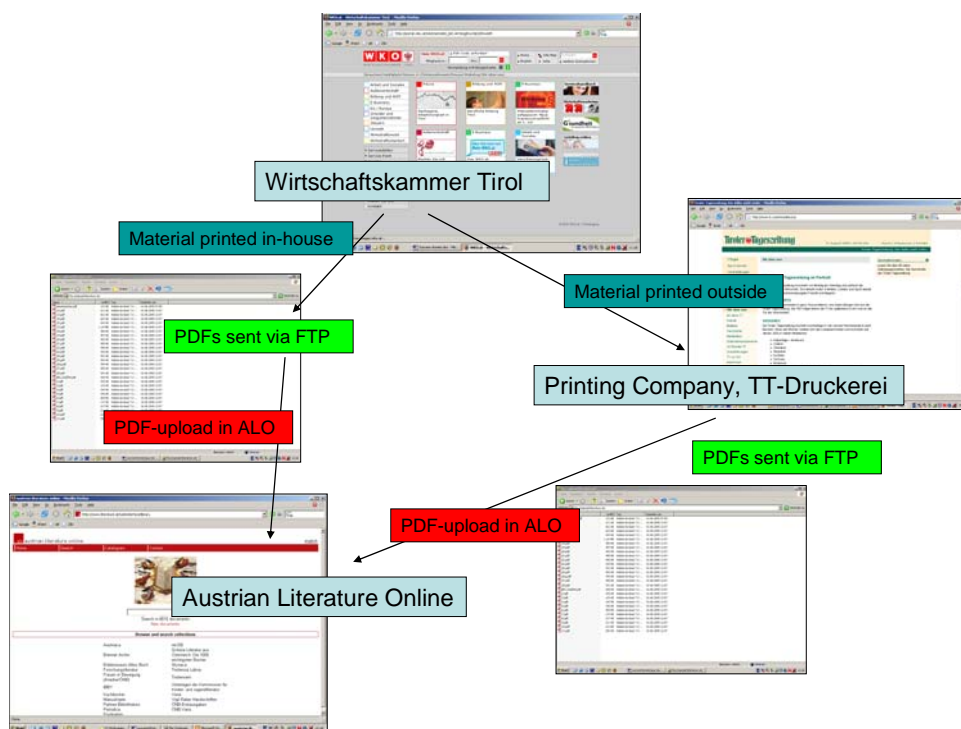


Illustration XII

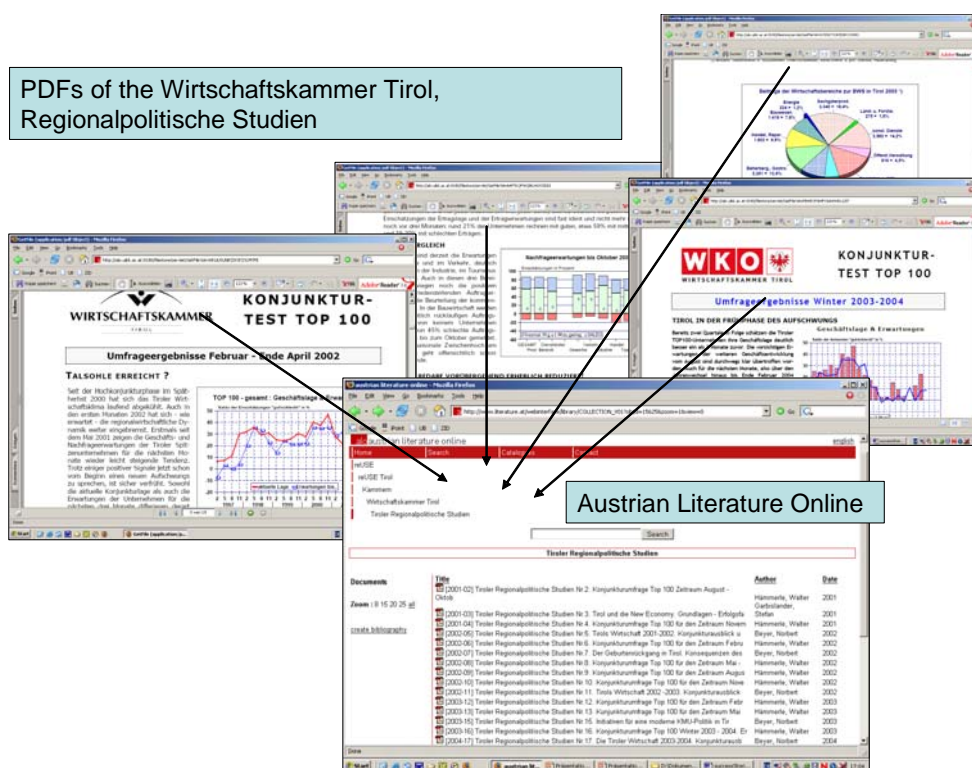


Illustration XIII

## 5 Austrian National Library (Bettina Kann)

### 5.1 The Austrian Law Gazettes of the Federal Chancellery

“The Federal Chancellery is responsible for coordinating general government policy, the public information activities of the Federal Government, and the Federal constitution. The Federal Chancellery represents the Republic of Austria vis-à-vis the Constitutional Court, the Administrative Court, and international law courts.”<sup>5</sup>

Since 2004 the legally binding Austrian Federal Law Gazette is only digitally published in the Austrian Legal Information System. Since then the ANL gets all digital files of the Austrian Law Gazettes for long term preservation. The obligation of the delivery to the ANL was regulated by law (BGBl I, Nr. 100/2003, § 8, Abs.3)

As the ANL was already mentioned in the BGBl I, Nr. 100/2003 the Federal Chancellery was already informed about our concerns and getting into contact with the appropriate persons was not a big problem.

After changing information by e-mail and phone, a meeting with the director of the IKT Board of the Federal Chancellery was organized, where further steps were discussed. The legal aspects of copyright were not affected, because the Federal Law Gazettes are based on legal license.

<sup>5</sup> <http://www.bka.gv.at/DesktopDefault.aspx?TabID=3546&Alias=english>  
Version 1.0, Date: 2005-08-31

Then again several negotiations by phone took place concerning file formats, transfer and intervals of delivery.

The Federal Chancellery agreed to send the XML master files together with appropriate XSLT-Stylesheets plus the digital signature as XML files. For delivery to end-users also PDF and RTF files are sent. They are not relevant for long term preservation. All files are burnt on CDROM and sent to the ANL 4 times a year.

Principally the Federal Chancellery also agreed to deliver the files online or to make them available online (e.g. via ftp) which will be more comfortable than the CDROM. Further negotiations concerning other methods of delivery will take place but for the beginning the CDROM is a convenient way for both sides. The Federal Chancellery can easily include the burning of a CDROM into their current workflow and we can be sure to get a complete package for automated processing into our digital archive.

The number of Federal Law Gazettes is about 800 a year comprising of about 6000 digital objects per year.

The following flow diagram shows the current workflow:

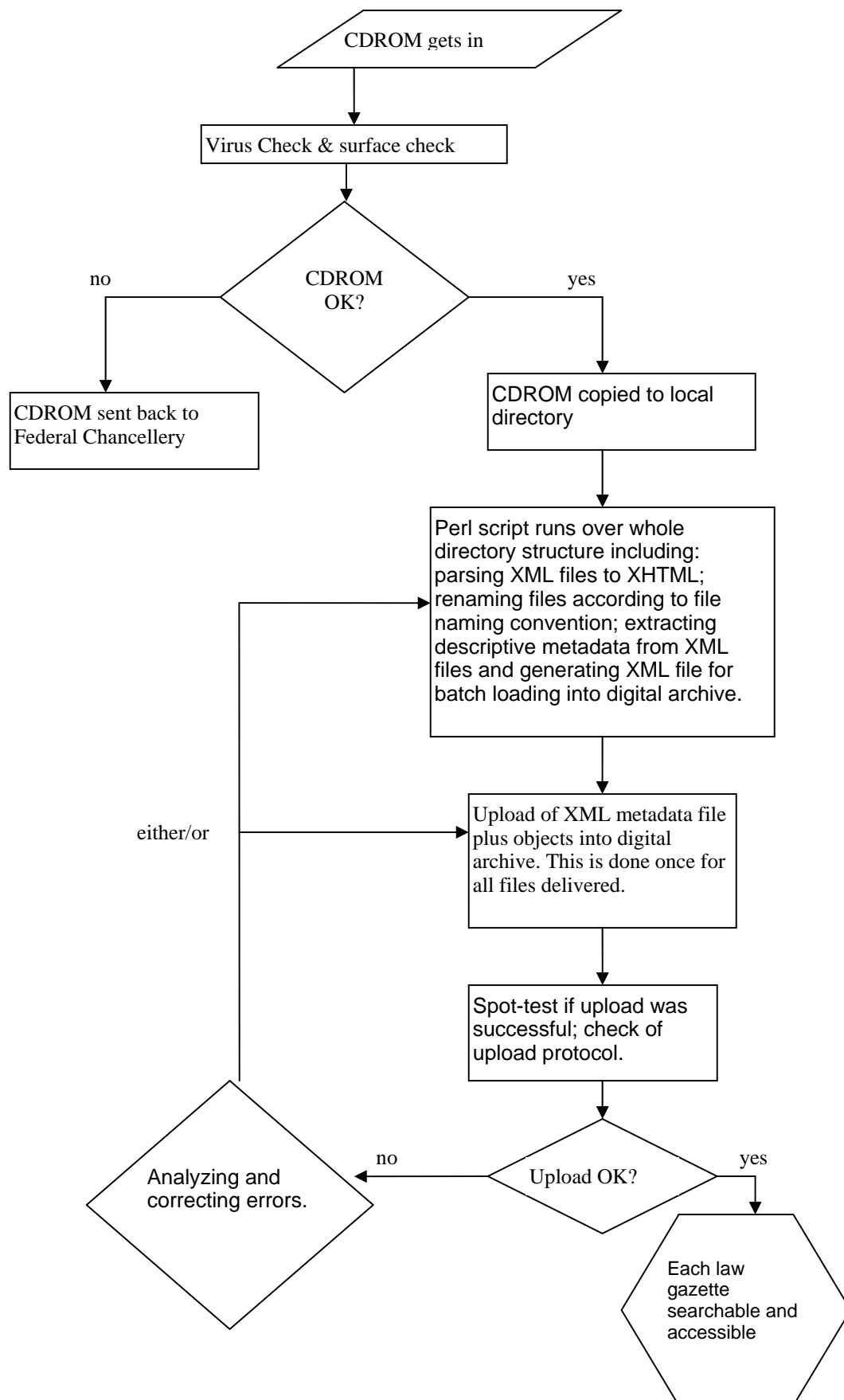


Illustration XIV shows the overall record of the “Bundesgesetzblatt für die Republik Österreich, Teil 1, Bundesgesetze” in the OPAC of the ANL. In the OPAC no single law gazette is searchable, but only the whole series.

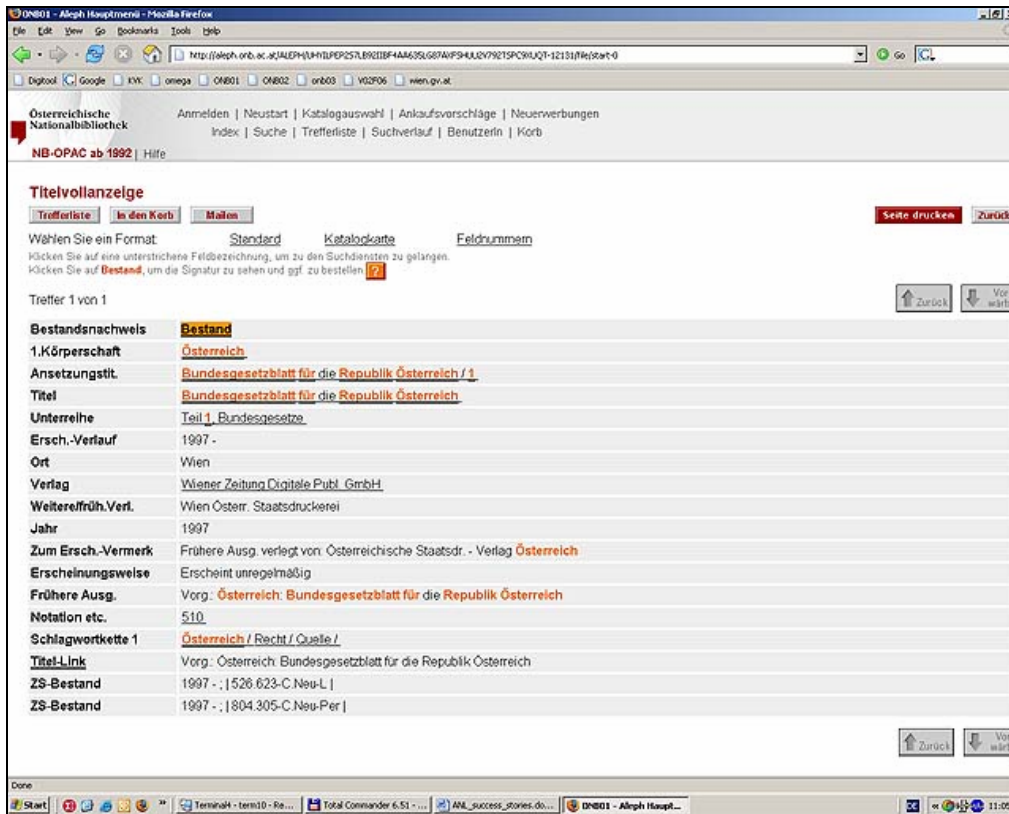


Illustration XIV

Illustration XV shows a metadata record of a single “Bundesgesetzblatt für die Republik Österreich, Teil 1, Bundesgesetze”. In the digital archive each Bundesgesetzblatt is searchable by its short title and full title.

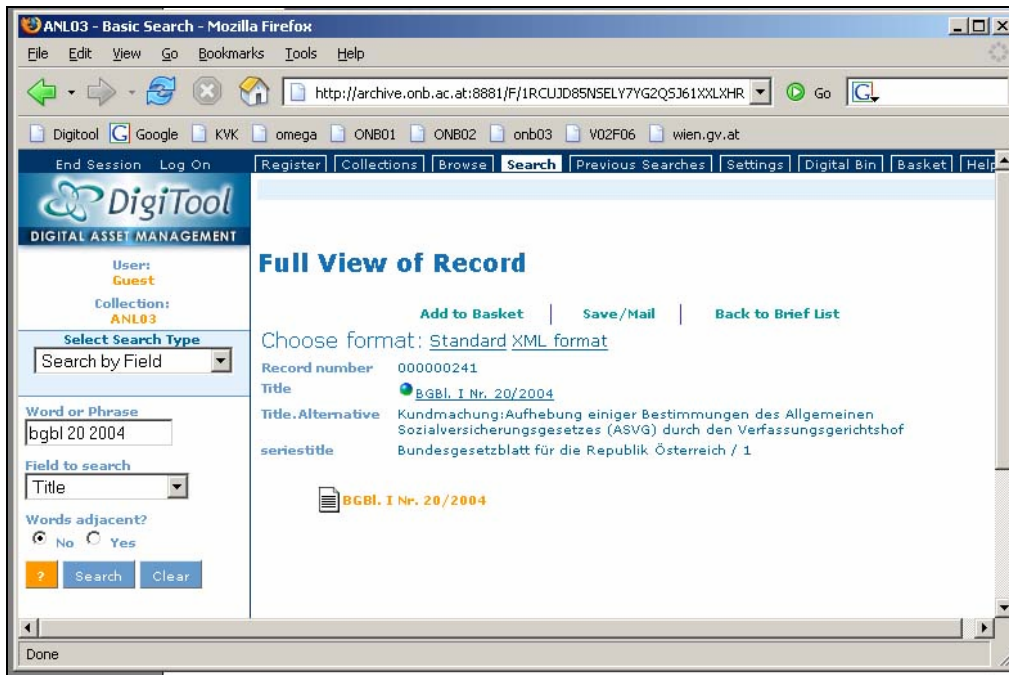


Illustration XV



Illustration XVI shows, that access in the digital archive is regulated at object (file) level. In this case e.g. the raw XML master files are not shown to users but only to staff group members.

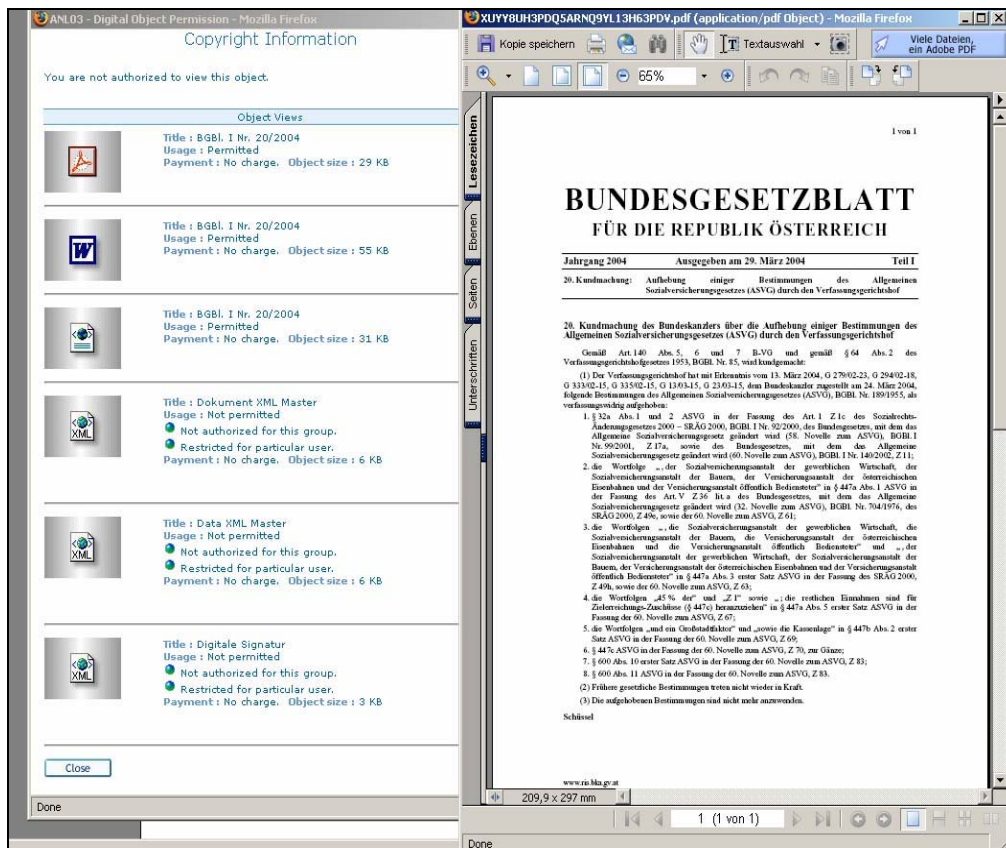


Illustration XVI



Illustration XVII shows the same metadata record from a staff users internal view.

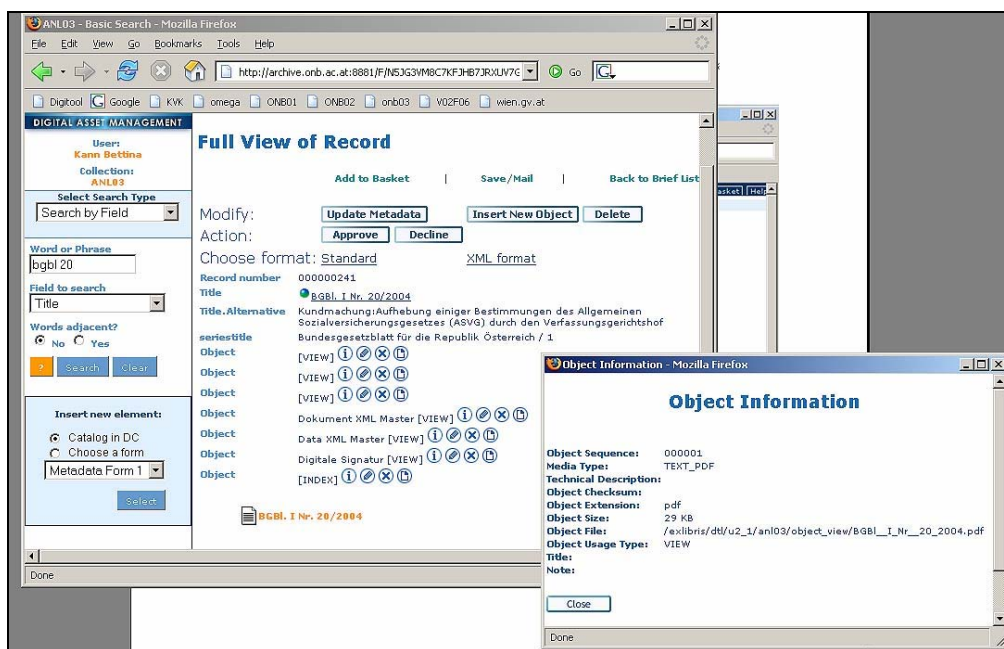


Illustration XVII

## 5.2 IBW – Institute for Research on Qualification and Training of the Austrian Economy

“The ibw, the Institute for Research on Qualification and Training of the Austrian Economy was founded as an association by the Austrian Federal Economic Chamber and the Federation of Austrian Industrialists in 1975. Since this time the ibw has completed more than 800 projects. The results of its scientific works are published in a monthly newsletter called *"ibw-Mitteilungen"*, the quarterly *"news"* (in English) and in the research paper series called *"ibw-Schriftenreihe - Forschungsberichte"* (till now more than 100 reports published in irregular intervals).”

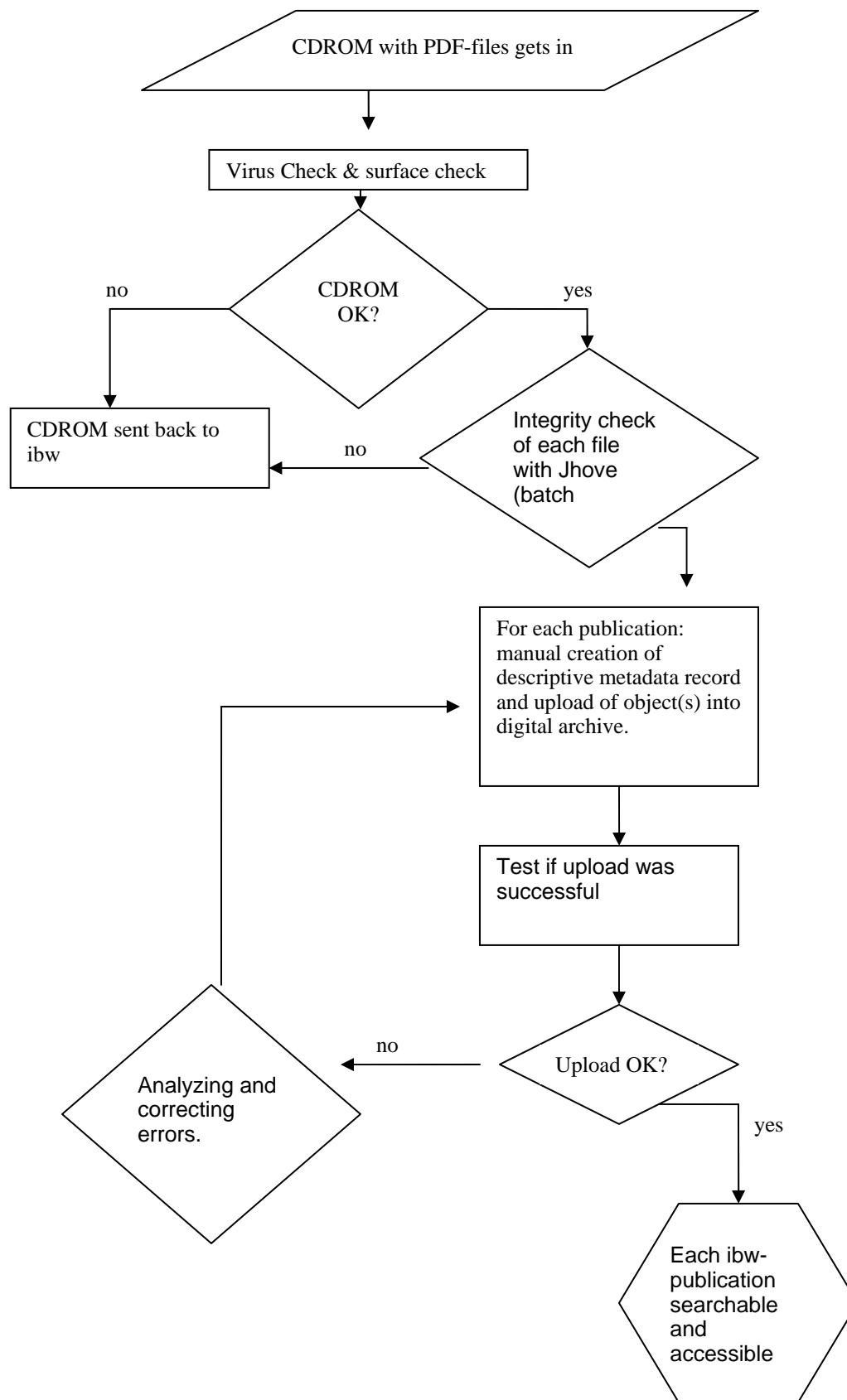
The ibw was one of the institutions we contacted via mass mail. The ibw answered very soon and their reaction was positive. First negotiations with the ibw took place in the beginning of June 2005, after a few telephone calls, which became soon very technical, the submission agreement was signed by the managing director of the ibw by end of June 2005. All negotiations took place either via email or per phone, there was no meeting between ANL and ibw. The ibw is a very uncomplicated partner, the agreed to cooperate very soon and the span between first contact, signature of the submission agreement and data delivery was about two weeks. The ibw hopes to increase the widespread of their publications in participating with the reUse project.

File transfer: the first transfer of about 60 publications of the ibw was made via CDROM,  
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due to the fact that all publications are stored in a database at the ibw. Further transfer of files will either be managed by upload via webform by the ibw itself or by download by the ANL.

Interval: According to specific publications irregularly and regularly intervals are possible.

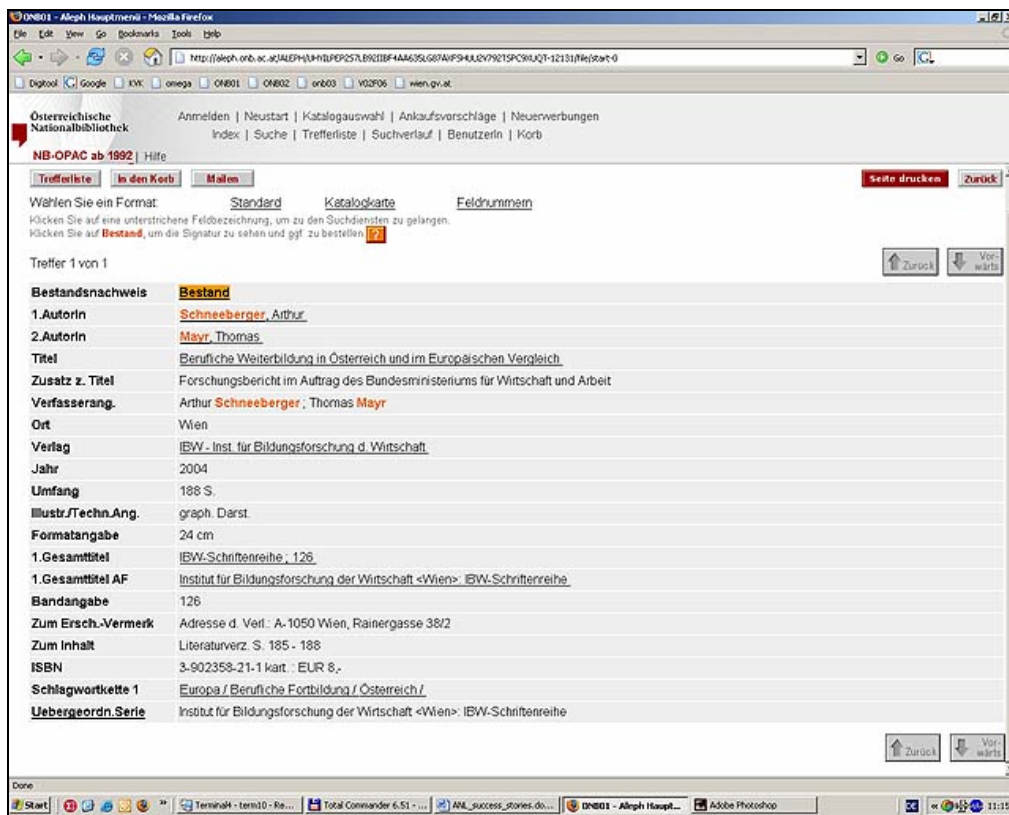
The following flow diagram shows the current workflow with the ibw publications: As one can easily see the ibw publications are more manually processed than the Federal Law Gazettes. In case of the ibw all files are checked for their integrity with Jhove. This is not done for the Law Gazettes, due to the fact that all files come out from a trusted repository themselves.



In the future this process will change, because pre-ingest will not be handled via CDROM.

Further enhancements will also include the URN to each publication, this URN will also be held in the library's OPAC. Publications will then be searchable and accessible also via the OPAC.

Illustration XVIII shows the metadata record of a specific ibw-publication **in printed form** in the OPAC:



### Illustration XVIII

Illustration XIX shows the metadata record of the same publication **in digital form** in the digital archive.

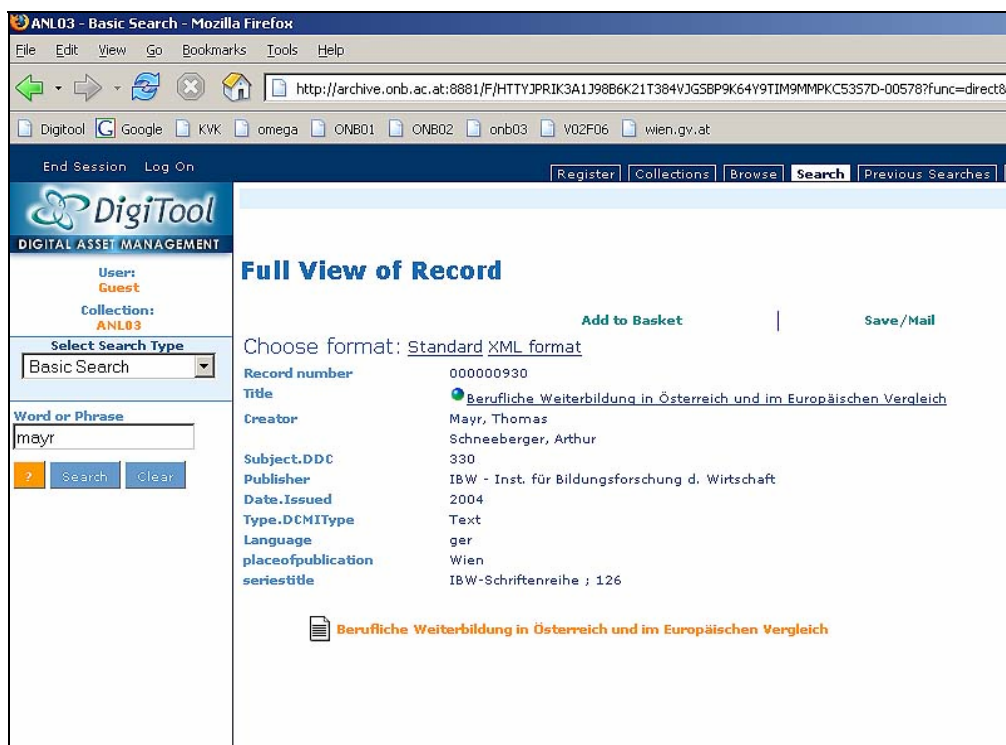


Illustration XIX

Illustration XX again shows, that access in the digital archive is regulated at object (file) level. In this case the PDF-file can be seen by all users according to the submission agreement signed by the ibw.

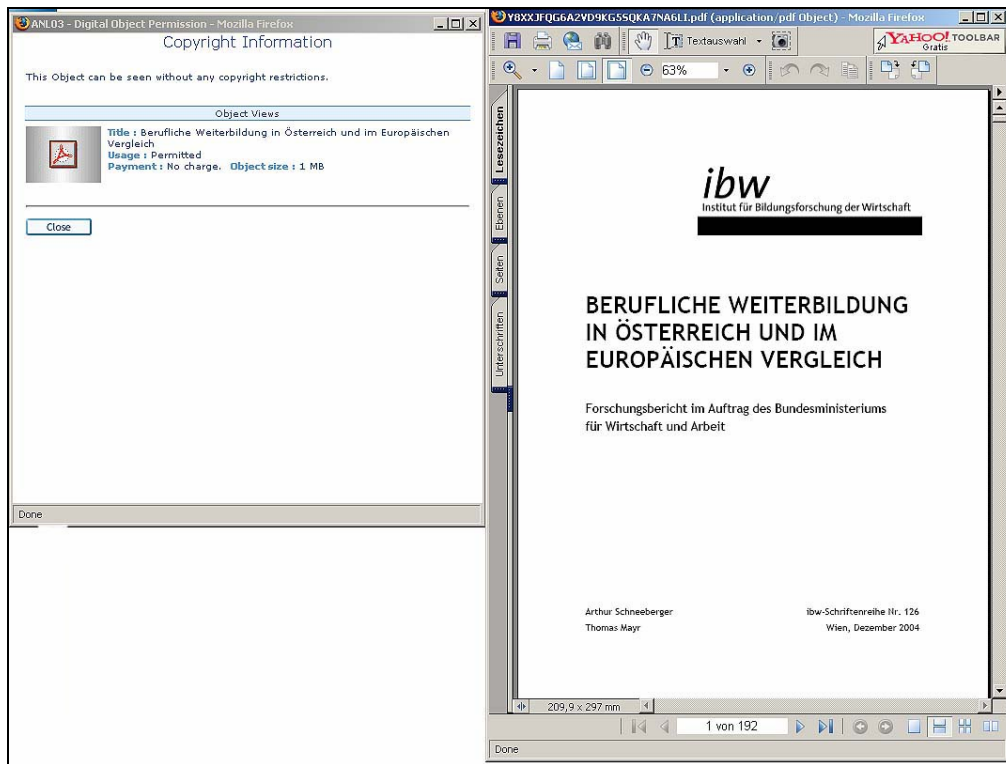


Illustration XX