CLI: Toolkit PowerPack Manual

Version 100

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Chapter 1

Introduction to the CLI: Toolkit PowerPack

Overview

This manual describes how to install and use the CLI: Toolkit PowerPack. In addition, the following sections provide an overview of the PowerPack's functionality.

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What is the CLI: Toolkit PowerPack?

The CLI: Toolkit PowerPack is an extension of the Snippet Framework created to introduce low-code development capabilities for PowerPack monitoring. The PowerPack's steps eliminate most of the developer's needs for Python development, resulting in reduced time and effort required for CLI-based PowerPack building.

The Command-Line Interface (CLI) Library can be used by a set of out-of-the-box steps. These steps, when followed completely, enable low-code development capabilities for CLI-monitoring PowerPacks. These out-of-the-box steps are commonly used with Unix commands.

The CLI: Toolkit PowerPack is available in the extended architecture and the necessary libraries for Agent Support are included as well. Users can utilize the PowerPack's agent support by following the agent-specific steps included in the CLI: Toolkit PowerPack's documentation here.

CAUTION: Users can only implement Agent Support with a platform minimum version of 11.3.0 or later.

What Does the CLI: Toolkit PowerPack Include?

The CLI: Toolkit PowerPack includes:

- An execution environment with the CLI steps for a selected SL1 system. These steps are necessary for the building of Monitor PowerPacks.
- A template PowerPack implementation that demonstrates the CLI steps.
- A framework built for user-defined caching and `low_code` syntax version 2/universal pipeline support.

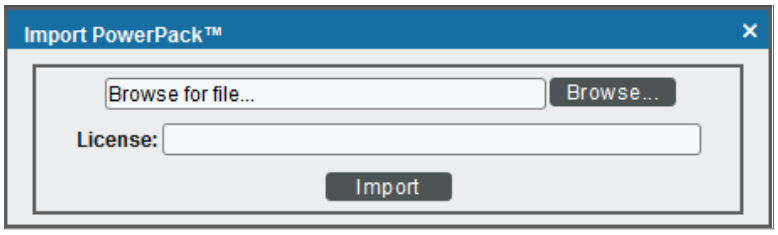
TIP: To troubleshoot any issues with the CLI: Toolkit PowerPack, see the "Logging/Debugging" section of the PowerPack's online documentation.

Installing the CLI: Toolkit PowerPack

Before you can use the Snippet Framework, you must import and install the latest version of the CLI: Toolkit PowerPack.

To download and install the PowerPack:

1. Download the PowerPack from the ScienceLogic Support Site.
2. Go to the **PowerPack Manager** page (System > Manage > PowerPacks).
3. In the **PowerPack Manager** page, click the **[Actions]** button, then select *Import PowerPack*.
4. The **Import PowerPack** dialog box appears:



5. Click the **[Browse]** button and navigate to the PowerPack file.
6. When the **PowerPack Installer** modal appears, click the **[Install]** button to install the PowerPack.

NOTE: If you exit the **PowerPack Installer** without installing the imported PowerPack, the imported PowerPack will not appear in the **PowerPack Manager** page. However, the imported PowerPack will appear in the **Imported PowerPacks** page. This page appears when you click the **[Actions]** menu and select *Install PowerPack*.

Documentation for the Snippet Framework

Full documentation for the CLI: Toolkit is provided at the following location:

https://docs.sciencelogic.com/dev-docs

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