



Project no. 018340

**Project acronym: EDIT**

**Project title: Toward the European Distributed Institute of Taxonomy**

Instrument: Network of Excellence

Thematic Priority: Sub-Priority 1.1.6.3: "Global Change and Ecosystems"

## **C5.129 Data portal update for Platform version 3 ready**

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Actual submission date: Month 54

Start date of project: 01/03/2006

Duration: 5 years

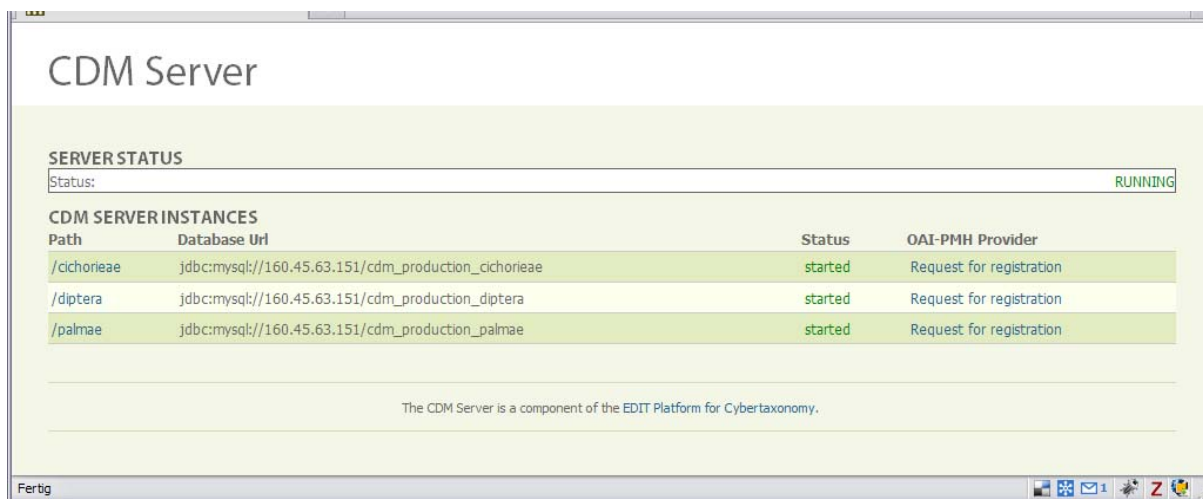
Organisation name of lead contractor for this component: 9 FUB-BGBM

Revision final

<b>Project co-funded by the European Commission within the Sixth Framework Programme (2002-2006)</b>		
<b>Dissemination Level</b>		
<b>PU</b>	Public	x
<b>PP</b>	Restricted to other programme participants (including the Commission Services)	
<b>RE</b>	Restricted to a group specified by the consortium (including the Commission Services)	
<b>CO</b>	Confidential, only for members of the consortium (including the Commission Services)	

The release of the EDIT Platform 3.0 was focusing on technical improvements but also aimed in bringing the software to the scientific community. This necessitated increasing the dialog with existing and with new users in order to fulfil the special requirements of the different user communities. Despite the increased challenges many improvements have been implemented into the DataPortal software and into the CDM web services.

These web services by which the Data Portals are connected to the CDM Community Store have been integrated into a standalone web server, which now is easier to install and easier to maintain. It now offers an administrative overview on the CDM Community Stores which are actually exposed via the web service of the CDM server instance.



The Data Portal software itself also has undergone many improvements and enhancements, which are briefly listed in the following:

- Among a multitude of new categories which now enrich the taxon profiles pages, the DataPortals now display common names and credits to each taxon if such data is available in the data store.
- The administrative section of the portal has been reworked in order to offer more degrees of freedom to the users and to ease management tasks. Furthermore a WYSIWYG editor has been implemented which offers a word processor like user interface for editing formatted text.
- A caching mechanism has been implemented as an option to increase the overall performance of the DataPortal.
- Support for multiple concurrent classifications. A new user interface element the classification switcher now allows switching the currently chosen taxonomic classification. Among other improvements to the 'TaxonomicTree' browser it is now possible to define the highest rank to be displayed.
- CDM entities are now reflected in Drupal as Drupal nodes, so it is now possible to use the comment function and other features built into Drupal within the taxon and other pages.
- Layout improvements for increased scientific correctness and reliability have been applied. For example improved display of synonymy including types, lectotypes, homonyms, etc. Display of all media metadata of images as well as of the copyright information has been made possible. The geographic regions which denote the distribution of a taxon can now be arranged in hierarchical order. The distribution maps

can display a legend. A generic footnote system has been set up which now is being used to display annotations and references as footnotes in the taxon profile and synonymy pages.

- A box providing external links to central services links and integrates the taxon pages with remote datasets of these services. Please refer to component C5.163 for more information.
- A print option allows to easily creating a printed representation of the pages in the DataPortal.

Three additional DataPortals have gone online in addition to the three exemplar group DataPortals, others will be activated during the following months. Not all DataPortals are officially released yet. The following list gives an overview on the different DataPortals:

- **Cichorieae Portal** (<http://wp6-cichorieae.e-taxonomy.eu/portal/>) - Botanic Garden and Botanical Museum Berlin-Dahlem (EDIT WP6 Exemplar group)
- **Palmweb** (<http://www.palmweb.org/>) - Royal Botanic Gardens, Kew (EDIT WP6 Exemplar group)
- **Diptera Portal: Milichiidae** (<http://dev.e-taxonomy.eu/dataportal/diptera/>) - EDIT WP6 Natural History Museum, London (EDIT WP6 Exemplar group)
- **Flora Malesiana** (<http://160.45.63.201/dataportal/preview/flora-malesiana/>) - not officially released yet) - National Herbarium of The Netherlands, Leiden
- **Flore d'Afrique Centrale** (Link undisclosed due to name publication policies and priorities) - National Botanic Garden of Belgium, Meise
- **Campanulaceae** (Link undisclosed due to name publication policies and priorities) - Botanic Garden and Botanical Museum Berlin-Dahlem