

Semantic Middleware Configurator - External Graph Databases

This section contains a short overview of setting up a connection to a external graph database (triple store) in PoolParty.

PoolParty supports a number of enterprise ready graph databases available, for example MarkLogic, Stardog, Allegrograph, GraphDB or Virtuoso.

The interface of the Semantic Middleware Configurator lists the possibilities you have on the first page, so you can configure the connections to them easily right here.

After you have [accessed the SMC](#) (1), the **Graph Databases** node (3) below the **Systems** node (2) can be expanded displaying entries for all supported graph database types.

- On first accessing this page the list (4) will be empty as you have to configure the graph databases first.



You need **PoolPartySuperAdmin** rights to access the Configurator. Otherwise the icon will be hidden.

The screenshot shows the Semantic Middleware Configurator interface. At the top, there is a navigation bar with 'PROJECT', 'CORPORA', 'TOOLS', and 'ADVANCED'. Below this is a sidebar with a 'Systems' menu. The 'Systems' menu is expanded, showing 'Graph Databases (0)' with a green circle '3.' next to it. Below 'Graph Databases (0)' are several database types: AllegroGraph, GraphDB, MarkLogic, RDF4J, Stardog, and Virtuoso. Other menu items include 'Indices (1)', 'External Services (1)', 'LOD (11)', and 'Features (9)'. The main content area is titled 'Graph Databases' and shows a table with the following columns: Name, URL, Credentials, User, and Delete. The table is currently empty, with a green circle '4.' pointing to it.

Further information on the configuration options and setup find here:

- [How to Set Up an External Graph Database Configuration](#)
- [How to Configure an Existing External Graph Database Connection](#)
 - [Access and Edit an Existing Graph Database Configuration](#)
 - [Delete an Existing Graph Database Configuration](#)



The graph database configuration is available only with the PoolParty Enterprise Server license or higher.