



Technical and functional description of the Scottish Collections Access Management Portal (SCAMP) demonstrator service

Final Report of the RSLP SCONE project
Annexe B.2

1 Technical description

1.1 Background

The SCAMP service was developed as part of the SCONE project.

1.2 Software

1.2.1 Data storage

The data maintained by SCAMP is stored in the SCONE database. **See Annexe B1: 1**

1.2.2 Data publishing

Macromedia ColdFusion is used as the database server.

Web pages, forms, and server-side scripts are maintained using Macromedia Dreamweaver UltraDev.

2 Functional description

The SCAMP menu provides options for accessing a staff management portal, and tools and resources for collaborative collection management.

2.1 Staff Management Portal

The portal provides interactive options for library and information services staff engaged in collection management.

2.1.1 Update SCONE/CAIRNS/RCO

The menu of the SCONE Collection Level Description Management Service is displayed. The service website is password-protected.

2.1.1.1 Menu options

Options are provided for a guide to collection level descriptions for the SCONE service, and maintenance of data in the SCONE, CAIRNS and RCO services.

Details of SCONE agents, collections, locations, and subjects are maintained as separate entities and relationships, using a standard set of submenus for adding, updating and deleting entities, and adding and deleting appropriate relationships with other entities. The standard options allow existing entries to be browsed or searched before selection for updating or deletion.

Additions and amendments are carried out using web forms.

2.1.1.1.1 Creating a collection level description

Options are provided to display information about how SCONE data is stored and assembled to provide complete collection level descriptions, and the steps involved in their creation.

2.1.1.1.2 Agents maintenance

A standard submenu for SCONE Agent maintenance is displayed.

Options are given for maintaining relationships between an Agent and other Agents, Collections and Locations.

2.1.1.1.3 Collections maintenance

A standard submenu for SCONE Collection maintenance is displayed.

Options are given for maintaining relationships between a Collection and Agents, other Collections, Locations, and Subjects.

2.1.1.1.4 Locations maintenance

A standard submenu for SCONE Location maintenance is displayed. Options are given for maintaining relationships between a Location and Agents, Collections, and other Locations.

2.1.1.1.5 Subjects maintenance

A standard submenu for SCONE Subject maintenance is displayed. Options are given for maintaining relationships between a Subject and Collections. This section is incomplete, pending decisions on subject vocabularies arising from the High Level Thesaurus (HILT) projects¹.

2.1.1.1.6 Z servers maintenance

A list of the titles of Z39.50 catalogues used by the CAIRNS service is displayed. On selection of a catalogue title, a web form is displayed for updating the current parameters of the associated server. New servers can be added using a blank version of the web form.

2.1.1.1.6.1 Server status

A yes/no flag determines the active status of the server. If set to no, the server is invisible to the CAIRNS service. A server can be temporarily removed from the service if it is offline or subject to lengthy response times.

2.1.1.1.7 Glossary maintenance

A list of glossary terms held in the SCONE database is displayed. On selection of a glossary term, a web form is displayed for updating the record for the term. New terms can be added to the glossary using a blank version of the web form.

2.1.1.1.7.1 Assigning terms to specific services

A glossary term can be assigned to one or more of the CAIRNS, RCO, SCAMP, and SCONE services. Only terms assigned to a service are displayed in the glossary of that service.

2.1.1.1.8 Placenames maintenance

A menu of options for maintaining the names of countries, regions, and towns is displayed.

2.1.1.1.8.1 Update/Add a Country

A list of country names is displayed. On selection of a name, a web form is displayed for updating the record for the country. New countries can be added using a blank version of the web form.

2.1.1.1.8.2 Update/Add a Region within an existing Country

A list of country names is displayed. On selection of a country name, a list of region names for the country is displayed. On selection of a region name, a web form is displayed for updating the record for the region. New regions can be added to the country using a blank version of the web form.

2.1.1.1.8.3 Update/Add a Town within an existing Region

A list of country names is displayed. On selection of a country name, a list of region names for the country is displayed.

¹ HILT. URL: <http://hilt.cdlr.strath.ac.uk/>

On selection of a region name, a list of city, town, and village names of the region is displayed

On selection of a town name, a web form is displayed for updating the record for the town. New towns can be added to the region using a blank version of the web form.

2.1.1.1.9 RCO Subject strengths maintenance

A list of the titles of collections included in the Research Collections Online (RCO) service is displayed.

On selection of a collection title, the top level of the RCO subject thesaurus is displayed.

On selection of a top level subject heading, the middle level of narrower headings is displayed.

On selection of a middle level subject heading, a web form for updating the Conspectus levels of each of the bottom level of narrower headings is displayed

2.1.1.1.9.1 New additions to RCO

New collections can be added to RCO.

A list of the titles of all SCONE collections is displayed.

On selection of a title, a complete set of subject strengths set to Conspectus level 0 (out of scope) is assigned to the collection and added to RCO.

2.1.2 How to update your details

A note is displayed advising the use of email notification of changes required for entries in SCONE, CAIRNS and RCO, pending development of external access to the Web forms-based updating service.

2.1.3 Discussion area

This section has not been developed.

2.1.4 SCURL Expensive Purchases Online

This service records the impending acquisition by SCURL members of library resources costing more than 300 pounds sterling.

The service can be used by SCURL members to inform decisions on purchasing expensive items in a collaborative environment.

2.1.4.1 SCURL Expensive Purchases Database

A Web form is displayed for searching the database for notification of intention to purchase expensive items.

Details of the publication, the notifying library, and acquisition status are displayed for each matching item.

2.1.4.2 Online Report Form

A Web form is displayed for notification of an addition to the database.

Completed forms are submitted to an email address for mediation before incorporation in the database.

2.1.4.3 Policy Document

Information on SCURL policy for using the database and reporting additions is displayed.

2.1.5 Scottish Book Exchange

This section has not been developed.

2.2 Collaborative Collection Management Tools & Resources

A list of links to web based services and documentation useful for Scottish collection management is displayed.

These include resource discovery services, the websites of relevant organizations, and policy documents.

2.3 SCONE Service

The Scottish Collections Network service website is displayed.

2.4 CAIRNS Service

The Co-operative Information Retrieval Network for Scotland service website is displayed.

2.5 What's new

Items of news about the development of SCAMP are displayed.