

How to get started with OMA 365 for Microsoft Dynamics 365 Business Central



idyn



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OMA 365 – how to get started

The four steps to make OMA ready for Business Central are finally completed!

Step 1 – OMA13: We added a layer to make all tools object format independent. C/AL = AL

Step 2 – OMA14: We made a converter which made it possible to convert the OMA to AL.

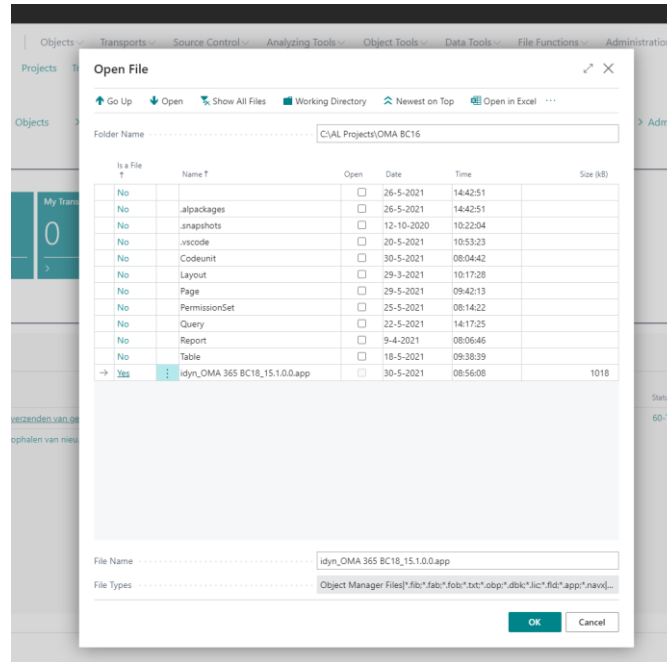
Step 3 – OMA15: We added the syntax tree which made it possible to add all new AL language options like Interfaces, Function Overloading, Complex Return Types etc.

Step 4 – OMA365: We went through all functionality to evaluate what is no longer needed and what must be added.

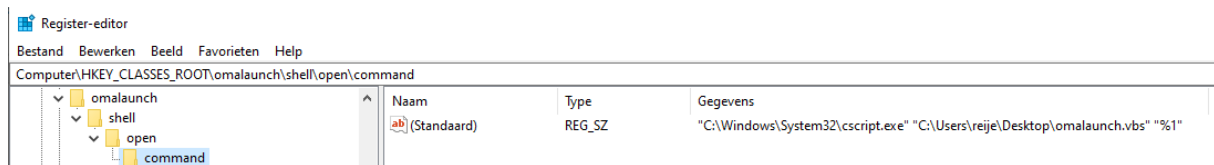
On-premises works best

OMA works best on a local on-premises installation:

- OMA reads and writes directly to the setup's working directory.
- OMA has its own common dialog page to select files and folders.



- OMA can use an URL scheme to launch your compare tool and visual code. It writes an entry to the registry which makes the URL omalaunch:omalaunch runs a vbs script.



All three bullets assume you are working on the same computer as the server.

Installing OMA365

Publish App

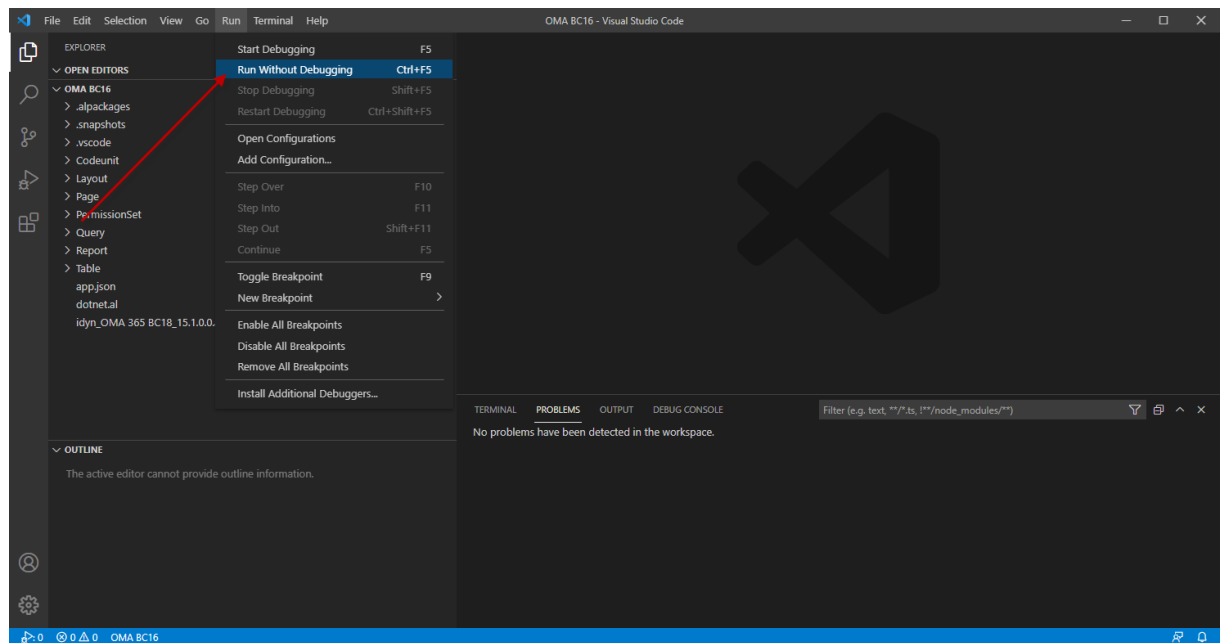
Publish OMA using PowerShell:

```
PS C:\WINDOWS\system32> Publish-NAVApp -ServerInstance BC180 -Path "C:\idyn_OMA 365 BC18_15.1.0.0.app" -SkipVerification  
PS C:\WINDOWS\system32> Install-NAVApp -ServerInstance BC180 -Path "C:\idyn_OMA 365 BC18_15.1.0.0.app"
```

```
Publish-NAVApp -ServerInstance BC180 -Path "C:\idyn_OMA 365  
BC18_15.1.0.0.app" -scope tenant -SkipVerification
```

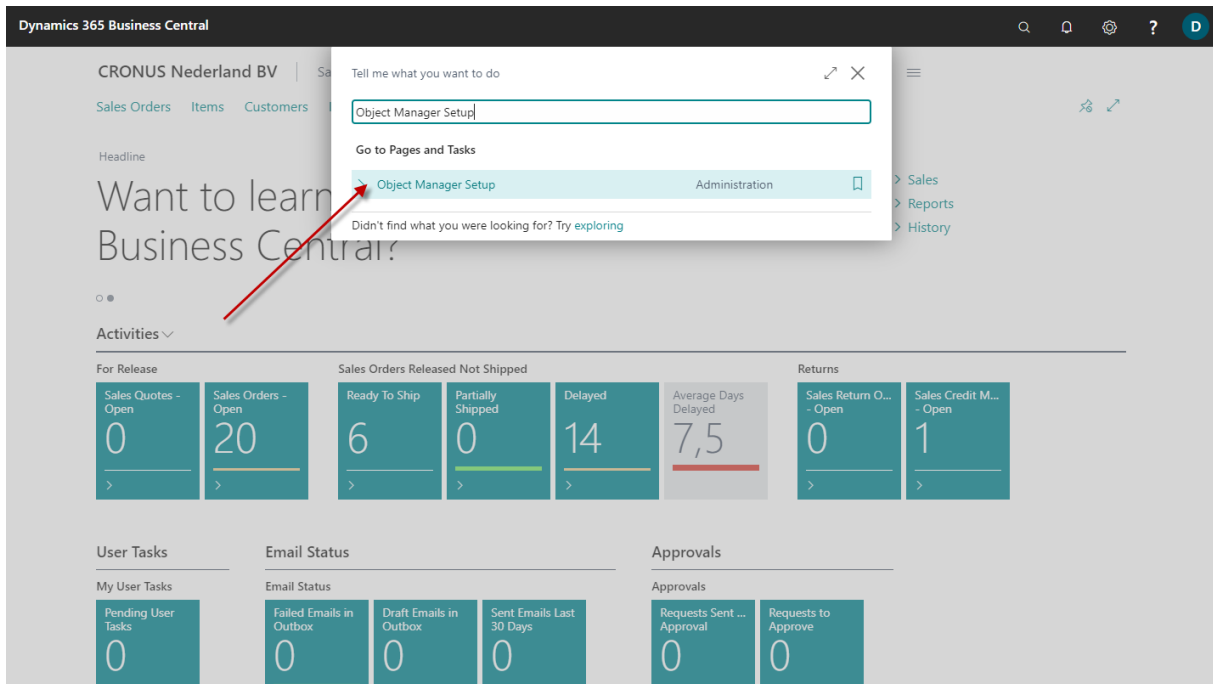
```
Install-NAVApp -ServerInstance BC180 -Path "C:\idyn_OMA 365  
BC18_15.1.0.0.app"
```

Or Visual Code:

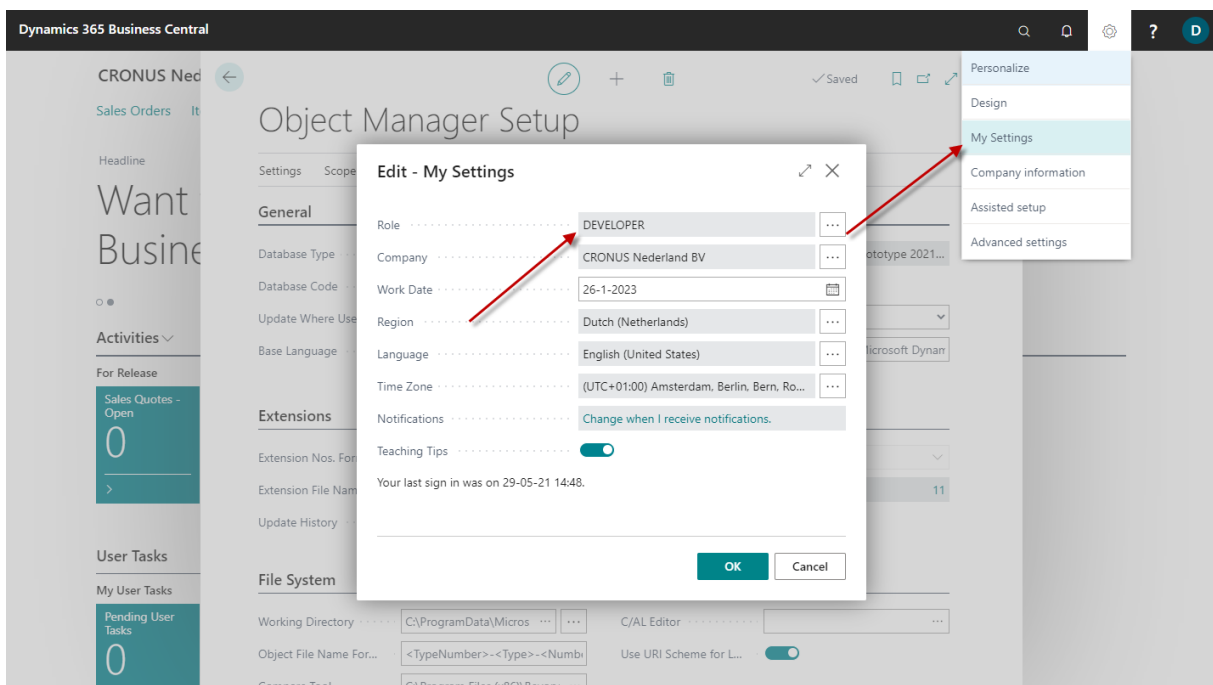


Activate Developer Role Center

Open the Object Manager Setup to initialize OMA.



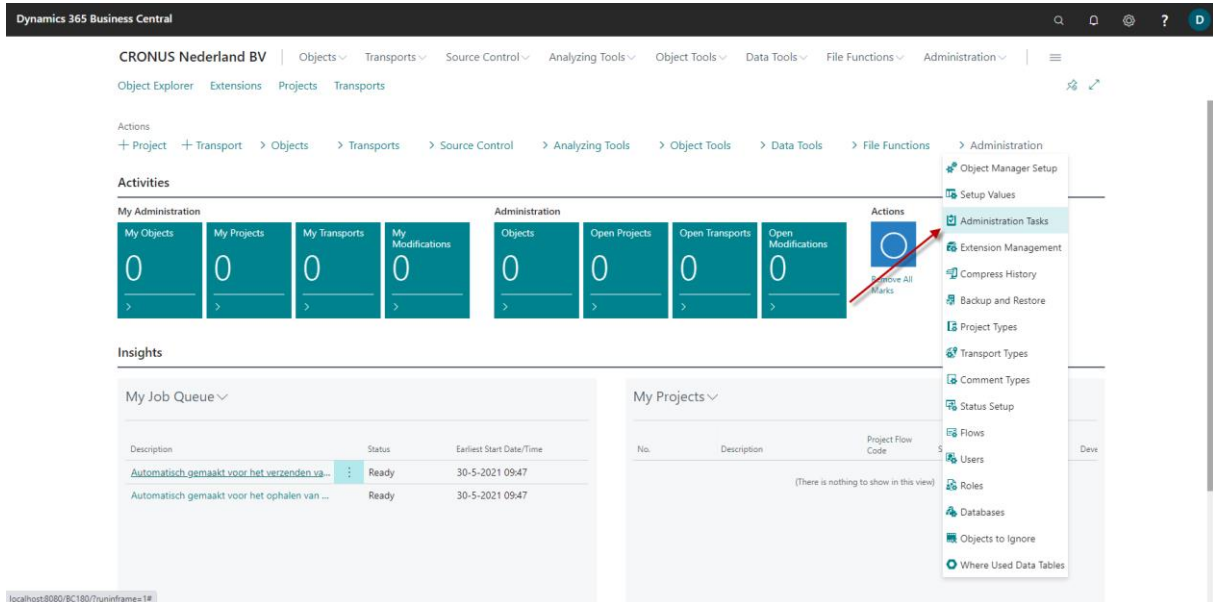
Open "My Settings" and choose DEVELOPER as role.



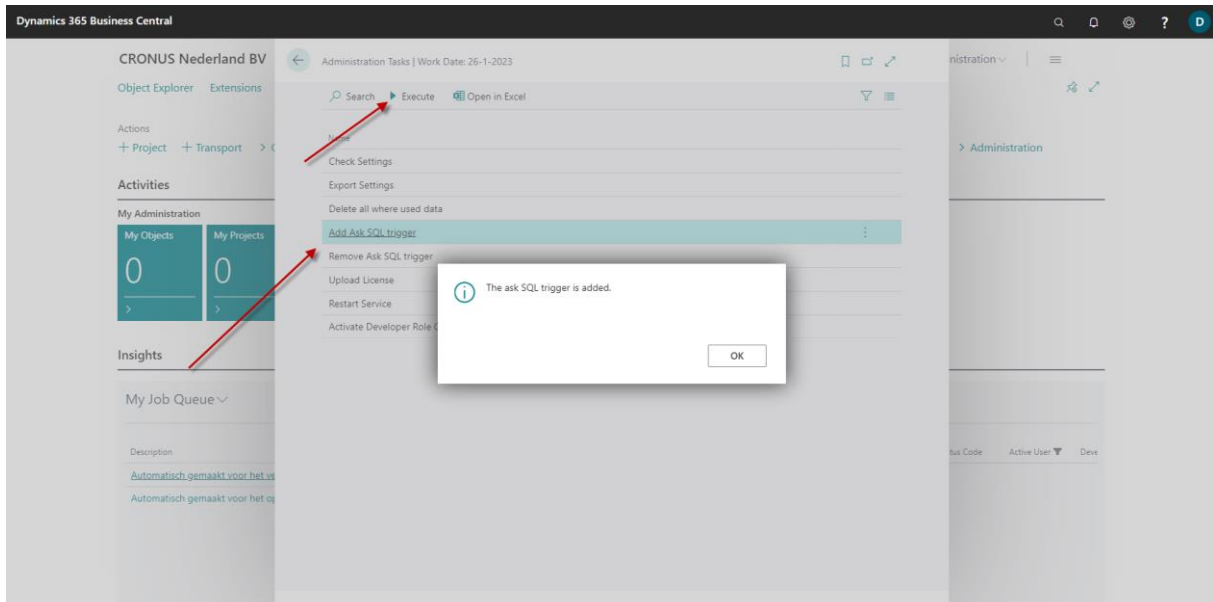
Add Ask SQL Trigger

To read source code and extension packages OMA uses a SQL trigger to bypass some limitations.

Open the Administration Tasks.



Execute "Add Ask SQL trigger"



NOTE: If you are working with a tenant database you need to add a database code in the Object Manager Setup. Otherwise, the "Ask SQL Trigger" cannot access the table which contains the source code.

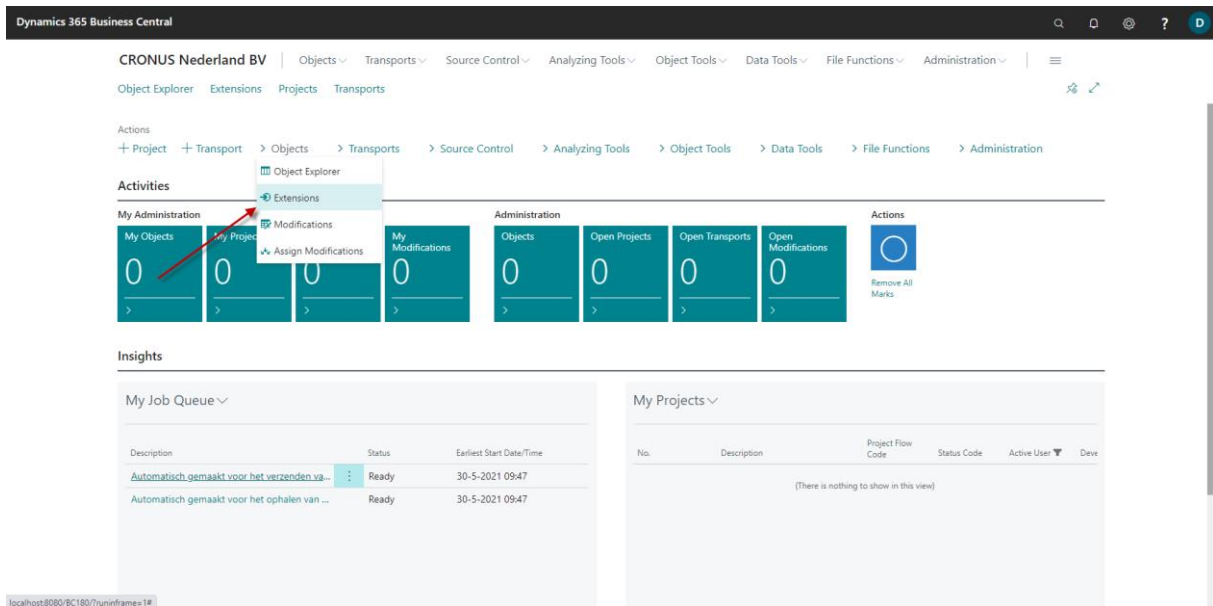
The screenshot shows the 'Object Manager Setup' page with the following settings:

Field	Value
Database Type	Development
Database Code	CURRENT
Update Where Used	Always
Base Language	ENU
Version	Advanced 15.01 beta 2021-05-30
Web Service Published	<input checked="" type="checkbox"/>
Web Service Respons...	JSON
PowerShell Data File	C:\Program Files\Microsoft Dynam...

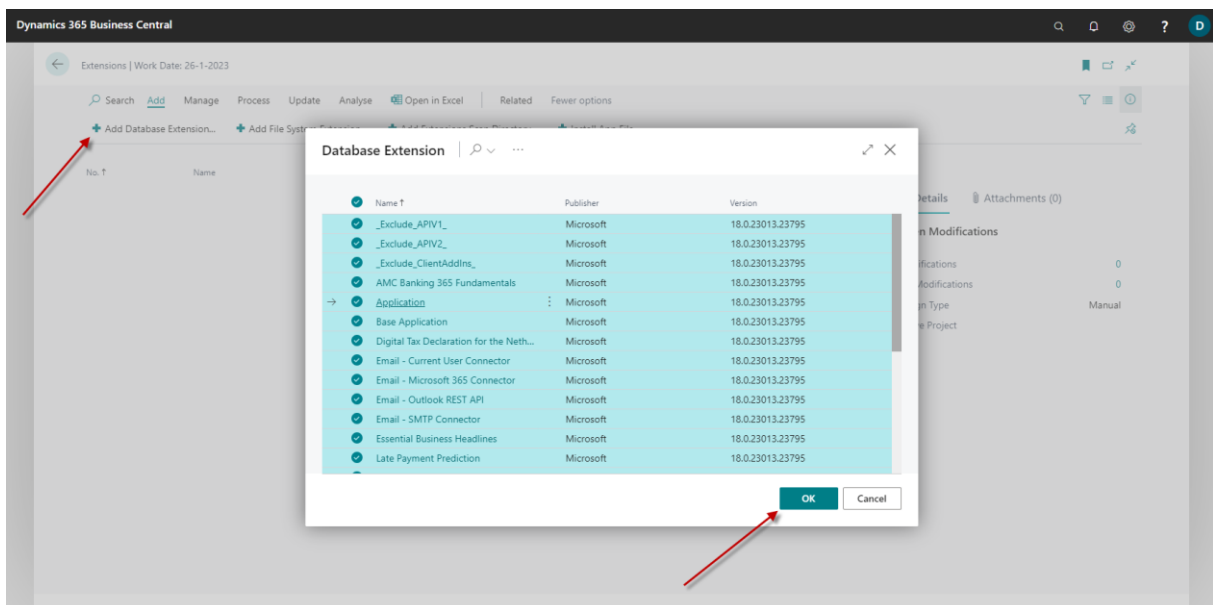
A red arrow points to the 'Database Code' field, which is currently set to 'CURRENT'.

Add Database Extensions

Open Extensions



Add Database Extensions -> Select All -> OK



That's it, you're ready to start using OMA 365 for Business Central.

More information about OMA can be found on our website:

<https://www.idyn.nl/user-guides/object-manager-advanced.html>

Roadmap OMA16

Create Page Wizard

Add license upload and restart service as actions to transports

New Guideline Checks

- Check Record.FindSet() has matching Record.Next()
- Add Integer := Decimal to the assign overflow check
- Check missing/obsolete InDataSet
- Check missing CalcFields
- Check Conflicting Shortcuts

Where Used

- Where Used on Option Values

Converter Action

- Fix wrong capitalization (wrong uppercases, lowercases in al code)