

# Semantic Middleware Configurator - Overview

The **Semantic Middleware Configurator** (SMC) is the central administration point for all systems connected to PoolParty.

At this time the Semantic Middleware Configurator is a unique feature in PoolParty offering a full-fledged control center for all the functions you need to manage: connected graph databases and search indices, integrations with linked data sources and integrations with third-party tools, for example a Jira instance of your choice or visualizations.

In addition you also can check up on all the available functions added to PoolParty by these configurations. Use the **Features** node in the Semantic Middleware Configurator's **Hierarchy Tree**.



The full functionality of the SMC is available from PoolParty Enterprise Server level. For PoolParty Advanced Server this option can additionally be configured and monitor the LOD cache used for your Linked Data sources.

Find details on the functions and configurations in these sections:

- [How to Access the Semantic Middleware Configurator](#) — Find a short guide here on how to access PoolParty's Semantic Middleware Configurator.
- [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.
  - [How to Set Up an External Graph Database Configuration](#) — This section contains a short guide on how to set up an external graph database configuration using the Semantic Middleware Configurator.
  - [How to Configure an Existing External Graph Database Connection](#) — This section provides a detailed guide on how to access and edit or delete an existing graph database configuration.
- [Semantic Middleware Configurator - Search Indices](#) — In this section you find a guide on how to configure and maintain the connection to the search index engines for PoolParty.
  - [Access and Edit an Existing Search Index Engine](#) — This section provides a short guide on how to configure an existing search index engine connection like Solr or ElasticSearch.
  - [Delete an Existing Search Index Configuration](#) — This section provides a short guide on how to delete an existing search index connection configuration.
- [Semantic Middleware Configurator - External Services](#) — This section contains the guide to access, edit and delete connections to external services in PoolParty's Semantic Middleware Configurator.
  - [How to Set Up a Connection to an External Service Configuration](#) — This section provides a short guide on how to setup a connection to an external service in the Semantic Middleware Configurator.
  - [How to Set Up a Connection to a Jira Instance](#) — This section provides a short guide on how to set up a connection to a Jira instance in the Semantic Middleware Configurator.
  - [How to Set Up a Connection to an API Service](#) — This section contains a short guide on how to set up an API service configuration in the Semantic Middleware Configurator.
  - [How to Configure an Existing External Service or Jira Configuration](#) — This section provides a guide on how to access and edit external service connection setups using the Semantic Middleware Configurator (SMC).
- [Semantic Middleware Configurator - Linked Open Data Caches](#) — This section provides details on how to set up and maintain the connection to the Linked Open Data sources in PoolParty's Semantic Middleware Configurator.
  - [How to Access and Configure a Linked Open Data Cache Configuration](#) — Find in this section a detailed guide on how to set up, configure or delete available Linked Open Data configurations in PoolParty.
- [Semantic Middleware Configurator - Features](#) — This section provides a guide on how to interpret and use the Features node in the Semantic Middleware Configurator (SMC).
  - [How to Use the Features Node Functions](#) — This section contains a short guide on how to use the Features node in the Semantic Middleware Configurator.