

INSTALLATION & QUICK SETUP – IN Apps Analyzer

This document indicates the steps to follow to use the IN Apps Analyzer app.

Change dashboard interface

The homepage related with the IN Apps Analyzer interface can be changed as follows, if it is not already established:

On the top right corner search for a **settings icon** like in **Figure 1** and click it.



Figure 1: My Settings button

Then clicking on **My Settings** as shown in **Figure 2**, a new window will pop up.

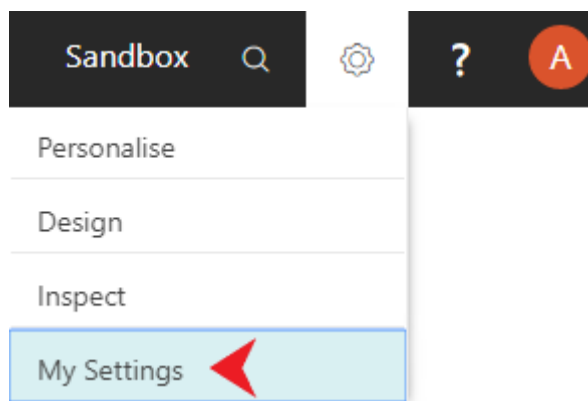


Figure 2: My Settings

On the Role Center (**Figure 3**) row, click the **dots** to unfold the list.

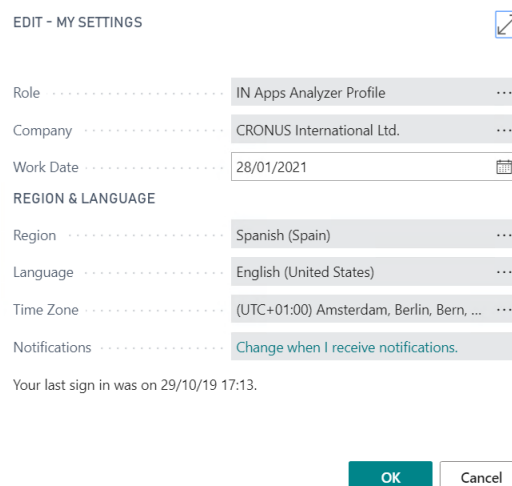


Figure 3: Role Center profile

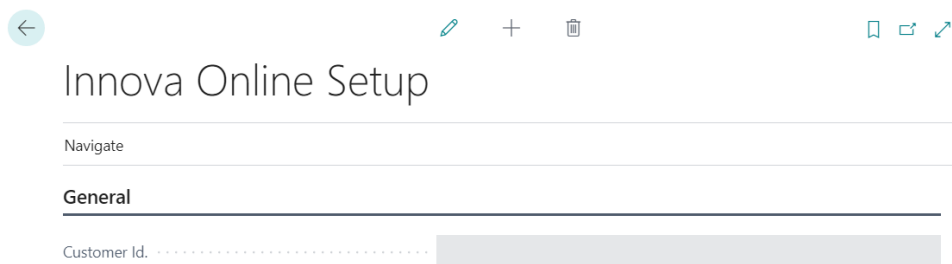
At the end of the list you can find the IN Apps Analyzer Profile like in **Figure 4**. Please select it and then click OK to confirm your action.

Finance
Human Resources
IN Apps Analyzer Profile

Figure 4: Module selection

Innova Online Setup

For use the IN Apps Analyzer, you must configure the Innova Online Portal. You must access to Setup and put your Customer Id. from Innova Online portal.



Extensions Page

On the main dashboard page, under the activities tab, there are the Extensions page.

You can see the system extensions with version, name, identifier, etc. like in **Figure 9**.

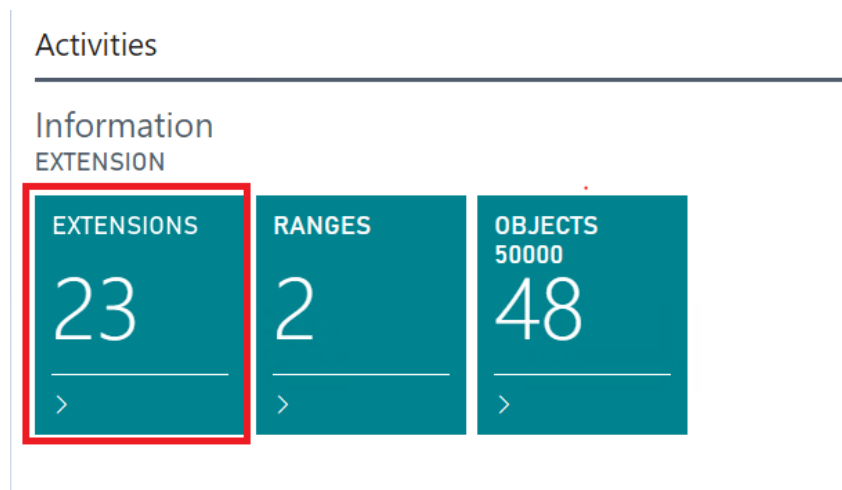


Figure 9: Extensions Page Rol Center

When you open the Extensions page, you will see the information, like Figure 10.

← EXTENSIONS | WORK DATE: 28/01/2021

Search Edit List Open in Excel Actions Navigate Fewer options

Name ↑	Version	Publisher	Installed	Ranges	App ID
→ _Exclude_APIV1_	15.0.36560.36626	Microsoft	✓	0	{8afe7b40-8...
_Exclude_ClientAddIns_	15.0.36560.36626	Microsoft	✓	0	{8b3609cf-3...
ALProject52	1.0.0.0	Default publisher	✓	0	{3e70fe73-c...
ALProject53	1.0.0.0	Default publisher	✓	0	{4c9e07f9-7...
Any	15.0.36560.36626	Microsoft	✓	0	{e7320ebb-1...
Base Application	15.0.36560.36626	Microsoft	✓	0	{437dbf0e-8...
Business Central Intelligent Cloud	15.0.36560.36626	Microsoft	✓	0	{334ef79e-5...
eSign ePDF	3.0.1.0	Innova Advanced Consulting	✓	0	{44ccd4d7-4...
Essential Business Headlines	15.0.36560.36626	Microsoft	✓	0	{2a89f298-7...
IN Apps Analyzer Docker	1.0.0.0	Innova Advanced Consulting	✓	2	{da36d71e-8...

Figure 10: Extensions page

From this page, you can see Extension Dependencies, like Figure 11.

← EXTENSION DEPENDENCIES | WORK DATE: 28/01/2021

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App ID	Name	Publisher
{63ca2fa4-4f03-4f2b-a480-172fef340d3f}	System Application	Microsoft
{437dbf0e-84ff-417a-965d-ed2bb96509...}	Base Application	Microsoft

Figure 11: Extension Dependencies

Extension Objects, like Figure 12.

← EXTENSION OBJECTS | WORK DATE: 28/01/2021

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Object Type	Object Subtype	Object ID. ↑	Object Name	Object Caption	Extension Name	Extension ID
Table	:	61320	INNAANDSetup	Innova Online Setup	IN Apps Analyzer Docker	{da36d71e-8...
Table		61321	INNAANDAggregatedSetup	Innova Online Aggregated Set...	IN Apps Analyzer Docker	{da36d71e-8...
Table		61322	INNAANDAppsAnalyzerCue	Apps Analyzer Cue	IN Apps Analyzer Docker	{da36d71e-8...
Table		61323	INNAANDExtensions	Extensions	IN Apps Analyzer Docker	{da36d71e-8...
Table		61324	INNAANDExtensionRanges	Extension Ranges	IN Apps Analyzer Docker	{da36d71e-8...
Table		61325	INNAANDExtensionObjectsDetail	Extension Objects Detail	IN Apps Analyzer Docker	{da36d71e-8...
Table		61326	INNAANDExtensionObjectsFree	Extensions Objects Free	IN Apps Analyzer Docker	{da36d71e-8...
Table		61327	INNAANDExtensionDependencies	Dependencies	IN Apps Analyzer Docker	{da36d71e-8...
Table		61328	INNAANDCheckList	Check List	IN Apps Analyzer Docker	{da36d71e-8...
Codeunit		61320	INNAANDInstall	INNAANDInstall	IN Apps Analyzer Docker	{da36d71e-8...
Codeunit		61321	INNAANDManagementData	INNAANDManagementData	IN Apps Analyzer Docker	{da36d71e-8...
Codeunit		61322	INNAANDActionsPortal	INNAANDActionsPortal	IN Apps Analyzer Docker	{da36d71e-8...
Codeunit	Upgrade	61323	INNAANDUpgrade	INNAANDUpgrade	IN Apps Analyzer Docker	{da36d71e-8...

Figure 12: Extension Objects

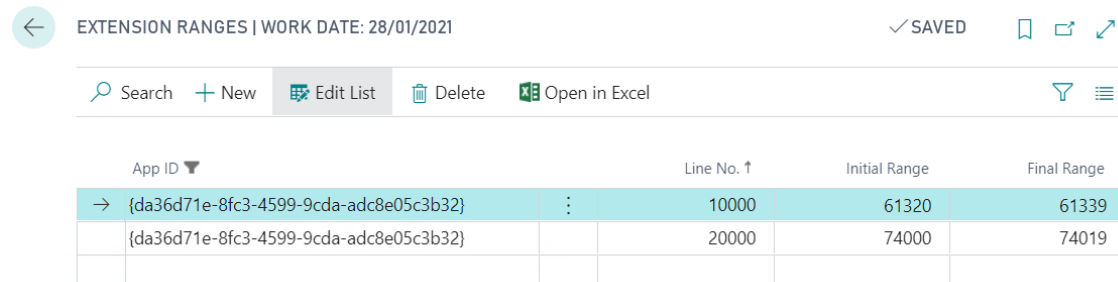
And Extension Objects Detailed (Used Objects, Free Slots and Free Objects) grouped by Object Type, like Figure 13.



Object Type ↑	Used Objects	Free Slots	Free Objects
Table	9	0	31
Report	0	0	40
Codeunit	7	0	33
MenuSuite	0	0	40
Page	15	0	25
Query	0	0	40
System	0	0	40
FieldNumber	0	0	40
PageExt	0	0	40
TableExt	0	0	40

Figure 13: Extension Objects Detail

Also, you can to indicate the ranges used in your extensions, referred to property “idRanges” in “app.json” file of your extension. For this, you must use the Action Set Ranges, like Figure 14.



App ID ▼	Line No. ↑	Initial Range	Final Range
→ {da36d71e-8fc3-4599-9cda-adc8e05c3b32}	10000	61320	61339
{da36d71e-8fc3-4599-9cda-adc8e05c3b32}	20000	74000	74019

Figure 14: Set Ranges

Check Ranges Tool

When you want to check if a range is available for use in a new extension, you can use the tool Check Ranges.

This tool request the range (initial and final) and show you messages for your information, like Figure 15 and 16.

EDIT - REQUEST RANGES ↗

Put the Initial and Final range for check if exists free objects.

Initial Range

Final Range

Figure 15: Request Ranges

← CHECK LIST | WORK DATE: 28/01/2021 🔖 📄 ↗

🔍 Search Open in Excel 🔍 ☰

Check Type	Comment
Objects in Range	There are 31 objects in this range.
Extensions in Range	There are 1 extensions in this range.
Extension Ranges in Range	There are 1 extension ranges in conflict with this range.

Figure 16: Check Ranges

For each line, you can access to message for see the objects, extensions or extension ranges, like Figure 17.

← EXTENSION OBJECTS | WORK DATE: 28/01/2021 🔖 📄 ↗

🔍 Search Open in Excel 🔍 ☰

Object Type	Object Subtype	Object ID. ↑	Object Name	Object Caption	Extension Name	Extension ID
Table	:	61320	INNAANDSetup	Innova Online Setup	IN Apps Analyzer Docker	{da36d71e-8fc3-4599-9cda-
Table		61321	INNAANDAggregatedSetup	Innova Online Aggregated Set...	IN Apps Analyzer Docker	{da36d71e-8fc3-4599-9cda-
Table		61322	INNAANDAppsAnalyzerCue	Apps Analyzer Cue	IN Apps Analyzer Docker	{da36d71e-8fc3-4599-9cda-
Table		61323	INNAANDExtensions	Extensions	IN Apps Analyzer Docker	{da36d71e-8fc3-4599-9cda-
Table		61324	INNAANDExtensionRanges	Extension Ranges	IN Apps Analyzer Docker	{da36d71e-8fc3-4599-9cda-

Figure 17: Check List Objects in Range.