

# Samples for the SAP IBP Ribbon Extension

You can extend the **SAP IBP** ribbon of the SAP IBP, add-in for Microsoft Excel (Excel add-in) with additional VBA functions by using an .xml file and VBA coding included in a .xlam file.

This document provides detailed information about the steps that need to be done and additional information related to the sample files provided.

## MAIN STEPS

1. Create a file called **RibbonXML.xml** and save it at location **%localappdata%\SAP\_IBP\_AddIn**. The .xml file contains details about the elements to be added and names the VBA functions that are to be triggered. For details see SAP Help Portal at [Contents of the RibbonXML.xml](#).
2. Create a Microsoft Excel .xlam file containing the implementation of the VBA functions that are named in the .xml file and save it at location **%appdata%\Microsoft\AddIns** to make it available as Excel add-in. You can decide how to name the file. In our examples we are using **IBPExtension.xlam**.
3. Enable the add-in by choosing **Microsoft Excel > File > Options > Add-ins > Manage: Excel Add-ins > Go...** and selecting its checkbox. This way the add-in is loaded each time you open a Microsoft Excel workbook.

Please note: This needs to be done on each PC where the SAP IBP, add-in for Microsoft Excel should be extended.

4. The **SAP IBP** ribbon is automatically updated with your additional VBA functions. The functions are added to the right part of the **SAP IBP** ribbon.

## SAMPLES

### 1.1 Sample to explain the content of the .xml and .xlam file

This sample provides a .xml file that includes all different kind of components. It is meant to provide an overview about how the content could look like and how to model the different components. There's no concrete business use case behind. The same applies to the .xlam file. Instead of message dialogs showing up you would need to implement your VBA functions that fit to your business use case.

Please note: To be able to use the <OnActionParameters> specified in the sample .xml file you need to have at least version 2302.2.0 of the Excel add-in installed.

### 1.2 Sample to add one basic function

This is an easy example how to extend the **SAP IBP** ribbon by one VBA function. With the sample files you are able to add a basic VBA function to the **SAP IBP** ribbon that is triggering one of the existing [SAP IBP APIs](#). The function allows you to log on to a specific connection (system and planning area) by using the **SAP IBP API** "Connect".

Please note: The connection name you are passing as parameter when calling the API "Connect" needs to be an existing name of a connection.

### 1.3 Sample for 2302 and newer

This is a more complex example that builds on the previous sample. With the sample files you are able to add several functions to the **SAP IBP** ribbon, using the **SAP IBP APIs** "Connect" and "OpenFavorite" and <OnActionParameters> that are available with Excel add-in version 2302.2.0 and newer. Additionally, the functions are getting enabled or disabled dependent on whether you are connected to an IBP system or not.

Please note: The connection name you are passing as parameter when calling the API “Connect” needs to be an existing name of a connection. Same applies for the parameter you are passing when calling the API “OpenFavorite”, the name of the planning view favorite needs to exist in your system and planning area.

## CONCLUSION

This sample files are meant to show you the possibilities of the **SAP IBP Ribbon Extension** functionality. Even if you do not see an added value in the additional functions provided, we encourage you to think about your own business use cases and how you could implement those along with the **SAP IBP APIs** we are providing.

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