



ADELARD

Basic Access and Excel

Plugin Manual for ASCE 4.2

- File name: basic access and excel plugin v0.2.xml
- Version: 0.2.21
- Applies to: All networks

1 Description

This plugin allow you to import data from MS Excel, MS Access, and any ODBC-compliant database (e.g. MS SQL Server, Oracle, MySQL). Simply choose your data source and selection criteria (a range of spreadsheet cells, or a SQL query), and the plugin will insert the results as an embedded table.

This plugin works with the one click export plugin "remove DNR containers" feature.

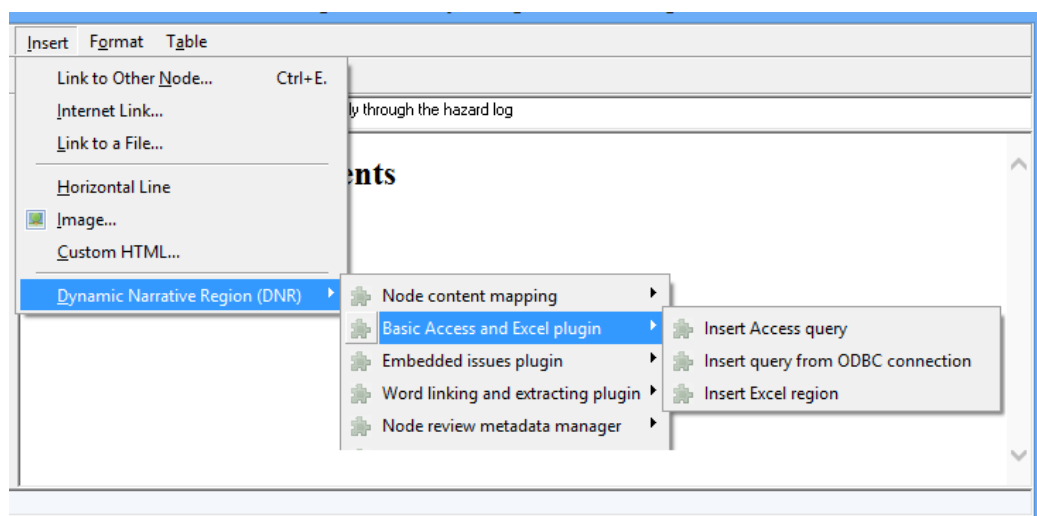
2 Requirements

This plugin requires a proper 32bit driver installed on the system in order to read MS Office files. If you are using a 64bit version of Microsoft Office you have to install the Microsoft Access Database Engine 2010 Redistributable (x86 - 32bit version).

This component is included in the ASCE zip package inside the prerequisites folder or can be downloaded freely from the Microsoft website.

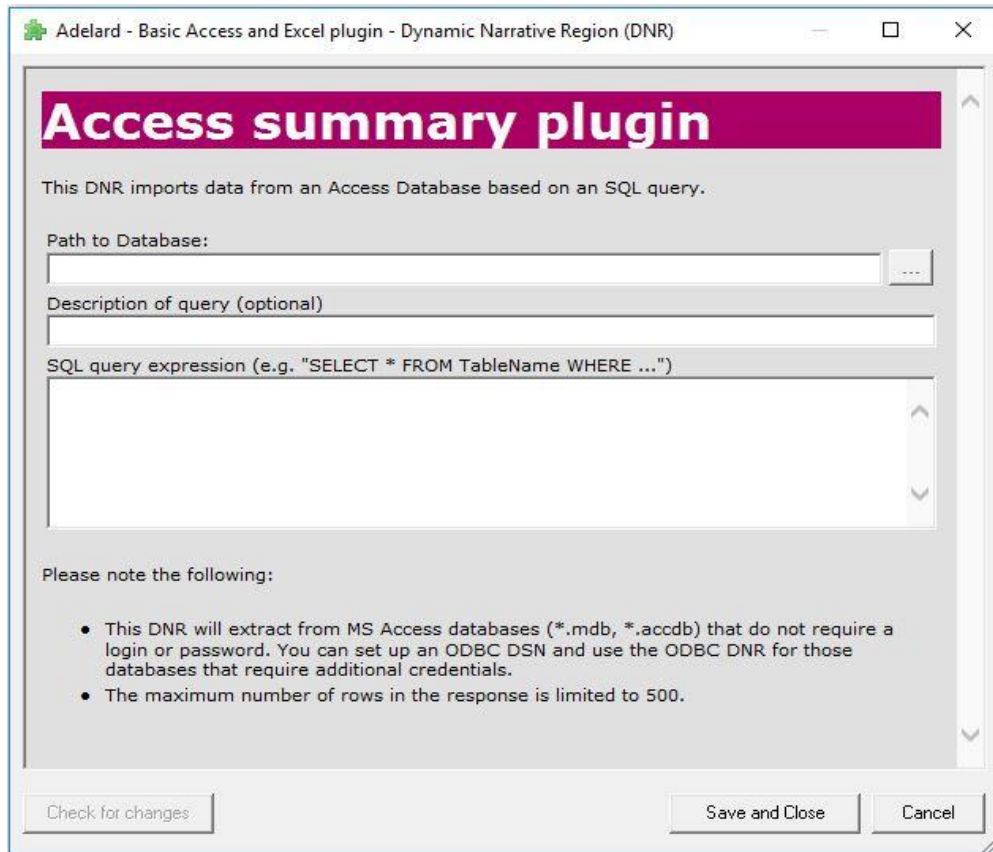
3 Features

This plugn adds menu entries into the Insert->DNR menu in the node editor. These are described below.



3.1 Insert Access query

This DNR allows the insertion of a table based on an arbitrary SQL Query against a Microsoft Access database.



3.2 Insert query from ODBC connection

This allows the insertion of a table based on an range of cells in a database exposed via a System DSN ODBC connection.

Adelard - Basic Access and Excel plugin - Dynamic Narrative Region (DNR)

Custom DSN content

This DNR imports data from an ODBC connection that is set up on the current machine, based on an SQL query.

System DSN name

Description of query (optional)

SQL query expression (e.g. "SELECT * FROM TableName WHERE ...")

Please note the following:

- The maximum number of rows in the response is limited to 500.

Check for changes Save and Close Cancel

3.3 Insert Excel Region

This allows the insertion of a table based on a range of cells in a Microsoft Excel spreadsheet.

Adelard - Basic Access and Excel plugin - Dynamic Narrative Region (DNR)

Spreadsheet summary plugin

This DNR imports data from a region of a Microsoft Excel spreadsheet.

Path to spreadsheet:
 Browse Show

Name of sheet (optional):

Data range:
 (e.g. A1:E4 or similar)

Formatting:
 ▾

Please note the following:

- This DNR will extract from MS Excel spreadsheets databases (*.xls, *.xlsx, *.xlsm).
- Do not specify a data range that refers *only* to empty cells to the left or above the first cells in the spreadsheet that actually contain data. Such a region cannot be selected and can cause a script timeout error.
- The maximum number of rows in the response is limited to 500.
- The database driver may trim empty rows and columns around the cells that contain data.
- Make sure the spreadsheet is closed; otherwise, the information displayed may not respect the format of information in the cells (e.g. dates might be formatted as numbers).

Check for changes Save and Close Cancel

It is possible to import simple data or formatted data by using the appropriate option in the "Formatting" drop-down menu.

In order to import formatted cells Microsoft Excel must be installed on the system.