Sage 300 Web Screens SDK

Finder Definition Generator

May 2024

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1. Overview

This document is intended to serve as a guide for illustrating how to use the Sage 300 Finder Definition Generator to assist in managing the finder definitions used when configuring finders in Sage 300.

* 1. Required Version of Sage 300

The Sage 300 Web SDK version must be in-sync with the Sage 300 Web Screens version.

1. Installing the Utility

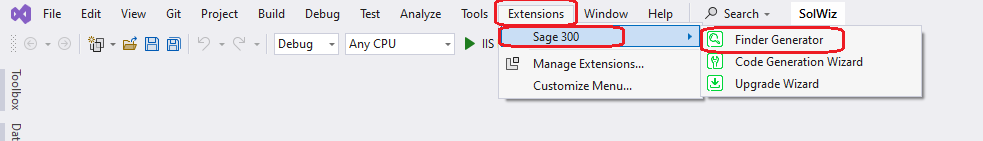
The Finder Generator is a Visual Studio Plugin and is compatible with Visual Studio 2022. The Sage 300 Finder Generator tool is bundled with the Sage 300 Wizard Package (Code Generation Wizard, Finder Generator, Upgrade Wizard, Language Wizard, and Sync Assemblies Wizard).

**Note:** If the previous Sage 300 Wizard Package is installed, it must be uninstalled first (Visual Studio - Tools, Extensions, Uninstall option, select the Sage 300 Wizard Package to uninstall).

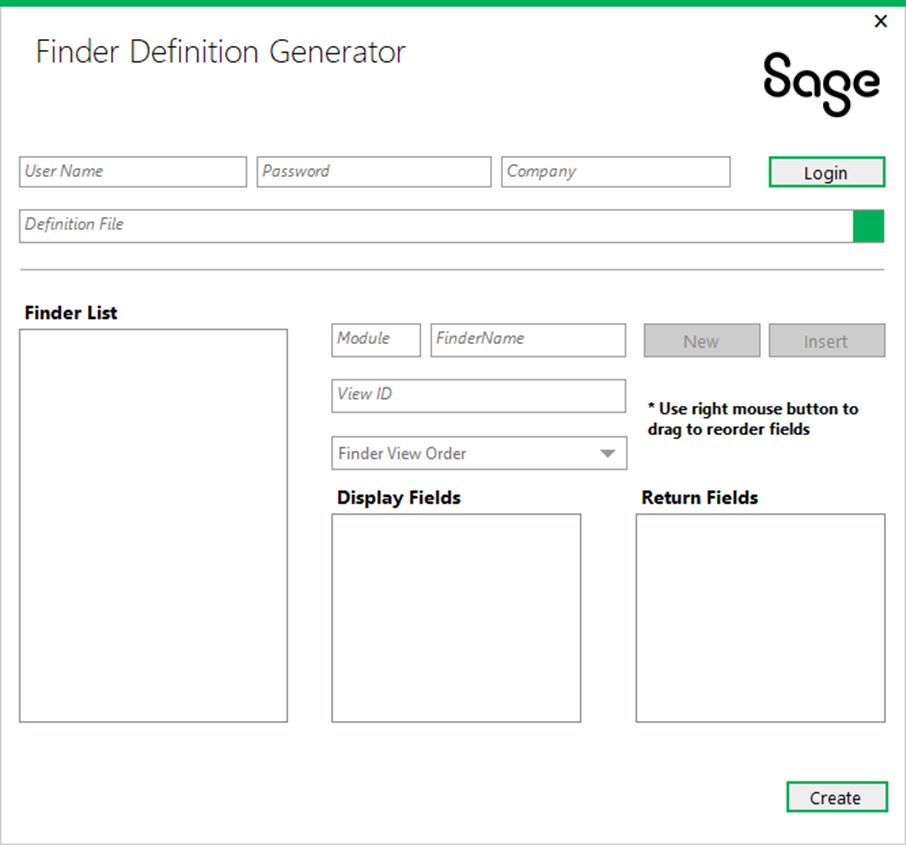
To install the utility:

1. Run Sage.CA.SBS.ERP.Sage300.WizardPackage.vsix.
2. Select the Install the Wizard Package option.
3. Note: Installing this package installs the above-mentioned wizards since they are combined in the same package.
4. Accessing the Utility

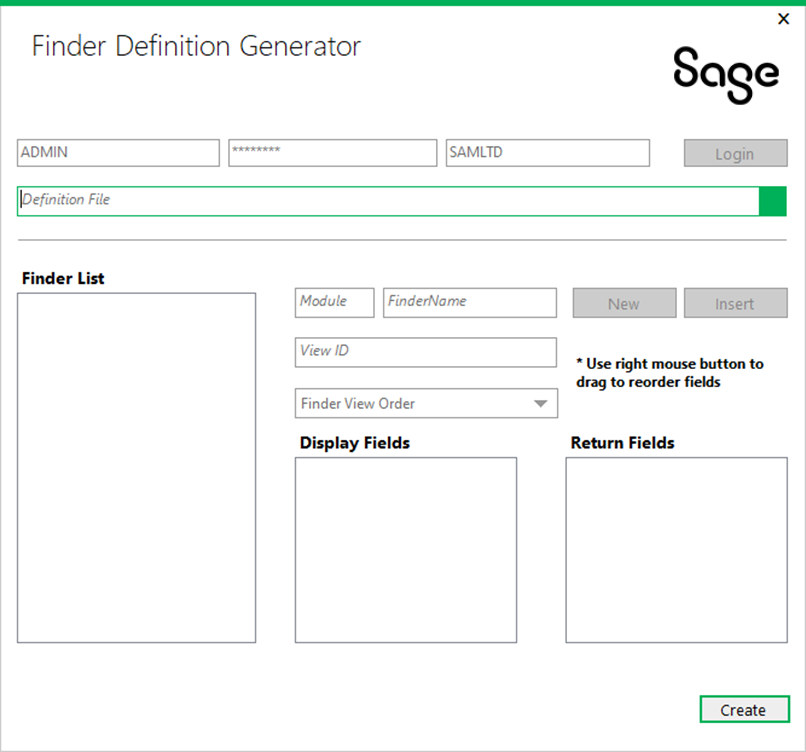
The wizard is embedded in Visual Studio 2022 as a plugin. To open it, click the **Extensions** menu on the Visual Studio toolbar, select the **Sage 300** menu, and click **Finder** Generator.



1. Using the Utility



* 1. Step 1 – Credentials and loading config file



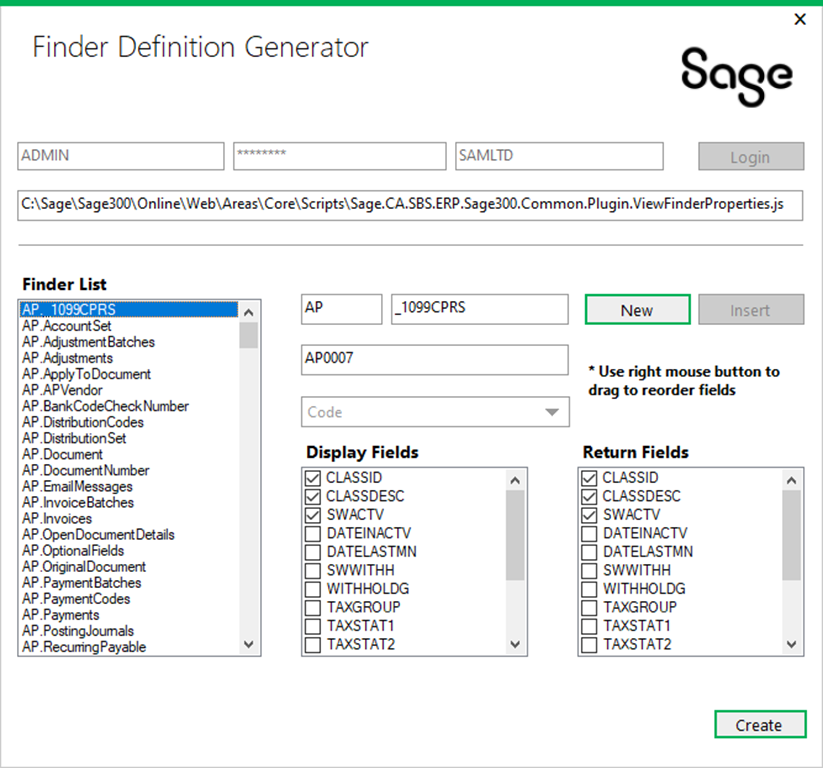
Enter your Sage 300 username, password, and company name.

Click Login to proceed.

Next, click on the green box at the end of the ‘Definition File’ textbox to select the **ViewFinderProperties.js** file (Sage 300 file) or the appropriate file which will be used to store finder configurations.

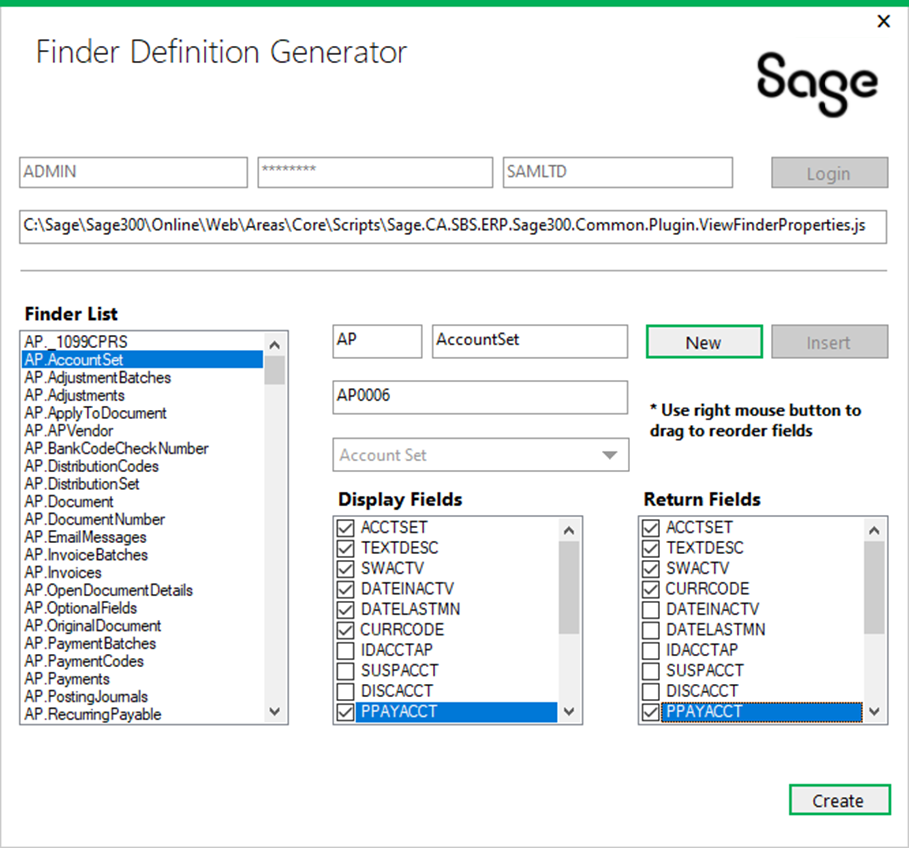
The utility will default to the solution’s folder where you must navigate to the JavaScript file containing the finder definitions. It previously defaulted to the Sage 300 installation folder for the ViewFinderProperties.js file, but this file is NOT to be used since it is minified and the utility is not able to parse this file. Once you’ve selected an existing file, it will be loaded automatically.

* 1. Step 2 – Edit an existing entry



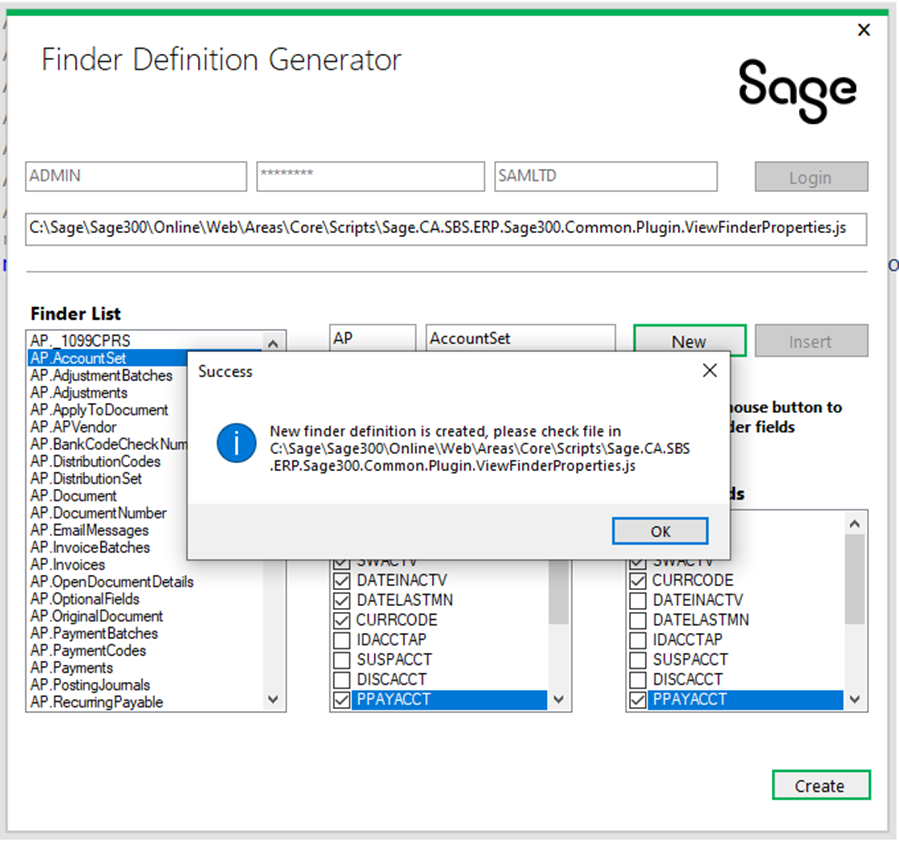
Once a configuration file has been loaded, you many now edit an existing entry or add a new entry. In the following steps, we are going to edit an existing entry.

* 1. Step 2.1 – Edit an existing entry



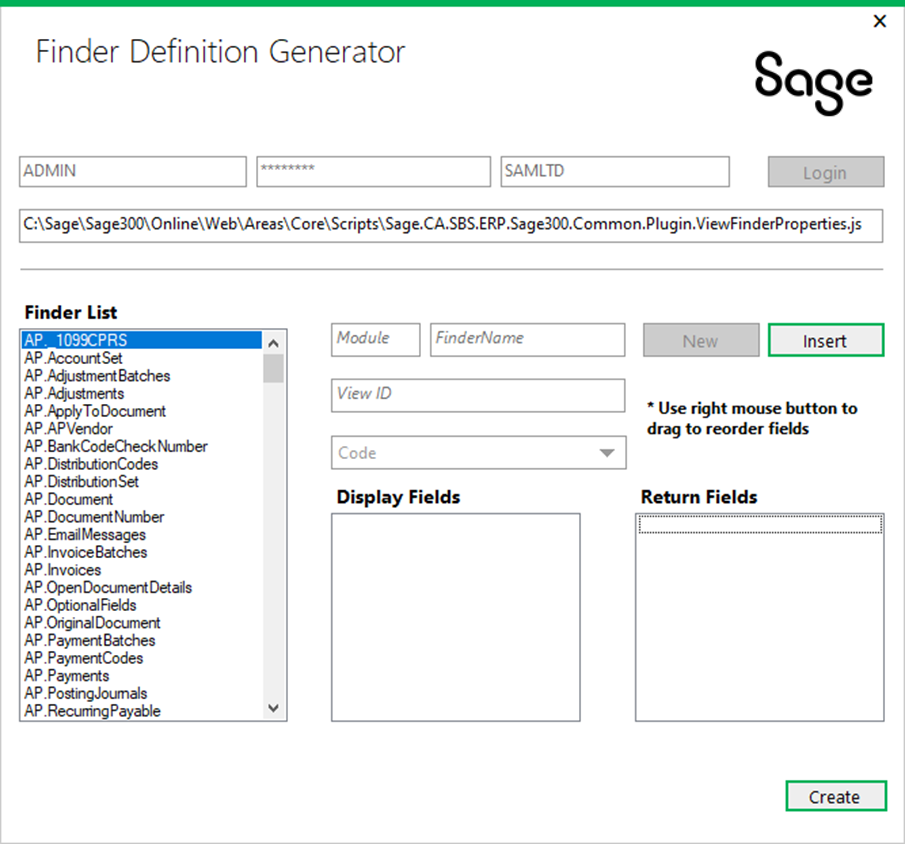
For this example, we are going to edit the **AP.AccountSet** properties block. First, select **AP.AccountSet** from the Finder List above. Once that has been done, the other fields in the application will be automatically loaded with their existing settings.We are going to add two new entries to the **Display Fields** and **Return Fields** list. In the **Display Fields** list, click the checkbox next to the ‘PPAYACCT’ field. In the **Return Fields** list, click the checkbox next to the ‘PPAYACCT’ field. Once you have done this, click the **Create** button.

* 1. Step 2.2 – Edit an existing entry



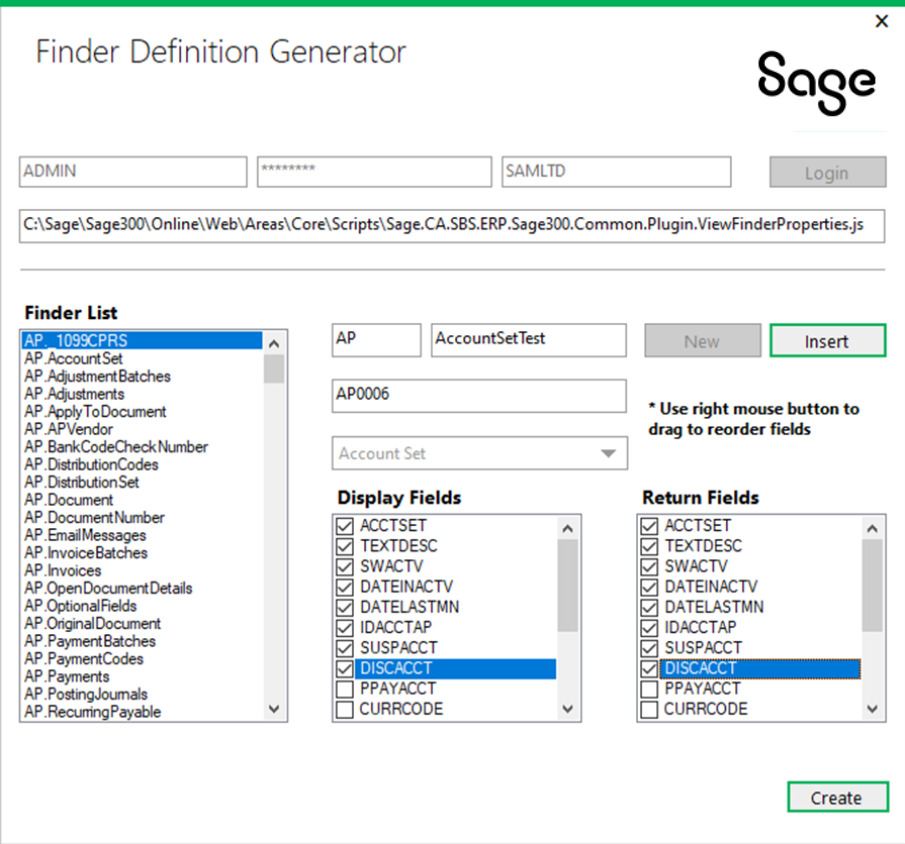
After you clicked the **Create** button, a dialog box will be displayed informing of the status of the save operation. The specified configuration file will now contain the updated entry.

* 1. Step 3 – Create a new entry



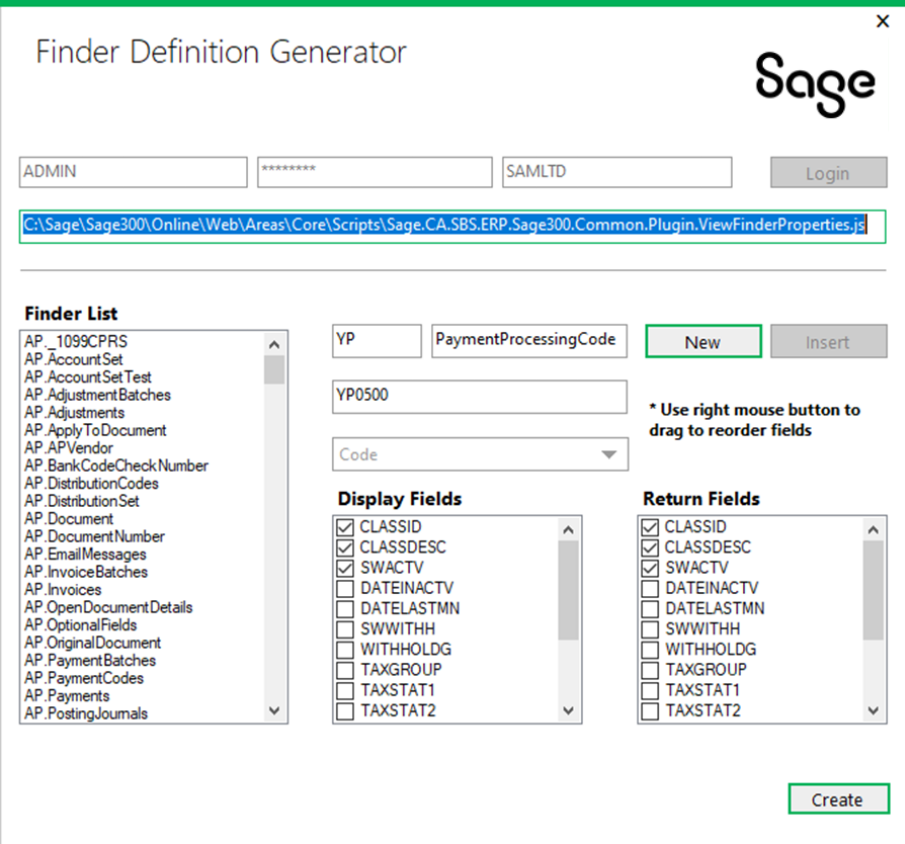
To create a new entry in the ViewFinderProperties.js file, click on the **New** button. Once the **New** button has been clicked, the Module, FinderName, View ID, Code, Display Fields, and Return Fields will all be cleared.

* 1. Step 3.1 – Create a new entry



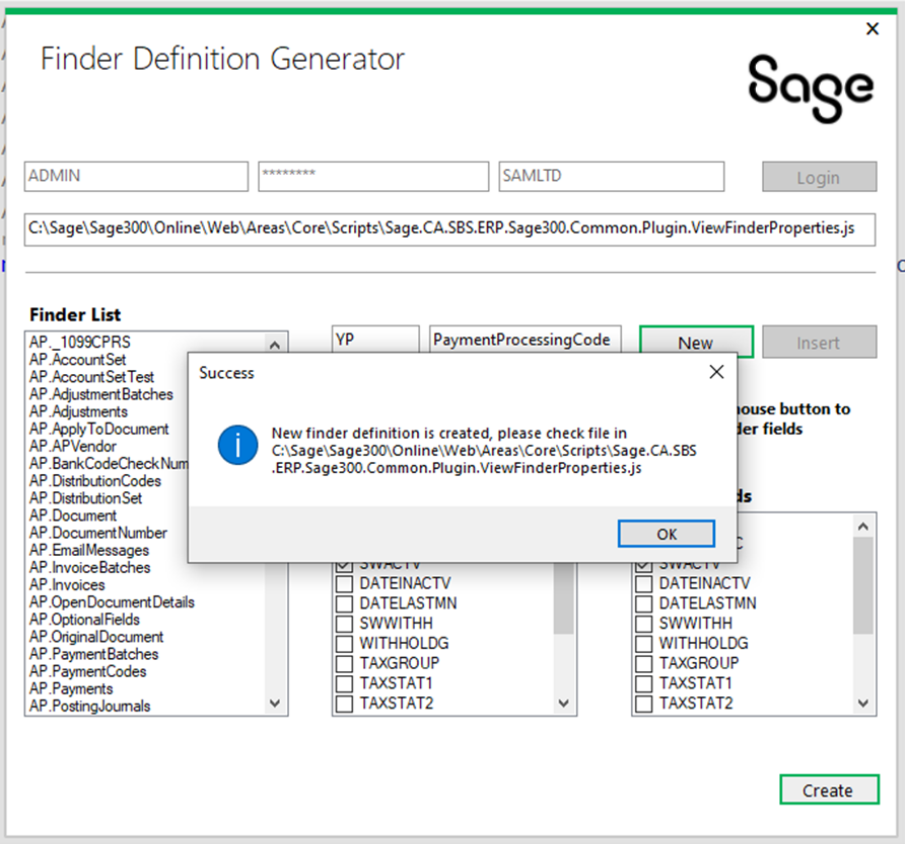
Enter the module id into the Module field, a finder name into the FinderName field, a valid View ID into the View ID field, select the view order in the Finder View Order field, select the Display Fields and Return Fields. Once you’ve done this, click on the **Insert** button.

* 1. Step 3.2 – Create a new entry



The newly created finder definition will now appear in the **Finder List**. In this example, it’s called **AP.AccountSetTest**. Click on the **Create** button to save the list back to the file system.

* 1. Step 3.3 – Create a new entry



After you clicked the **Create** button, a dialog box will be displayed informing of the status of the save operation. The specified configuration file will now contain the new entry.

At this point you may close the utility by clicking on the **X** in the top-right corner of the utility.