

# BEXIS 2.0.0 Release Notes 01.03.2013

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This is the first release of the new, completely redesigned BEXIS web application (therefore version 2.0.0). The primary purpose of this release is to demonstrate the system as it stands and gather customer and client feedback. The highlight of this release is the faceted search feature.

## 1. Software Information

- Name: BEXIS
- Code Name: BEXIS++
- Version: 2.0.0
- Application Type: Web Application
- Platform: Windows

## 2. License Agreement

The contents included in this software are licensed to you, the end user. Your use of BEXIS software is subject to the terms of an End User License Agreement (EULA) accompanying the software and located in the \License subdirectory. You must read and accept the terms of the EULA before you access or use BEXIS software. If you do not agree to the terms of the EULA, you are not authorized to use BEXIS software.

## 3. System Requirements

- Operating System: Windows Server 2003 or 2008. For personal or small installations the software is able to run on Windows 7 too.
- Application Server: IIS 7.0 +. For IIS settings see the installation manual
- DBMS:
  - IBM DB2 Express C 10 (version 10.1.2) 32 or 64 bits. BEXIS is not tested on other versions!
  - PostgreSQL: not yet supported.
- Dependencies
  - .NET Framework 4.0, created by Microsoft
  - ASP.NET MVC 3.0, created by Microsoft
  - Lucene.Net 3.0.3, created by Lucene.Net Community
  - Lucene.Net Contrib 3.0.3, created by Lucene.Net Community
  - SharpZipLib 0.86.0, created by ICSHarpCode
  - NHibernate 3.3.2.4000, created by NHibernate Community
  - Telerik MVC Extensions 2012.3.1018, created by Telerik
  - Unity Application Block 2.1.505.2, created by Microsoft
- Disk Space:
  - The Software: 20-30 MB
  - The Workspace: 10 MB and more, based on the number of modules and the amount of data

## 4. Installation/ Upgrade

To install the software, follow the instructions defined in installation\_manual.pdf located in the \Manuals subdirectory.

## 5. System functionality

The software consists of a two main types of components; 1) core components that include Data Lifecycle Management (DLM), Web Interface, Security and some other internally used ones. 2) A collection of coherent features and use-cases bundled as modules so that each module is designed around one or a small set of steps of DLM workflow i.e., Data Submission, Quality Control/ Assurance, Data Publication and so on. This document describes the functionalities provided by the modules as they are more likely to be requested and used by the end users, but in case of usefulness or clarification underlying core features are also introduced here.

### I. Search Module

Searching among the metadata, semantic information, and geographical information in an integrated way is the main responsibility of this module. Search results provide access to full metadata and some of the public attributes of the data i.e., version history, views available on the dataset, status of the data and publishing information if any. Based on the access rights the user may have access to the data, one of its views or a combination of them, otherwise s/ he can request for an access right.

#### A. New Features

1. **Discover data using metadata dimensions (aspects, facets) and attributes:** allows users to discover data based on registered metadata attributes, structured in the form of facets, properties and scopes. Users are able to perform free text searches too or combine it with the structured form to have the most accurate results. Multi language search is supported by utilizing an offline dictionary so that if metadata attributes contain values in different language, the search feature is able to conduct a translation based on the content of the present dictionaries.

#### B. Changed/ Enhanced Features

1. NA

#### C. Dropped Features

1. NA

#### D. Fixed Issues

1. NA

#### E. Breaking Changes

1. NA

#### F. Known Issues

*(Known unresolved issues that are in the release but do not prevent the user from using the app. They must not prevent the basic flow of the released features or features provided in previous releases)*

1. NA

## 6. Troubleshooting

NA

## 7. Contact

*(Description of when and at what conditions the users can utilize different communication channels)*

### User Manuals

*(Link to online or offline user manuals)*

### Help desk:

- Email address: [bexis-support@uni-jena.de](mailto:bexis-support@uni-jena.de)
- Telephone: +49-(0)3641-948968
- Fax: +49-(0)3641-946302
- Issue Tracking System: NA