

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.

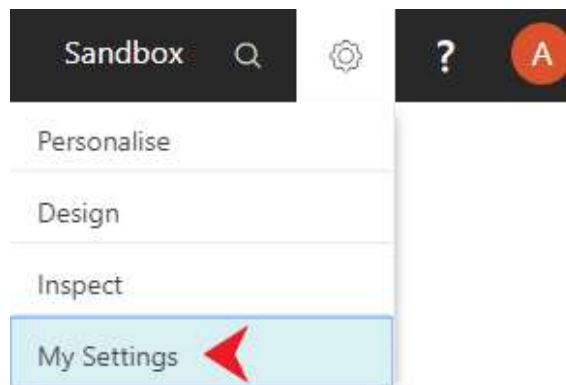




Figure 2: My Settings

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

EDIT - MY SETTINGS 

Role IN Apps Analyzer ...

Company CRONUS International Ltd. ...

Work Date 27/01/2022 

REGION & LANGUAGE

Region Spanish (Spain) ...

Language English (United States) ...

Time Zone (UTC+01:00) Amsterdam, Berlin, Bern,

Notifications [Change when I receive notifications.](#)

Your last sign in was on 06/05/20 09:58.

[OK](#) [Cancel](#)

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.

Dispatcher - Customer Service
Docuten eSign
eSign ePDF
Finance
Human Resources
→ IN Apps Analyzer

Figure 4: Module selection

Work Area

We can see the tiles for functionalities in the work area, also we can access to the actions how Setup, Tools, etc.

Activities

Information EXTENSION

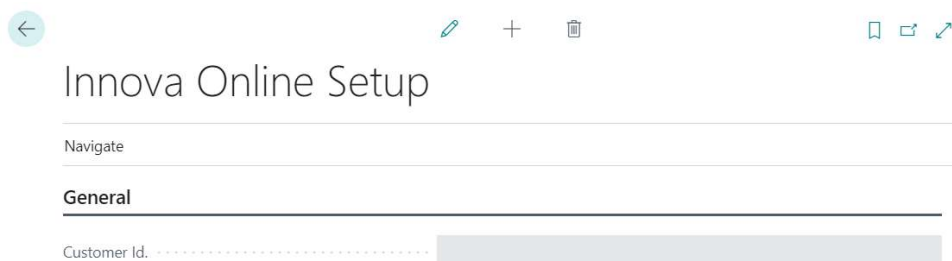


[Back to top](#)

The extensions and ranges tiles have 0 value the first time. When access to the extensions tiles, the system loads the current extensions in the system. This is because the information of extensions is saved even if they are no longer installed in the system.

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. The Customer Id is in the last section of document.



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**.

Activities

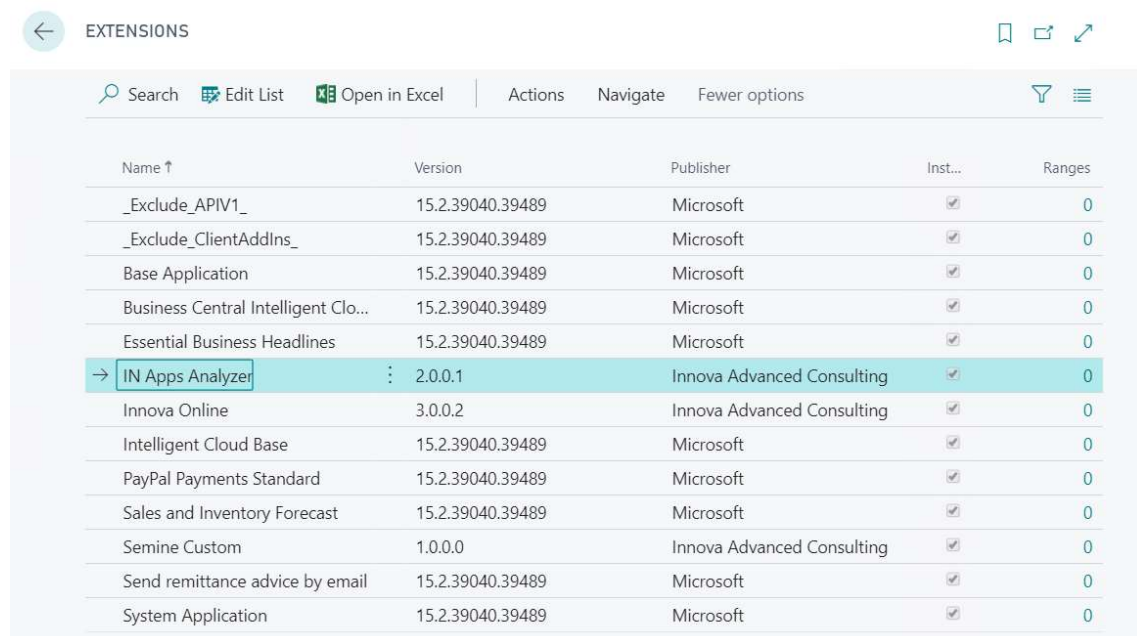
Information

EXTENSION



Figure 9: Extensions Page Rol Center

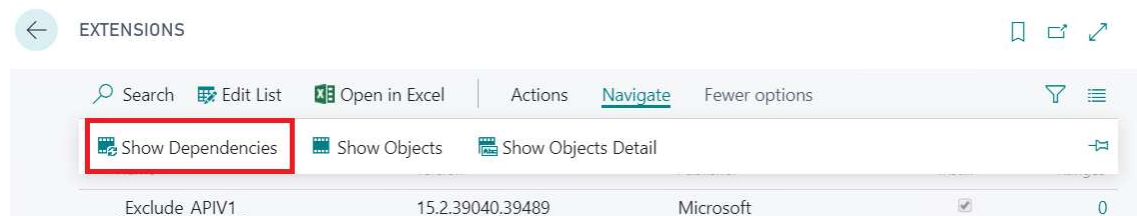
When you open the Extensions page, you will see the information, like Figure 10.



Name ↑	Version	Publisher	Inst...	Ranges
_Exclude_APIV1_	15.2.39040.39489	Microsoft	✓	0
_Exclude_ClientAddIns_	15.2.39040.39489	Microsoft	✓	0
Base Application	15.2.39040.39489	Microsoft	✓	0
Business Central Intelligent Clo...	15.2.39040.39489	Microsoft	✓	0
Essential Business Headlines	15.2.39040.39489	Microsoft	✓	0
→ IN Apps Analyzer	2.0.0.1	Innova Advanced Consulting	✓	0
Innova Online	3.0.0.2	Innova Advanced Consulting	✓	0
Intelligent Cloud Base	15.2.39040.39489	Microsoft	✓	0
PayPal Payments Standard	15.2.39040.39489	Microsoft	✓	0
Sales and Inventory Forecast	15.2.39040.39489	Microsoft	✓	0
Semine Custom	1.0.0.0	Innova Advanced Consulting	✓	0
Send remittance advice by email	15.2.39040.39489	Microsoft	✓	0
System Application	15.2.39040.39489	Microsoft	✓	0

Figure 10: Extensions page

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



Name ↑	Version	Publisher	Inst...	Ranges
_Exclude_APIV1_	15.2.39040.39489	Microsoft	✓	0

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

Search Open in Excel

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.

← EXTENSIONS

Search Edit List Open in Excel Actions Navigate Fewer options

Show Dependencies Show Objects Show Objects Detail

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}

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

Search Open in Excel

Figure 12: Extension Objects

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

← EXTENSIONS

Search Edit List Open in Excel Actions Navigate Fewer options

Show Dependencies Show Objects Show Objects Detail

_Exclude_APIV1_	15.2.39040.39489	Microsoft		0
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← EXTENSION OBJECTS DETAIL | WORK DATE: 28/01/2021

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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 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.

← EXTENSIONS

Search Edit List Open in Excel Actions Navigate Fewer options

Set Ranges					
_Exclude_APIV1_	15.2.39040.39489	Microsoft	✓	0	
_Exclude_ClientAddIns_	15.2.39040.39489	Microsoft	✓	0	
Base Application	15.2.39040.39489	Microsoft	✓	0	
Business Central Intelligent Clo...	15.2.39040.39489	Microsoft	✓	0	
Essential Business Headlines	15.2.39040.39489	Microsoft	✓	0	
→ IN Apps Analyzer	2.0.0.1	Innova Advanced Consulting	✓	0	

← EXTENSION RANGES ✓ SAVED

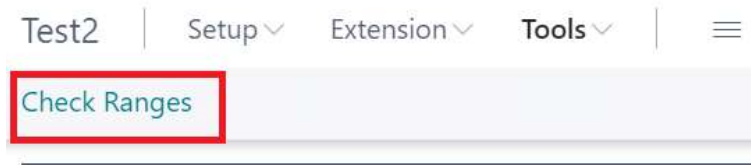
Search + New Edit List Delete Open in Excel

App ID ▼	Line No. ↑	Initial Range	Final Range
→ {48adb39-584a-4323-ab21-458effb75c39}	10000	5000	10000

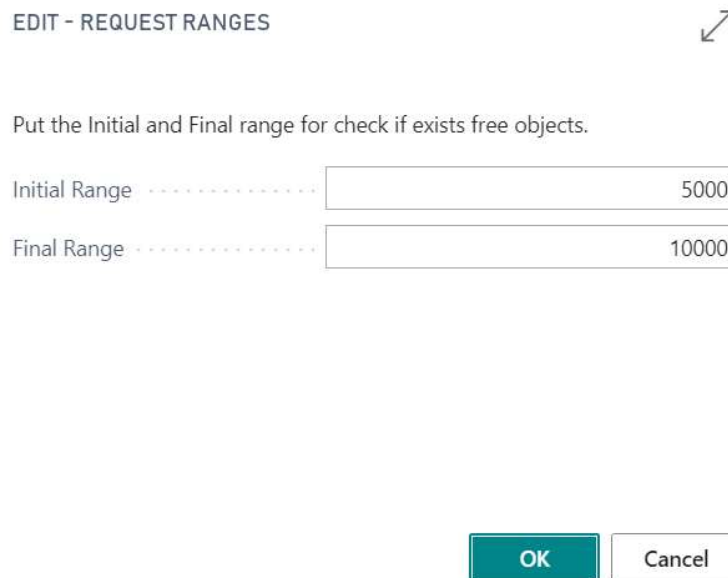
Figure 14: Set Ranges

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.

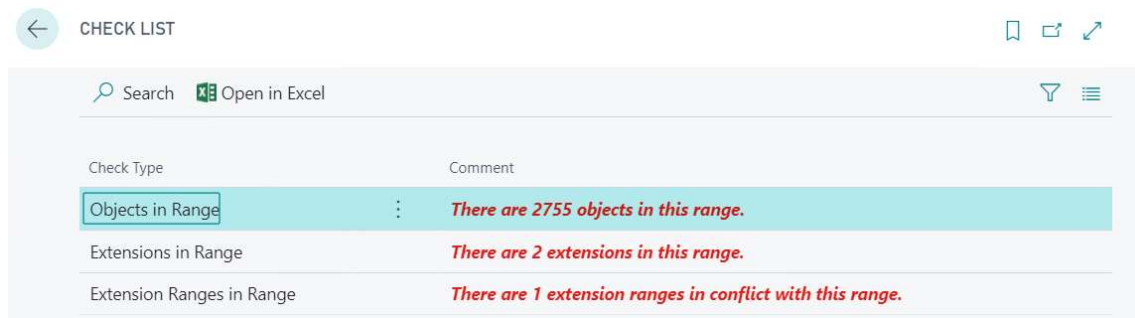


This tool requests the range (initial and final) and show you messages for your information, like Figure 15 and 16.



The screenshot shows a dialog box titled 'EDIT - REQUEST RANGES'. It contains a text prompt: 'Put the Initial and Final range for check if exists free objects.' Below this, there are two input fields. The first is labeled 'Initial Range' and has the value '5000' entered. The second is labeled 'Final Range' and has the value '10000' entered. At the bottom right, there are two buttons: 'OK' and 'Cancel'.

Figure 15: Request Ranges



The screenshot shows a table titled 'CHECK LIST'. The table has two columns: 'Check Type' and 'Comment'. The first row is highlighted in light blue and shows 'Objects in Range' with the comment 'There are 2755 objects in this range.' The second row shows 'Extensions in Range' with the comment 'There are 2 extensions in this range.' The third row shows 'Extension Ranges in Range' with the comment 'There are 1 extension ranges in conflict with this range.'

Check Type	Comment
Objects in Range	There are 2755 objects in this range.
Extensions in Range	There are 2 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, 18 and 19.

← EXTENSION OBJECTS

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Object Type	Object Subtype	Object ID. ↑	Object Name	Object Caption	Extension Name
Table	:	5050	Contact	Contact	Base Application
Table		5051	Contact Alt. Add...	Contact Alt. Address	Base Application
Table		5052	Contact Alt. Add...	Contact Alt. Addr. Date Range	Base Application
Table		5053	Business Relation	Business Relation	Base Application
Table		5054	Contact Busines...	Contact Business Relation	Base Application
Table		5055	Mailing Group	Mailing Group	Base Application
Table		5056	Contact Mailing ...	Contact Mailing Group	Base Application
Table		5057	Industry Group	Industry Group	Base Application
Table		5058	Contact Industry...	Contact Industry Group	Base Application
Table		5059	Web Source	Web Source	Base Application
Table		5060	Contact Web So...	Contact Web Source	Base Application

Figure 17: Check List Objects in Range.

← EXTENSIONS

Search Edit List Open in Excel Actions Navigate Fewer options

Name ↑	Version	Publisher	Inst...	Ranges
Base Application	15.2.39040.39489	Microsoft	<input checked="" type="checkbox"/>	0
→ System Application	15.2.39040.39489	Microsoft	<input checked="" type="checkbox"/>	0

Figure 18: Check List Extensions in Range.

← EXTENSION RANGES

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Extension Name	Initial Range ▼	Final Range ▼	App ID
IN Apps Analyzer	:	5000	10000 {48a4db39-584a-4323-ab21-458effb75c39}

Figure 19: Check List Extensions Ranges in Range.