Sage 300 Web Screens SDK

Finder Definition Generator

August 2021

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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

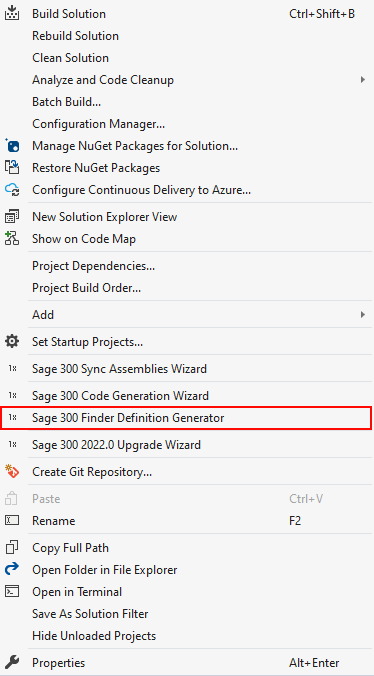
The Sage 300 Finder Definition Generator is a Visual Studio Plugin that was developed in Visual Studio 2019 and is compatible with Visual Studio. The Sage 300 Finder Definition Generator tool is bundled with the Sage 300 UI Wizard package (Sage 300 Solution and Code Generation Wizards)

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

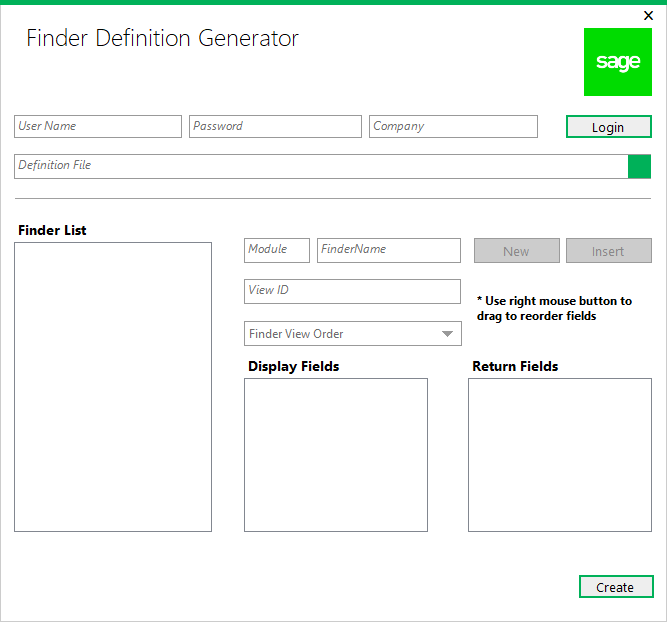
To install the utility:

1. Run Sage300UIWizardPackage.vsix.
2. Select the Install the Wizard Package option.
3. Accessing the Utility

With a partner or the provided Sage 300 solution loaded in Visual Studio, right-click the solution, and click Sage 300 Finder Definition Generator.

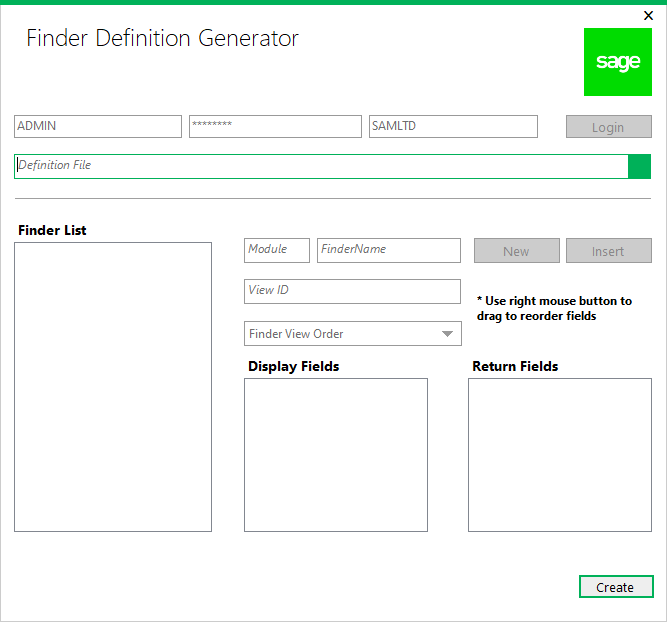


1. Using the Utility



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* 1. Step 1 – Provide your Sage 300 credentials and load an existing ViewFinderProperties.js file.

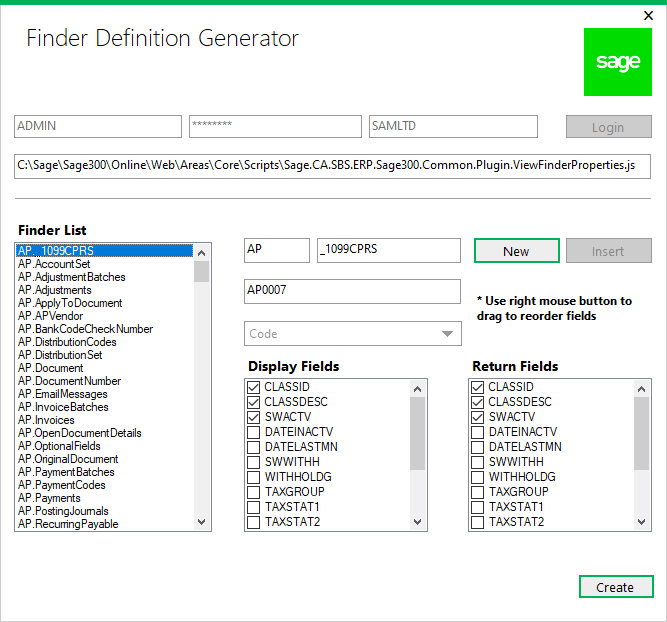


Enter your Sage 300 username, password and company name in the edit boxes.

Click Login to proceed. Next, click on the green box at the end of the ‘Definition File’ textbox to select the ViewFinderProperties.js file. The utility will automatically look in your Sage 300 installation folder for an existing ViewFinderProperties.js file. Once you’ve selected an existing file, it will be loaded automatically.

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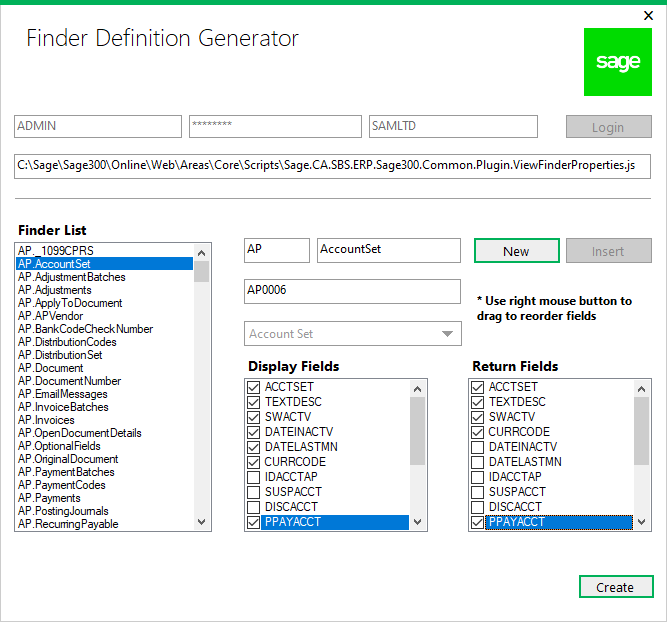
* 1. Step 2 – Edit an existing entry



Once an existing ViewFinderProperties.js file has been loaded, you many now edit an existing entry or add a new entry. We are going to edit an existing entry.

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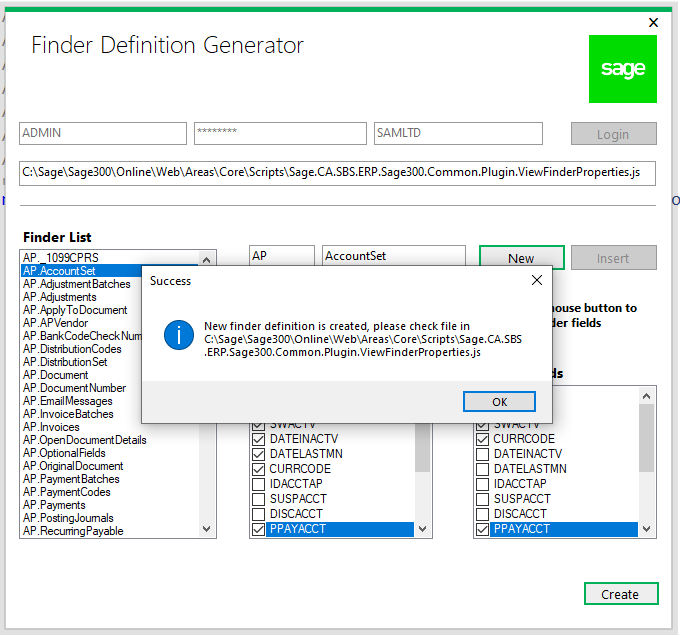
* 1. Step 2.1 – Edit an existing entry



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. For this example, 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.

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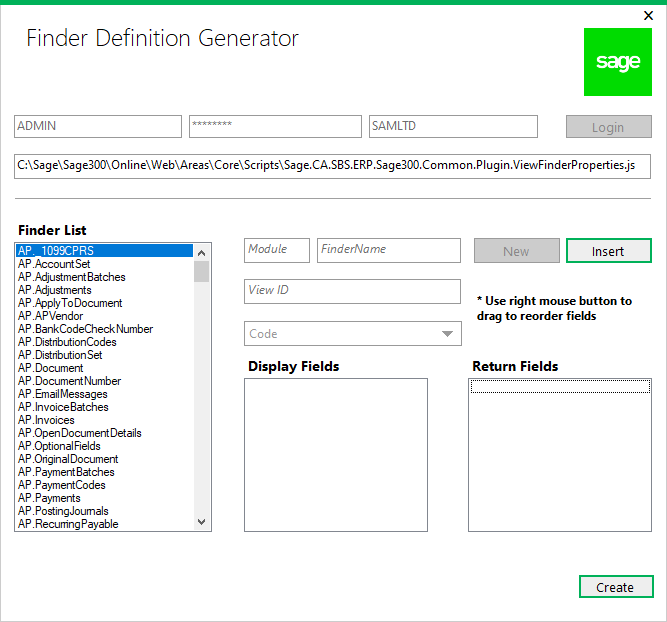
* 1. Step 2.2 – Edit an existing entry



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

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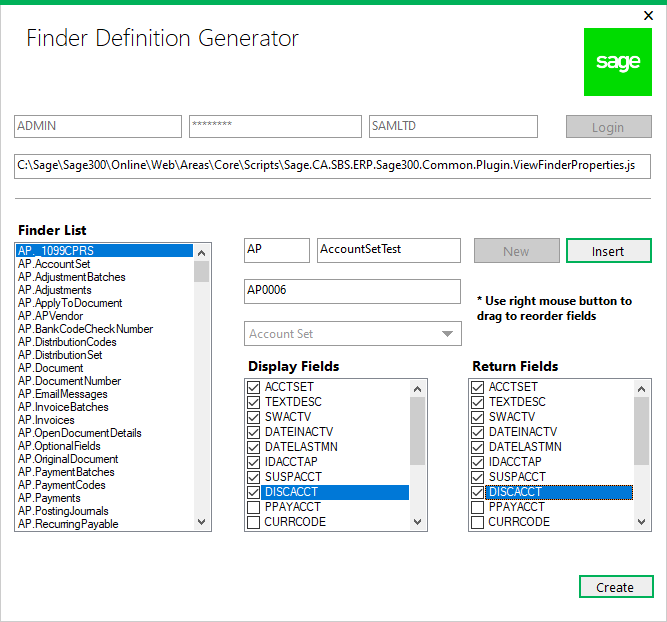
* 1. Step 3 – Create a new entry



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.

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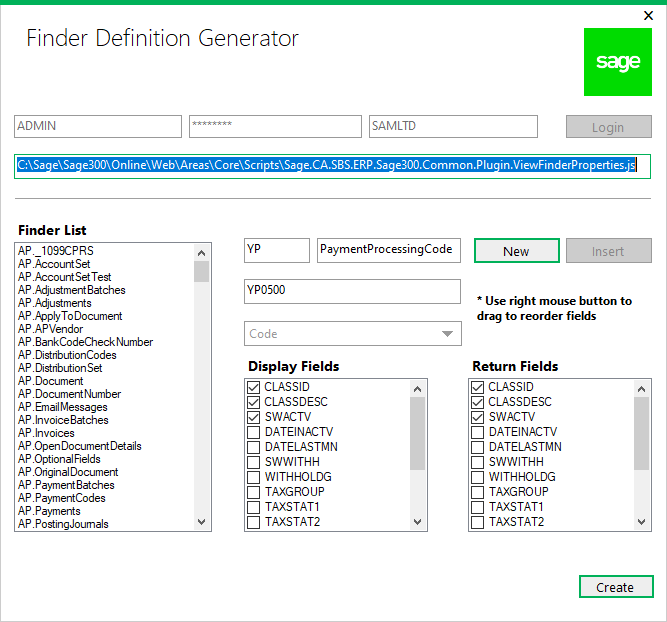
* 1. Step 3.1 – Create a new entry



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.

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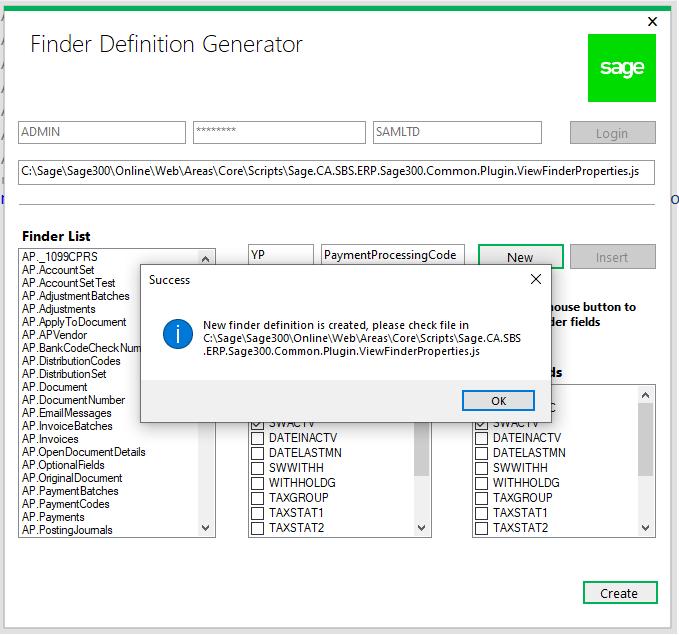
* 1. Step 3.2 – Create a new entry



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.

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* 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 ViewFinderProperties.js 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.