

Demonstration Case II: The Bulgarian Portal ICCS

REGNET project has a great influence of the development of ICCS's skills in the professional, software, applied, e-business, social area. The main achievements, representing ICCS's success story, could be classified in four common directions: I) Attracting potential users; II) Creating CSC- Bulgaria; III) Transfer of Technologies; IV) Dissemination Activities.

I) Attracting potential users

Contemporary Bulgarian Art presents Bulgarian culture heritage in REGNET. The CH objects are designed and given by the Union of Bulgarian Artists – the largest Bulgarian union, gathering about 2700 artists of all generations in different sections of art: painting, graphics and illustrations, sculptures, ceramics, textiles, woodcarving, etc. That is why the activities of ICCS to attract potential users in Bulgaria to REGNET system were directed to the customers, related to Artists, Art Galleries, Exhibitions, users, dealing with the art domain. There were organized meetings and workshops, presenting the targets of REGNET system to deploy informational services in the culture domain. Thus we tried to disseminate the goals of the project and to raise interest from the Artists' auditory.

Subcontractor of ICCS is the Southern Ural State University (SUSU), Chelyabinsk, Russia. SUSU participates in REGNET like Content provider, supplying Russian Art. Thus the regional objects, concerning the art domain has been extended with the region of Russia. SUSU established links with famous Russian Galleries and Museums and acted in the REGNET project as a content provider. Thus the collections have been extended with world known art objects and reproductions.

Till now the potential Users of CSC-Bulgaria, being acquainted with the functionalities of the REGNET system and which expressed their will to use REGNET system, are the following institutions:

- The Union of Bulgarian Artists
- Ethnographic Institute and Museum
- Bulgarian Secondary Applied School of Art
- Silvena Art Gallery- Russe city of Bulgaria
- Sofia City Art Gallery Hall

- Southern Ural State University (SUSU), Chelyabinsk, Russia
- - with LOCAL PARTNERS of REGNET project
 - SUSU Division of WAN Technologies
 - Chelyabinsk Region Picture Gallery
 - Perm State Art Gallery
 - Nevyansk Museum of Local Lore and History
 - Museum of Nevyansk Icons (Ekaterinburg)
 - Fine Art Museum (Ekaterinburg)
 - Contemporary Art Gallery "OkNo" (Chelyabinsk)

II) Creating CSC- Bulgaria

1/ Infrastructure

ICCS has designed a hardware and software infrastructure of Bulgarian Portal of E-services , Figure 1a, Figure 1b bellow. This portal is working on-line and can be seen on <http://www3.iccs.bas.bg> , the Figure bellow.

ADDRESS <http://www3.iccs.bg>

Cultural Heritage in REGIONAL NETWORKS
Culture Service Centre
Bulgaria

English Bulgarian




Galleries

- UBA - Bulgaria
- Ethnographic Museum - Bulgaria
- Secondary Applied School of Arts - Bulgaria
- Russian Art Gallery - Chelyabinsk
- Silvina Art Gallery

Data Entries

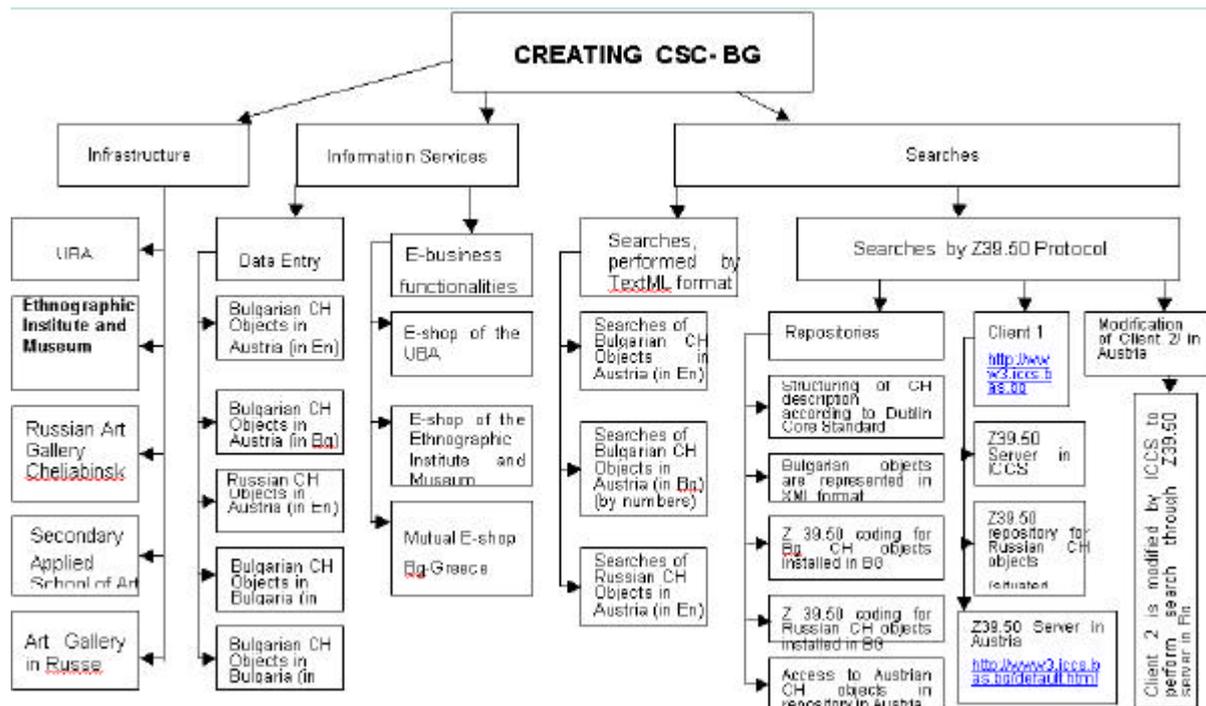
- Bulgarian Art Gallery - Austria (Textml)
- Bulgarian Art Gallery - Austria(Bg) (Textml)
- Russian Art Gallery - Chelyabinsk (Textml)
- Bulgarian Art Gallery - Bulgaria (Textml)
- Bulgarian Art Gallery - Bulgaria(Bg) (Textml)

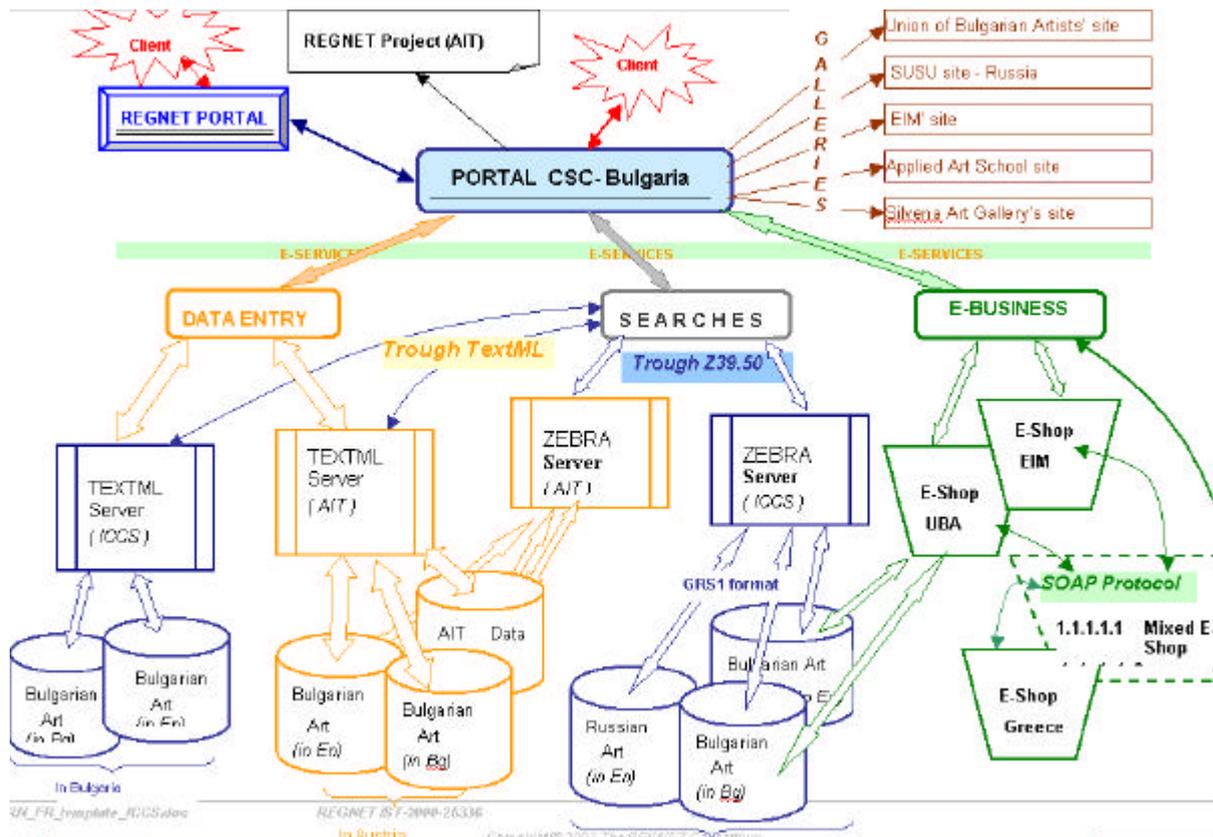
Search and Retrieval

- Request Portal - France
- Request Project
- Z39.50 Server Bulgaria
- Z39.50 Server Austria
- UBA Show - Bulgaria
- Ethnographic Museum Show - Bulgaria

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Here are the Websites of some of the potential users of REGNET like

- ☐☐ The Union of Bulgarian Artists : <http://hs39.iccs.bas.bg>
- ☐☐ Ethnographic Institute and Museum : <http://hs41.iccs.bas.bg>
- ☐☐ Secondary Applied School of Arts : <http://hsh.iccs.bas.bg>
- ☐☐ Russian Art Gallery – Chelyabinsk : <http://regnet.org.ru> , developed by SUSU .
- ☐☐ A Gallery in town of Rousse-Bulgaria: <http://www.silvena.net/>

2/ Information Services

■ Data Entry in Culture Heritage repositories

Here are presented in TextML format Bulgarian and Russian CH objects as follows:

- Bulgarian CH objects in Austria (in English): <http://csc000.csaustria.at/iccs>
- Bulgarian CH objects in Austria (in Bulgarian): <http://csc000.csaustria.at/iccs-bg>
- Russian CH objects in Austria (in English): <http://csc000.csaustria.at/susu>
- Bulgarian CH objects in Bulgaria (in English): <http://hs19.iccs.bas.bg/iccs>
- Bulgarian CH objects in Bulgaria (in Bulgarian): <http://hs19.iccs.bas.bg/iccs-bg>

■ E-Business functionalities

- E-Shop of the Union of Bulgarian Artists – http://hs19.iccs.bas.bg/UBA_Shop
- E-Shop of the Ethnographic Institute and Museum – http://hs19.iccs.bas.bg/Eth_shop
- Mutual E-shop Bulgaria-Greece - <http://hs19.iccs.bas.bg/e-shop>

■ Searches

There are realized two kinds of searches: using Textml format and applying Z39.50 protocol.

☐☐ Searches, performed by using TextML format.

- Searching of Bulgarian CH objects in Austria (In English) - <http://csc000.csaustria.at/iccs>

- Searching (by numbers) of Bulgarian CH objects in Austria (In Bg)
<http://csc000.cscaustria.at/iccs-bg>
- Searching of Russian CH objects in Austria (In En)
<http://csc000.cscaustria.at/susu>

🔍 Searches, performed by using Z39.50 protocol

1/ Repositories

- Structuring of CH descriptions according to Dublin Core standard is performed
- The Bulgarian objects are presented in XML format
- Z39.50 coding for Bulgarian CH objects, installed in Bulgaria

<http://www3.iccs.bas.bg/default.html>

- Z39.50 coding for Russian CH objects, installed in Bulgaria

<http://www3.iccs.bas.bg/default.html>

- Access to Austrian CH objects in repository in Austria

<http://www3.iccs.bas.bg/default.html>

a/ Client 1

This Client is developed by ICCS and can be seen at

<http://www3.iccs.bas.bg/default.html> .

It allows access to :

- Z39.50 server in ICCS
- Z39.50 repository for Russian CH objects (situated in Bulgaria)
- Z39.50 server in Austria – <http://www.cscaustria.at/demo/z3950.05>

b/ Modification of Client2 allowing access to Bulgarian Z39.50 repositories

Client2 is situated in Austria and it is working by Z39.50 standard for searching. It is modified by ICCS to perform search through Z39.50 server in Bulgaria

– <http://www.cscaustria.at/demo/z3950.05> .

III) Transfer of Technologies

One of the most interesting of professional point of view successes of ICCS's work in REGNET project is related to learning, developing and applying the newest Information Technologies. We mentioned this in p.13.

IV) Dissemination Activities

ICCS has a large experience in advertising the REGNET system in different areas: reports on International Conferences, Papers in Journals, Papers in Catalogues and Bulletins, Presentations in front of large auditoriums, Web site presentations, shortly classified in Table 1.

ICCS organized the submission, edition and preparation of a REGNET proceeding, edited by Todor Stoilov and Walter Koch. It has been published under the assigned number ISBN 954-9641-29-5. The REGNET Proceeding consists papers, related to the achievements of the REGNET Partners. The REGNET Proceeding was published by attracting additional resources, which are not dedicated REGNET funds. The additional support was obtained by the Bulgarian Agency - ICT Development Agency – Sofia, which is a government institution under the framework of the Ministry of Transport and Telecommunication of Bulgaria .

<i>Type of dissemination</i>	<i>Number</i>
Publications in Journals (printed)	2

Publications in catalogues, bulletins (printed)	2
Reports on International Conferences (printed)	4
Reports on International Conferences (to appear)	3
Papers in REGNET PROCEEDING	4
Presentations in front of Large Auditoriums	4
Web sites, Links to REGNET, Links to Bulgarian Portal	15

All of these dissemination activities are described and illustrated by images of the event's proceedings, programs, journals see Deliverable 13 – dissemination report.
See below one example: The REGNET Proceedings of June 2002:

Kr. Trichkov Application of Z39.50 protocol for Global Network Services. Proceedings of the Project Management Meeting, Regnet, EC-IST-200026336, 24-26 June 2002, ICCS-BAS, p.34-41.

M. Cenov. Implementation of SOAP protocol in E-services. Proceedings of the Project Management Meeting, Regnet, EC-IST-200026336, 24-26 June 2002, ICCS-BAS, p. 42-48.

T. Stoilov. Evolution of Web Services in the Project Regnet. Proceedings of the Extended Project Management Meeting, 24-26 June 2002, Sofia, Bulgaria, ICCS-BAS, Ed. T. Stoilov, W. Koch. ISBN 954-9641-29-5, p. 67-78.

K. Stoilova. Content Management of the Bulgarian Art Objects in Regnet project. Proceedings of the Project Management Meeting, Regnet, EC-IST-200026336, 24-26 June 2002, ICCS-BAS, p. 121-128.

T. Stoilov. Organised, Collected, Edited, Published REGNET Proceeding with papers of REGNET Partners, Assigned ISBN 954-9641-29-5

