

What's new in Object Manager Advanced 16



idyn



Index

- What's new OMA16 2
 - Where used on field options 2
 - Expand to see where the line is used in the "Where Used In" list. 2
 - Show data model changes per transport..... 3
 - Include data model changes in transport 3
 - Add license file to a project or transport..... 4
 - When importing the transport the license file will be uploaded and you will be asked to restart the server 4
 - New administrations tasks 4
 - New Action Type to execute administration tasks 5
 - New Guideline Checks..... 6
 - New Converter Actions 6
 - New field "Subfolder Name" on the Converter Card to group functionality per subfolder. 6
 - Renumber Objects, Renumber Fields and Update Variables 7
 - Setup table no. for viewing extension tables..... 7
 - New Web Services..... 7
 - New Editor in OMA365..... 8
 - BC21 support - Business Central 2022 Wave 2 8

What's new OMA16

Where used on field options

The screenshot shows the OMA16 interface with two windows open. The 'Where Used Object Lines' window displays a table of object lines:

Object Type	Object No.	Object Name	Type	Id Name	No. of Times Used	Filled	With Validation	Code No.
Table	27	Item	Option	2108 FIFO	5			238
Table	27	Item	Option	2109 LIFO	2			238
Table	27	Item	Option	2102 Specific	8			238
Table	27	Item	Option	2103 Average	42			238
Table	27	Item	Option	2104 Standard	74			238

The 'Where Used In' window shows the following data:

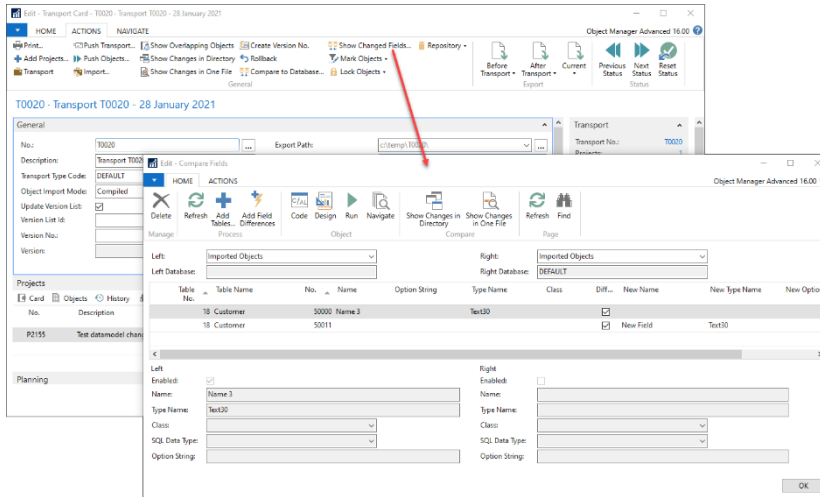
Object Type	Object No.	Object Name	Type	Name	Code
Codeunit	22	Item Invt-Post Line	Code	ApplyItemLedgEntry	IF Item.'Costing Method' = Item.'Costing Method' LIFO THEN
Codeunit	9000845	Reservation Management	Code	AutoReserveOnLine	IF Item.'Costing Method' = Item.'Costing Method' LIFO THEN BEGIN

Expand to see where the line is used in the "Where Used In" list.

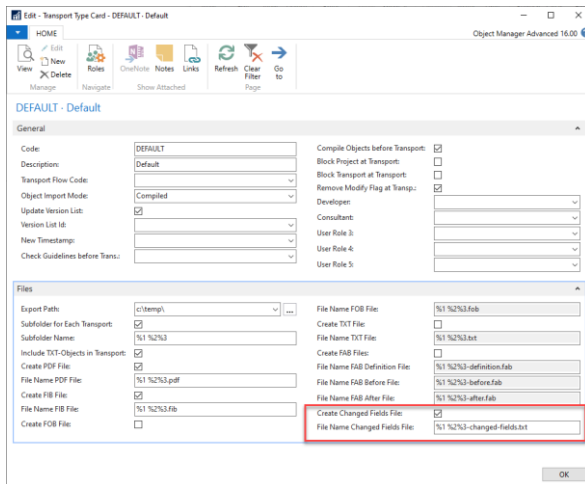
The screenshot shows the 'Where Used In' window expanded to show detailed object relationships. The 'Where Used In' window displays a table of object lines:

Object Type	Object No.	Object Name	Type	Name	Code
Table	2153	OS&S Payment Terms	Code	RefreshRecords	Description = PaymentTerms.GetDescriptionInCurrentLanguage
Table	2840	Native - Gen. Settings Buffer	Code	GetPaymentInfo	Def. Pers. Term Description' = PaymentTerms.GetDescriptionInCurrentLanguage
Table	2840	Native - Gen. Settings Buffer	Code	LoadRecord	GetPaymentInfo
Table	2840	Native - Gen. Settings Buffer	Code	UpdateLanguageId	GetPaymentInfo
Table	2840	Native - Gen. Settings Buffer	Code	SaveRecord	UpdateLanguageId
Page	2881	Native - Payment Terms	Code	OnAfterGetRecord	DescriptionInCurrentLanguage = GetDescriptionInCurrentLanguage
Page	2881	Native - Payment Terms	Code	DeInitialize	IF DescriptionInCurrentLanguage <> GetDescriptionInCurrentLanguage THEN BEGIN

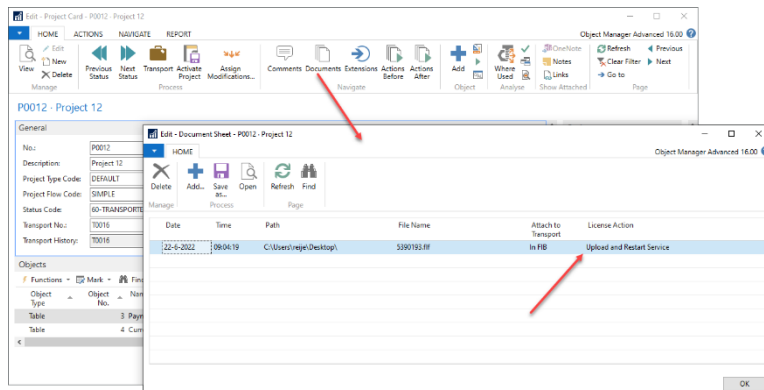
Show data model changes per transport



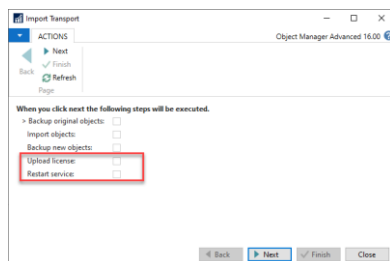
Include data model changes in transport



Add license file to a project or transport

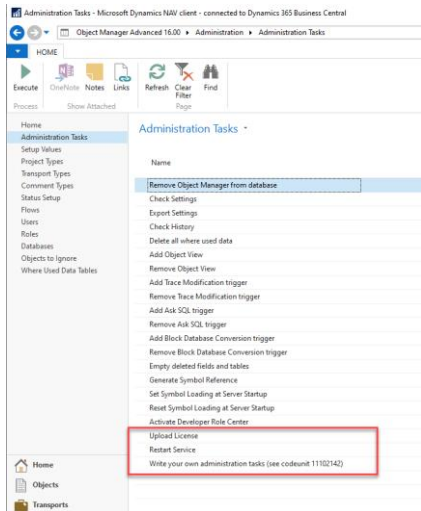


When importing the transport the license file will be uploaded and you will be asked to restart the server

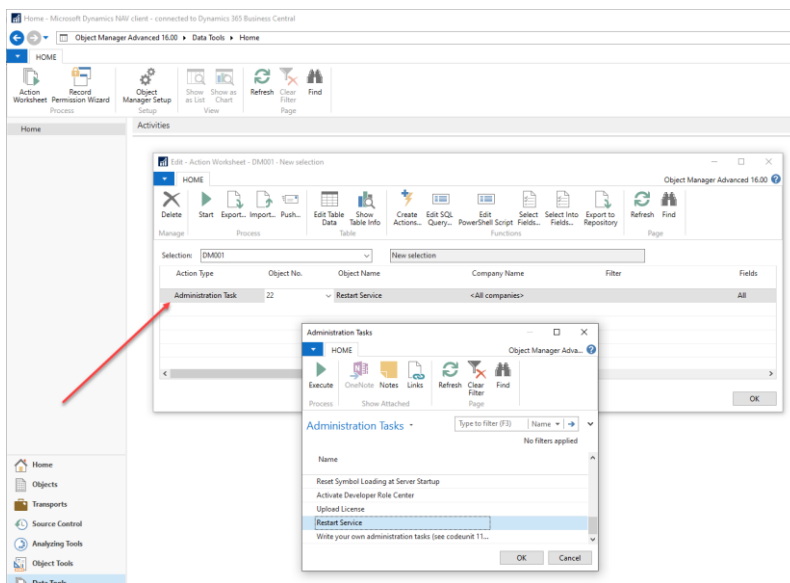


New administrations tasks

- Upload License
- Restart Service
- Write your own administration tasks



New Action Type to execute administration tasks



Upgrade of Compare Objects and Compare Fields. Possibility added to text files at both sides.

Compare Objects renamed to Unconfirmed Changes

Compare Database renamed to Compare Objects

AL Converter: Missing usage categories and application areas are read from MenuSuites.

Downgrade objects now also available for AL objects

New Guideline Checks

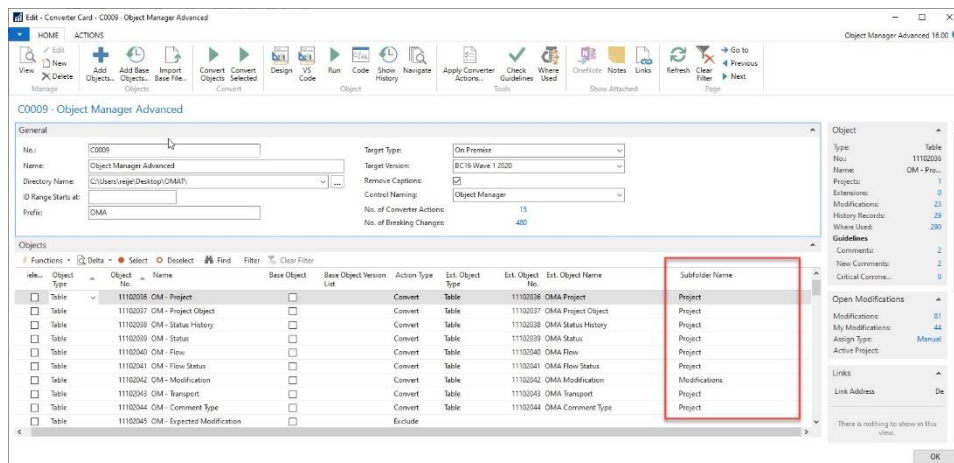
- Check parameter overflows (Text30 := Text250)
- Check if CalcFields is executed before use of FlowField
- Check if Record.FindSet has corresponding Record.Next and vice versa
- Check reserved shortcut keys for AL objects
- Check valid API Names
- Check proper use of InDataset

New Converter Actions

- Sort Variables
- Remove unused variables
- Renumber variables
- Localize global functions

Apply Converter Actions added to the following pages: “Object Explorer”, “Project Subform”, “Check Guidelines Comments” and “Compare Objects”.

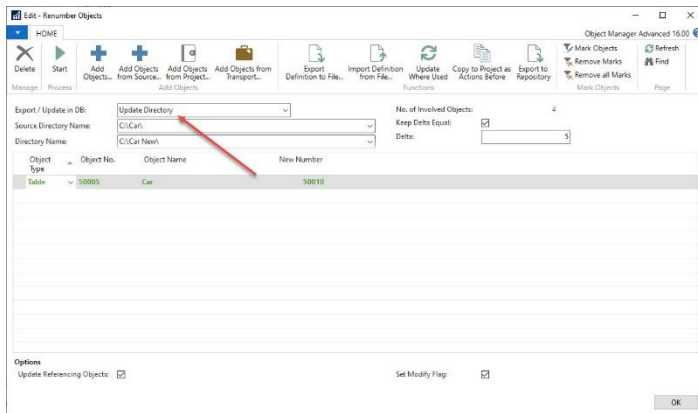
New field “Subfolder Name” on the Converter Card to group functionality per subfolder.



Renumber Objects, Renumber Fields and Update Variables

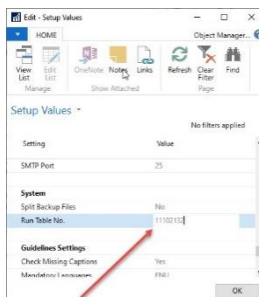
All three tools have a new option to update a complete directory (with subdirectories).

These tools can now also update AL files.



Setup table no. for viewing extension tables

When running an extension table OMA creates a view on SQL level and links that to table 11102132 "OM - Run Table". If your license does not allow modifying that table you can choose a free 50.000 table in the setup values.



New Web Services

- Execute Converter
- Create XLIFF
- Update MenuSuites

New Editor in OMA365

The screenshot displays the Dynamics 365 Business Central interface for editing the 'Table 36 Sales Header' object. The top navigation bar includes the title 'Dynamics 365 Business Central', a search icon, a notification bell, a settings gear, a help question mark, and a user profile icon 'D'. Below the navigation bar, the breadcrumb path is '...en -- Table 36 Sales Header | Werkdatum: 25-1-2024'. The main title 'Table 36 Sales Header' is centered. Underneath, the 'Object' tab is active, showing a toolbar with 'Design', 'Run', 'Save', 'Previous', 'Next', 'Go to Definition', 'Refresh Code', and 'Edit in External Editor'. The code editor shows AL code for the table, with line numbers 227 to 271. A warning message is displayed: 'Variable Name 'Customer' already in use as global'. The code includes field definitions and triggers for 'OnLookup()' and 'OnValidate()'. The 'OnLookup()' trigger contains logic for handling customer lookups and validation. The 'OnValidate()' trigger contains logic for validating the customer name based on the 'Bill-to Customer No.' field.

```
227 field(5; "Bill-to Name"; Text[100])
228 {
229     Caption = 'Bill-to Name';
230     TableRelation = Customer.Name;
231     ValidateTableRelation = false;
232 }
233 trigger OnLookup()
234 var
235     Customer: Record Customer;
236     IsHandled: Boolean;
237 begin
238     IsHandled := false;
239     OnBeforeValidateBillToName(Rec, Customer, IsHandled, xRec);
240     if IsHandled then
241         exit;
242
243     if "Bill-to Customer No." <> '' then
244         Customer.Get("Bill-to Customer No.");
245
246     if Customer.LookupCustomer(Customer) then begin
247         xRec := Rec;
248         "Bill-to Name" := Customer.Name;
249         Validate("Bill-to Customer No.", Customer."No.");
250     end;
251 end;
252
253 trigger OnValidate()
254 var
255     Customer: Record Customer;
256 begin
257     OnBeforeValidateBillToCustomerName(Rec, Customer);
258
259     if ShouldSearchForCustomerByName("Bill-to Customer No.") then
260         Validate("Bill-to Customer No.", Customer.GetCustNo("Bill-to Name"));
261 end;
262 }
263 field(6; "Bill-to Name 2"; Text[50])
264 {
265     Caption = 'Bill-to Name 2';
266 }
267 field(7; "Bill-to Address"; Text[100])
268 {
269     Caption = 'Bill-to Address';
270 }
271
```

BC21 support - Business Central 2022 Wave 2

For OMA training, beginner level or advanced, on-site or online, please contact us via **sales@idyn.nl**

For sales related inquiries about OMA or other idyn applications, contact us via **sales@idyn.nl**



idyn
Castle Dussen, Binnen 1
4271 BV, Dussen
Netherlands