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Web Interface

Requirements

There are what you need to run DBEL web version:

- **JavaScript** enabled on your graphical web browser

Login

To use web interface of DBEL user should visit the site with DBEL eg. <https://pctotem30.cern.ch:8444/DBEL/> and fill fields for username and password with CERN credentials. To use DBEL user must be a member of TOTEM Offline Software Group (named in CERN authentication service as zj).

DataBase Extraction Library

Username

Password

Login

Feel free to use this tool and do not hesitate to write your comments and suggestions to

- Jakub Szymanek [jakub.szymanek at cern.ch](mailto:jakub.szymanek@cern.ch)
- Mateusz Polnik [mateusz.polnik at cern.ch](mailto:mateusz.polnik@cern.ch)

Login website

Usage

Web interface

After successful log in, user should the page below.

DataBase Extraction Library

Timestamps:

from:

to:

Interval of Validity:

from:

to:

Run number:

Number of results:

First result number:

Result set:

- All
- Customized data
- Measurement Id
 - Timestamp
 - Interval of Validity
 - Measurement Type
 - Measurement Value
 - Measurement Single Value

Include description

Submit

Measurement name:

- BEAM_ENERGY**
- BPM**
- BLM**
- BQL**
- ROMAN_POT_POSITIONS**
- CMS_LUMINOUS_REGION**
- NOT_AGGREGATED**

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- Mateusz Polnik mateusz.polnik@cern.ch

Main website

Fields in the above picture are obvious. Please refer to: general information about specifying queries

Error

If an error occurred during working with DBEL web interface, the information screen will be displayed.

DataBase Extraction Library

Your query demands to much memory

Back

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- Mateusz Polnik mateusz.polnik@cern.ch

Error website

Output

After clicking **Submit** button, DBEL will retrieve data from TOTEM database, save it into output file (`results.xml`), and automatically download this file from server (some browser will ask where to save the file).

Logout

After user finished using DBEL web interface remember to log out for security reason!

DataBase Extraction Library

You have logged out successfully

Feel free to use this tool and do not hesitate to write your comments and suggestions to

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- Mateusz Polnik mateusz.polnik@cern.ch

Logout website

-- JakubSzymanek - 02-Sep-2011

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