MDCMS SYNON 2E Interface Manual English v8.2

MDCMS-SYNON/2E Interface Guide

Overview

The primary objective of the SYNON/2E interface is to handle the post generation promotion and deployment between development, test and production environments of the objects and source. The interaction and control of the SYNON/2E models is around the selection and "soft" locking of the SYNON/2E model objects. Objects can be checked out of a given model by a specific user in MDCMS and these objects will then be added to that users' SYNON/2E Model Object List in the same model. Once an object has been successfully promoted into the next level from the SYNON/2E Gen-Library, MDCMS removes the entry from that user's Model Object List. "Soft" locking allows the functionality of SYNON-2E to be used unrestricted, but warns the developer when checking out an object, already checked out by another developer.

Setup

The first step to setting up the 2E-MDCMS Interface is the *MDCMS Setup Menu*. This portion of MDCMS defines the application groups, environments, 2E models, object types and methods of source and object management. It is a mandatory process for using MDCMS.

The MDCMS menu is accessed by typing MDCMS from a command line. Press F4, if necessary, to select a product instance other than the default instance.

CMSMNU2 SCRN1	COMF MDCMS	PANY NA Setup	ME 24.06.24 Menu 09:38:17
Opt	Description	O pt	Description
1	Application Groups	11	System Settings
2	Promotion Levels	12	Job Settings
3	Attributes	13	Service Jobs
4	Commands/Scripts	14	Logging
5	Templates	15	User Groups
6	IBMi Locations	16	Project Costs
7	Distribution Levels		
		17	Push Settings Data to Locations
8	Security Settings (MDSEC)	18	Send Settings to Remote System
9	License Keys	19	Receive Settings from Remote System
10	Interface Settings	20	Create Config Deployment Settings
		21	MDCMS Configuration Report

Select Option 1 to bring up the MDCMS Setup Menu.



Application Groups

The Application Maintenance function defines application software into manageable groups for MDCMS.

From the MDCMS Setup Menu, select option 1 to bring up Application Codes

Press F6 to add a new Application Code.

MDCAPPL SCRN2 Adu	COMPANY NAME	24.06.24 09:42:20
		00112120
Application Code SQLS	DDL and RLA Synon Model	
RFP Start Index 80001	RFP Last Created:	
Automatically Reapply:		
Constraints: Y Y/N Journalin	ng: Y Y/N Triggers: Y Y/N	
Allow RFP Compile Resume	N Y/N	
Auto-Merge RFP in Send List .	O O=Optional, Y=Yes, N=No	
Auto-Merge Received RFP	N Y/N	
Auto-Delete LFs in Unmanaged L	ib. N Y/N	
Update Object Description With	:	
Attr / User Defined Attribute	Y Y/N	
RFP # 1 / Object Control Leve	l . C N=None, F=From, O=Origin, C=Curi	rent
RFP # 2 / PTF	O N=None, F=From, O=Origin, C=Curi	rent
Appl, Level / APAR	Y Y/N	
Proj, Task, Subtask / LICPGM	Y Y/N	
Enter=Confirm F12=Previous		

Add a suitable application code and description and press Enter to confirm.

SYNON-2E Note: Typically, there will be one MDCMS application per SYNON/2E Model, though certain models may share the same runtime and therefore be managed in the same MDCMS application.

For additional settings on this screen please refer to the MDCMS Manual - in the Application Groups section

Press F3 to return to the MDCMS Setup Menu.

Promotion Levels

Promotion Level Maintenance defines and sequences the specific environments for the installation of objects for an Application.

SYNON-2E Note: From a SYNON/2E perspective the first or lowest promotion level for an application group, is the library/s where any SYNON/2E generated object is promoted **to**, *from* the ModelGen library. Above this level, promotion levels represent different levels through a normal test or deployment flow/cycle for a given application group. The SYNON/2E ModelGen library is **NOT** considered a promotion level.

From the MDCMS Setup Menu, select option 2 to bring up Promotion Levels.

Press F6 to add a new Promotion Level

CMC220 SCRN2	COMPANY NAME Add Level		24.06.24 09:49:15
Application S	QLS		
Install Level 1	Θ		
Description S	ynon DDL/SQL Test		
Job Description	QLSJOBD		
Library	QGPL		
Next Level 2	0	Direct Migration	Y Y/N
Archive Generations .	20	Provide Indirect Src .	N Y/N
Based on Level	Exist Only. N Y/N	Resolution Required .	N Y/N
Allow Checkout	Y/N	Allow Receipt	Y Y/N
Delta Object Level M	Y/N	Delta Source Level	N Y/N
Emergency Level M	Y/N	Limit Archived Source.	Y Y/N
		Level Check Warnings .	Y Y/N
Auto Receive M	Y/N	Target OS Release	*DSTQ
Auto Submit M	Y=Yes, N=No, S=After	PL Snd Cls, W=After PL	WF Accp
Auto Approve	Y/N		
Auto Launch MDRapid . \	Y/N		
Auto Install	Y=Yes, N=No, R=No wh	en MDRapid required	
Auto Close Sent RFP . S	N=No, S=Sent, R=Rcvd	l wo Warnings, I=Inst wo	Warnings
Enter=Confirm F4=Brows	e F12=Previous		

Add an Application Group code or press F4 to select from a list of available codes.

Add a suitable numeric **level** value and **description** for this level. A lower level value is used earlier in the migration path than a higher level value.

Add a **Job Description** that will be used during promotion to this level, or press F4 to select from a list of available IBM i job descriptions.

For additional settings on this screen please refer to the MDCMS Manual in the Promotion Levels section.

It is highly recommend to completely configure the lowest level, including all required attributes, and then copy that level to save significant time during the configuration of higher levels.

Press enter to confirm and return to the *Promotion Levels* screen. **Press enter** to return to the *MDCMS Setup Menu*.

Attributes

MDCMS Attributes define target libraries and compile behaviour during the promotion process. Each destination for an Application/Level and Object (or source or message) type is uniquely identified by an Attribute. This attribute is then used for setting command definitions, object authority, etc...

SYNON-2E Note: Attributes for SQL Indexes, Tables and Views generated by Synon/2E require a special compiler used by 2E and special attributes. 2E SQL source cannot be run using RUNSQLSTM. **YEXCSQL** is the 2E command used to compile 2E SQL DB objects from 2E source and the 2E command will need to be in the Level job description library list for each level where such objects should be compiled (rather than simply moved).

SQLCBLLE or SQLRPGLE are used when FUN owner ACP is SQL view/table/table.

From the MDCMS Setup Menu, select option 3 to bring up Attributes.

Press F9 to bring up the Generate Standard Attributes wizard.

MDCCMED	COMPANY NAME	24.06.24	
SCRN1 Ge	nerate Standard Attributes	09.51.50	
Application SQLS			
Level 10			
Object Library MDSQLST	ST Name, *NONE		
Authority Template. *DFT400	Name		
Source Library/Dir. MDSQLST	ST		
	Name, *NONE, *TEMPIFS, *1	TEMPMBR	
Attribute Prefix . *NONE	Prefix, *NONE		
or Suffix . *NONE	Suffix, *NONE		
Check/Select Usage. N	N=No, S=Yes via Sys Catal	log, X=Yes via MDXREF	
Update Existing N	Y/N		
Filter by:			
Object Category	1=Database, 2=Non-Databas	se, 3=Interface	
Object Type			
Sytem Attribute			
Enter=Continue F3=Exit	F4=Browse		

The purpose of this wizard is to build a set of attributes automatically for a specific *Application Group/Promotion Level* combination.

Add an **Application Group** code or press F4 to select from a list of available codes.

Add a **Promotion Level** code or press F4 to select from a list of available codes.

Add an **Object library**. This is the destination library for the promotion of objects from the Model Gen library. This object library will be used for all of the MDCMS Attributes created during this wizard, for this *Application Group/Promotion Level* combination. This can be edited later for specific MDCMS Attributes from attribute maintenance screens.

Add a source library to the **Source Library/Dir**. field. This will be the library MDCMS uses to copy the source from the Model-Gen library during the promotion to this level.

The **Check/Select Usage.** options help refine which MDCMS Attributes are preselected on the next screen of the wizard. This flag checks the library specified in *Object library* above to see which objects in the library that match the pre-supplied MDCMS Attributes. If matches are found, then these MDCMS Attributes are pre-selected in the next screen of the wizard. The search can use the i OS System Catalogue for that library, or the MDXREF repository can be used to search for matches.

The **Update Existing** flag determines whether the wizard will update any pre-existing *MDCMS Attributes* allocated to this *Application Group/Promotion Level* combination

Press Enter to continue with the wizard.

MDCCMED SCRN2		COMPANY NAME Generate Standard Attributes	24.06.24 09:57:37
Appl: SYNON	Lvl: 100 O	bject Lib: MDSQLTST Source Lib: *NONE	
Type options 1=Select	, press Ent W=Work with	er. Objects	
O bject	System		
Opt Type	Attribute	Description	
*DATA	DATA	Data Records in a Table	
*DTAARA	DTAARA	Data Area	
*DTAQ	DTAQ	Data Queue	
*FILE	LF	DDS Logical File	
*FILE	LFSQL	SQL Index/View using System Naming	
*FILE	PF	DDS Physical File	
*FILE	PFREF	DDS Reference File	
*FILE	PFSQL	SQL Table using System Naming	
*SQLALS	SQLALS	SQL Alias	
*SQLIDX	SQLIDX	SQL Index	
*SQLSEQ	SQLSEQ	SQL Data Area	
			More
Enter=Contin	ue F5=Ref	resh F12=Back	

Use 1 to select all of the relevant MDCMS Attributes that will be needed for this *Application Group.

*These will include:

- DATA if configuration data should be migrated to other environments without changing the file format
- the PF and LF attributes, if DDS is used
- DSPF attribute and potentially the PRTF attribute
- The *PGM attributes for the languages used
- All attributes starting with S2E

Press enter to continue with the wizard to the confirmation screen.

SYNON/2E Models

MDCMS requires the 2E Model libraries and their respective GENLIB's to be registered in order to map model components to the appropriate 2E and system attributes.

Select Option 10 to bring up MDCMS Interface Settings.

MDLISET SCRN1		COMPANY NAME MDCMS Interface Settings		24.06.24 09:59:59
	Opt	Description		
	1	Jira		
	2	ServiceNow		
	3	Synon/2E		
	9	MDCMS REST API and Diagramming Server		
S	Selection:			
F3=Exit	F6=Messages	F8=Submitted Jobs F11=View Output	F21=Sys	Command

Select Option 3 to bring up Synon/2E Model Libraries

MDC2EML SCRN1	COMPANY NAME Synon/2E Model Libra	24.06.24 nries 10:03:09
Model Lib:	Desc:	Gen Lib:
Type options, press Ent 2=Edit 3=Copy 4=Dele	er. ete 5=Display A=Attrib	outes J=JOBD
Opt Model Lib Descript	ion	Dft GenLib Job Desc Dft
MDSQLMDL MD Demo	Synon/2E Model	MDSQLGEN SQLJOBD Y
HCSTU1MDL		MDDEMFGEN SQLJOBD
MDDEMFMDL MD Demo	Function model	MDDEMFGEN SQLJOBD
F2-Fyit FE-Defreeb	Fe-Add F21-Suc Common	Bottom
F3=EXIL F5=Retresh	F6=Add F21=Sys Comman	

Filters

Filters allow a user to restrict the view according to the 2E Model-Library, a description, and GEN-Library.

MDCMS Filters: MDCMS filters use a fuzzy match algorithm. The case is not sensitive, and the entry made by the user will be used to match any part of the given field with a "like" match.

Options

The standard Edit, Copy, Delete and Display options

A=Attributes - manage the mapping of Synon/2E object types to MDCMS attributes

J=JOBD – edit the job description defined for the model entry to configure the library list to be used for that model

Press F6 to setup a SYNON/2E model library in the interface

MDC2EML SCRN2	COMPANY NAME Add Synon/2E Model Entry	24.06.24 10:04:36	
Model Library MDSQL	MDLS		
Description Stu's	G Model with SQL only		
Dft Gen Library MDSQL	GENS		
Job Description SQLSJ Library QGP	IOBD PL		
Default Model Y Y			
Enter=Confirm F3=Exit F	4=Browse F21=Sys Command		

Model Library

The library containing the Synon/2E model to be managed

Description

A free text description of the model

Dft Gen Library

The default library that attributes will use as the generation library to migrate objects from. This library can be overridden for specific attributes.

Job Description

The name and library of the job description containing the library list to be used within the Object Manager to list/select Synon/2E components to be migrated.

Default Model

A model can be designated the default model. When a developer doesn't specify the model name in the object manager, the default model will automatically be used.

Press Enter to confirm this addition

SYNON/2E Model Attribute Mapping

The Synon/2E model objects that are to be deployed to target environments must be mapped to MDCMS attributes per model.

To do this, use option A=Attributes for a defined Model Library in the SYNON/2E Models settings (see prior section of this document).

MDC2E0A	COMPANY NAME	24.06.24
SCRN1	Synon/2E Model Attribute Mapping	10:06:52

Mode	1: MDSC)LMDL			
Туре 2=Е0	optior dit 5=	ns, press E =Display	nter.		
Flt:					
Opt 2	2Е Туре	e MD Type	Std Attr	Description	MDCMS Attr
	ACP	*FILE	LF	DDS Logical File	LF
	ACP	*FILE	PF	DDS Physical File	PF
	ACP	*SQLIDX	S2EIDX	SQL Index	S2EIDX
	ACP	*SQLTAB	S2ETAB	SQL Table	S2ETAB
	ACP	*SQLVW	S2EVW	SQL View	S2EVW
	ARR	* DUMMY	S2EARR	Synon/2E Array	S2EARR
	CND	* DUMMY	S2ECND	Synon/2E Field Condition	S2ECND
	FIL	* DUMMY	S2ESTR	Structure File	S2ESTR
	FLD	* DUMMY	S2EFLD	Synon/2E Field	S2EFLD
	FUN	* DUMMY	S2EIFUN	Synon/2E Internal Function	S2EIFUN
	FUN	*FILE	DSPF	Function Display File	DSPF
	FUN	*FILE	PRTF	Function Printer File	PRTF
					More
F3=E:	xit F	5=Refresh	F21=Sys	Command	

Filters

Filters allow a user to restrict the view according to the various column values

Options

2=Edit – change the mapping attribute or generation libraries5=Display – view the entry details

MDCMS Attribute

The attribute to map an object request to when a model object of the corresponding Synon/2E Type/MDCMS Object Type and Standard Attribute is selected.

Use F4 to browse/manage the list of attributes

Object Gen Library

*DFT – the object is generated into the default gen library for the model. Otherwise, the name of the generation library. Use F4 to browse the list of libraries.

Source Gen Library

*DFT – the source member is generated into the default gen library for the model Otherwise, the name of the generation library. Use F4 to browse the list of libraries

Object Manager

Overview

The MDCMS menu option 2 is a multi-function display that controls the processes required for making and installing modifications of objects.

The Object Manager is used for:

- Source/Object request and retrieval.
- Reserving Object names for new objects.
- Grouping objects for installs.
- Identifying modification requests
- · Requesting the installation of objects into application environments
- Selecting SYNON/2E Objects from a given 2E Model-Library model for modification

For additional settings on the MDCMS Object Manager please refer to the *MDCMS Manual* – in the *Object Manager* section

Adding SYNON/2E Object Requests (Checking out objects from SYNON/2E)

CMC100 Filters/Defau Programmer: S ⁻ Appl Group: S ⁻ Project: S ⁻ Task/STsk.:	Lts TUART TU YNON	Ci Ob RFP Ni Promo Statu:	OMPANY NAME ject Manager umber : Lvl .: 100 s:	Cmd/Scrip Attribute Object Assign RF	et: /	24.06.24 10:12:48 Y/N *gen* *gen*	
Opt Object	Attribute	Appl Lvl 	Project	RFP Sts	CS From	n Lib	
F2=Full Name F8=Submitted Jo	F4=Brou bbs F9=RFP	wse Manager	F5=Refresh F10=Assign RFP	F6=Messa F11=Outp	iges Fi out F2	More 7=Submit RFP 24=More Keys	

To streamline a new object request, first add the Programmer, Application Group, Project, Task/Subtask and RFP (RFP will need to be created first) in the appropriate header fields. These fields can all be prompted using an F4.

To add SYNON/2E objects to an object request in MDCMS, use Option Y against a blank line. In the object column add the SYNON/2E Model-Library or leave it blank to use the default SYNON/2E Model-Library defined in the MDCMS setup process. Press Enter.

MDR2E0B STUART	COMPANY NAME Synon/2E Objects Maintenance	13/07/20 08:35:45
Synon Model: MDSQLMDLS RFP Number :	Gen Library: MDSQLGENS Project : SYNON-1 Pos To Name:	Appl/Level: STU 10
Type options, press Ent	er	

-10.						
0pt	Long Name	ІтрТур	Attr	Fun Type	O bject	
		CND	VAL			
	* *No	CND	VAL			
	**Yes	CND	VAL			
	*'ADD' mode	CND	VAL			
	*Absolute day	FLD	NBR		DAB	
	*ABSOLUTE DAY	CND	VAL			
	*Accelerator key error	MSG	ERR	SNDERRMSG	Y2U0029	
	*Access path file/format	FLD	VNM		ACP	
	*Action Bar API error	MSG	ERR	SNDERRMSG	Y2U0027	
	*ACTION BAR CHOICE AREA	FLD	NAR		ABC	

The SYNON/2E Objects Maintenance screen gives a list of 2E Model objects available to be checked out with an MDCMS object request for the Model-Library specified in the screen field "Synon Model".

Pos To Name

Enter any value for an object name you wish to position the list to. The filter entry box is not case sensitive, converts all entries into Upper case, but searches and positions to an object with the same name of any case

Synon Model: MDSQLMDLS RFP Number :	Gen Pro <u>j</u> Pos	Library ject To Name	y: MD : SY e: RA	SQLGENS NON-1 CE <u>.</u>	Appl/Level
Type options, press Enter 1=Select 8=Details					
Flt:					
Opt Long Name		ІтрТур	Attr	Fun Type	O bject
Race		FIL	CPT		AD
Race	EX	MSG	ERR	SNDERRMSG	USR0071
Race	NF	MSG	ERR	SNDERRMSG	USR0070
RAce by Name		ACP	RTV		UUADCPL2
Race date		FLD	DT#		ABDZ
Race Entry		FIL	CPT		AE

Filters

Filter the list using the SYNON/2E objects name, ImpTyp (SYNON/2E Object Type), Attr (SYNON/2E Attribute), Fun Type (SYNON/2E Function Type), Object (SYNON/2E Implementation Name).

F8-Toggle

This switches the "Object" column to "Object Owner(SYNON/2E Object owner in the YMDLOBJRFP Model file))" and allows filtering on this value.

Option 1

Select multiple objects to be added to the MDCMS Object Request. Press enter to add an object or multiple objects to the list of objects that will be validated later using the F10 command key.

MDCMS automatically adds related objects to special object types. For example, if selecting an external function "Edit Horse EDTFIL" it will add the UIM and DSPF objects to the objects selected to the MDCMS Object Request.

Option 8

Option 8 displays the details of any object in the list. The *Display model objects* display that appears is slightly different depending on which object type is selected.

Type FUN:

STUART MDR2E0BS	COM Displ	IPANY NAME Lay model objects	13/07/20 09:45:41
Object : Type : Copy name : Create date : Create time : Change date : Change time : Comp chg date :	UUAFSRR FUN Select Course 16/06/2020 10:54:17 11/07/2020 12:13:44 11/07/2020	Long Name : Attribute : Version type : Current object . : Change type : Change user : Comp chg time :	Select Course RP4 Surrogate : 1100072 DEV Y MMORGAN 12:13:44
Object Attr UUAFSRR RP4 UUAFSRRD DSP UUAFSRRH PNL	Text Select Course Select Course Select Course	Select Select	record record

F3=Exit

Type FIL:

STUART MDR2EOBS Dis	COMPANY NAME Dlay model objects	13/07/20 09:52:08
Object : AP Type : FIL Copy name : MDL table with Create date : 09/07/2020 Create time : 17:26:24 Change date : 09/07/2020 Change time : 17:26:24 Comp chg date : 09/07/2020	Long Name : Attribute : th long name Version type : Current object . : Change type : Change user : Comp chg time :	MDL table with long name REF Surrogate : 1163 DEV Y DVERMA 17:26:24
Typ Access path PHY Physical file RTV Retrieval index UPD Update index	Source mbr Key UUAPREP None UUAPREL1 Retrie UUAPREL0 Update	eval index e index

<u>F10</u>

After selecting the required objects and pressing Enter, press F10 to validate the objects selected.

MDR2E0B2 STUART	COMPANY NAME Display model objects		13/07/20 10:01:31
Synon Model: MDSQLMDLS RFP Number :	Gen Library: MDSQLGENS Project : SYNON-1	Appl/Level:	STU 10
Errors : 3 Type options, press enter 4=Remove	Warnings . :	Valid Req :	2
Opt Sev 2E Object Name/Me	ssage Sys Object Type	Std Attr/Own	MD Attr
_ 30 Physical file	COURSE *SQLTAI	3 S2ETAB	S2ETAB
MDCMS Attribute no	ot defined for 2E element	Course	
_ 30 Retrieval index	UUACREL1 *SQLID	K S2EIDX	S2EIDX
MDCMS Attribute no	ot defined for 2E element	Course	
_ 30 Update index	UUACREL0 *SQLID	K S2EIDX	S2EIDX
MDCMS Attribute no	ot defined for 2E element	Course	
_ 10 Change Course	*DUMMY	S2EIFUN	S2EIFUN
Validation OK			
_ 10 Course	*DUMMY	S2ESTR	S2ESTR
Validation OK			Bottom
Enter=Confirm F3=Exit	F8=Hide Msg F21=Sys Com	nand	

In the validation screen a list of objects and the results of the validation process for each is displayed.

Errors (Severity 30)

Total number of errors found while validating the list.

Warnings (Severity 20)

Total number of warning messages while validating the list.

Valid Req (Severity 10)

Total number of Valid Requests from the objects selected by the user in the previous screen

Option 4 - Remove

Use this option to remove any objects from the validated list. Select 4 against object/s and press enter to remove from the list.

Severity

10=Validated and OK to be requested20=Validated with a warning and can be requested30=Failed validation and cannot be added to the request

2E Object Name/Message

The validated object name on the first line and the validation message for that object on the second line.

Sys Object Type This shows the IBM i OS object name and then the MDCSM Object Type, both on the first line

Std Attr/Own

This shows the standard MDCMS Attribute on the first line, and the SYNON/2E Object owner on the second line.

MD Attr

This shows the MDCMS Attribute used for this object in this application Code/Level combination that will be used to promote/install the object

F8

This toggles hiding or displaying the second line in the subfile display of validated objects.

Opt Sev	2E Object Name	O bject	Туре	Std Attr	MD Attr
30	Physical file	COURSE	*SQLTAB	S2ETAB	S2ETAB
30	Retrieval index	UUACREL1	*SQLIDX	S2EIDX	S2EIDX
30	Update index	UUACREL0	*SQLIDX	S2EIDX	S2EIDX
10	Change Course		* DUMMY	S2EIFUN	S2EIFUN
10	Course		* DUMMY	S2ESTR	S2ESTR

Any records in error must be removed to continue

<u>Enter</u>

Press enter to add the validated object (and related objects such as UIM and DSPF's) to the object request. MDCMS also adds these objects to the programmers MDLST in the SYNON/2E Model-Library used for the object request. All the records are processed and the user is returned to the Object Manager screen with the new objects added to the display.

CMC100 Filters/Defaults Programmer: STUART Appl Group: STU	COMPANY NAME Object Manager RFP Number :	13/07/20 10:26:49 Cmd/Script: / Y/N Attribute : *gen*
Project: SYNON Task/STsk.: 1	Promo Lvl .: 10 Status:	Object: *gen* Assign RFP:
Opt Object Attribute _ Change C > S2EIFUN _ Course S2ESTR 	Appl Lvl Project STU 10 SYNON-1 STU 10 SYNON-1	RFP Sts C/S From Lib 00 MDSQLGENS 00 MDSQLGENS
F2=Full Name F4=Brc F8=Submitted Jobs F9=RFF		More F6=Messages F7=Submit RFP F11=Output F24=More Keys

Anywhere in MDCMS when seeing a > at the right end any column or display field, move the cursor over this filed and press F2. This will display the Name Display screen which will show long name in full.

MDCFNAM SCRN1	COMPANY NAME Name Display	13/07/20 10:33:32
Object Name Change Course		
F12=Previous		

SYNON/2E Specific Functions from MDCMS Object Manager

Option Y

When selecting option "Y" against any object checked out from a SYNON/2E Model, the user will be taken into the model object list for the user that requested the object for deployment. If the request user is the same as the user signed into MDCMS, the model object list will be in edit mode. Otherwise, the model object list will be in read-only mode.

Edit Model Object List STUART in SYNON/2E:

		E	dit Model O	bjec	t List
Mode] List	L . : MDSQI STUAF	LMDLS RT Lis	st STUART in	MDS ⁻	TUMDL created by user STUART.
Туре ор	otions, press	s Enter.			
1=Seled	ct 2=Ed:	it	З=Сору		4=Delete entry
5=Disp]	Lay 8=Det	tails	9=Deselect		10=Action diagram
11=Add	to alternate	e list	13=Paramete	rs	14=GEN batch
Ont	Object		Turpo	A t i s	
υρι	object		туре	ALT	owner
	Change Cour	rse	FUN	DBF	Course

Display Model Object List MMORGAN in SYNON/2E:

Display Model List						
Model . : MDSTUMDL List MMORGAN	List MMORGAN in MDSTUMDL created by user MMORGAN.					
Type options, press Enter. 5=Display 8=Details						
Opt Object	Type Atr Owner					
** No entries **						

Option 5

Option 5 selected against an object whose origin is SYNON/2E displays the *Object Request Detail* screen. In addition to standard MDCMS details, it shows the original SYNON/2E Model and GEN Libraries.

CMC110MD T 8.2 deSCRN1Object Red	ev (Redbourn) quest Detail	13/07/20 10:53:56
Application/Level STU 10 Object Name UUAGEFR MDCMS Attribute RPGLESTU Programmer MMORGAN Request Date 11/07/20 12:47	Synon DDS/RLA Test Edit Course Edit Type *PGM Michael Morgan Req Sts 00 Object Requested	file
Object Library MDSTUTST Source Library MDSTUTST From Object Library . MDSTUGEN Synon/2E Model MDSTUMDL	Crt Sts E Error Res Sts File QRPGLESRC Member UUAG From Source Library MDSTUGEN 2E Obj Edit Course / Course	EFR

Option 8

Option 8 selected against an object whose origin is SYNON/2E compiles the object in the SYNON/2E GEN-Library based on the compile commands defined for the object's attribute.

Handling SQL Views with Embedded CREATE INDEX Statement

When SYNON creates an SQL view, by default it embeds an SQL index in the same generated source member.

The developer must split these into two separate source members, and check out the manually created index source member separately for subsequent promotion.