

# Adding KPI Library script to Ignition

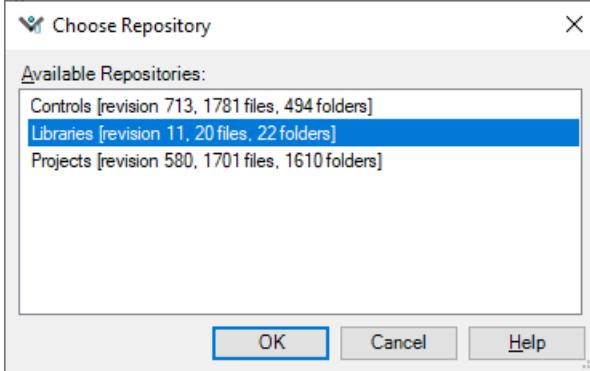
## Table of Contents

### Initial Setup

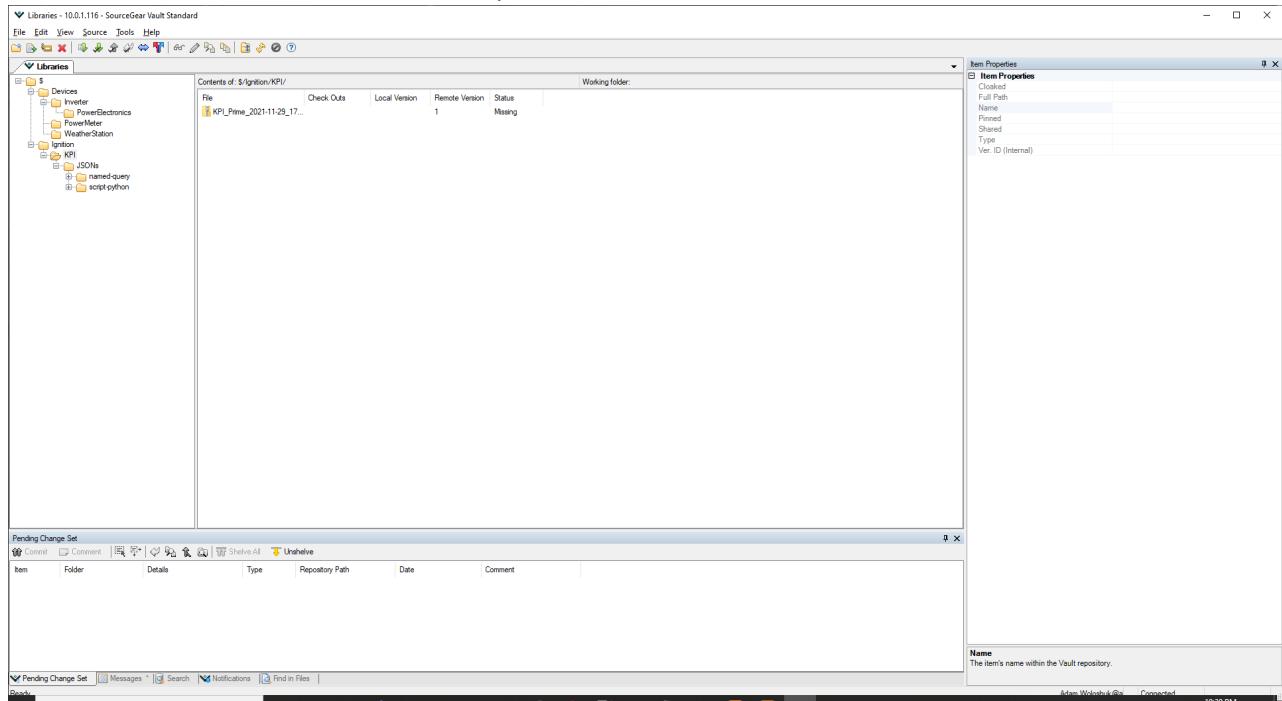
Get credentials for SourceGear Vault Client.

### Retrieve KPI Library Source Files

1. Log into SourceGear Vault
2. Choose Libraries Repository



3. KPI import files are located at \$/Ignition/KPI
1. Choose the most recent version of the zip fold and save to local destination



4. Open Ignition Designer and navigate to project that needs the KPI Library
5. Navigate to File ->Import and choose the KPI Library zip file

The screenshot shows the Ignition Designer interface with the following components:

- Project Browser:** On the left, it shows a tree structure of project components including Alarm Notification Pipelines, Scripting, Sequential Function Charts, and various KPI-related items like KPI, KPI Queries, and KPI Functions.
- General.KPI Code Editor:** The main central area displays a large block of Python code for the `General.KPI` module. The code includes functions for determining months and days, parsing timestamps, and interacting with databases. It also contains comments about getting query data and calculating average values.
- Tag Browser:** A smaller window at the bottom shows a table of tags with columns for Tag, Value, Data Type, and Traits.

Online URL: <https://kb.alsoenergy.com/article.php?id=1805>

6. If import fails the KPI Library can be manually imported by importing and manually copying the code located in the folders found in SourceGear Vault at \$/Ignition/KPI/JSONs