AUTHENTIC introduces





How to ?	Create an "Information viewer" in a HomePage based on a custom list Example : Create an Information viewer to show graphic of open picking lists
Prerequisite	M3 DB basic knowledge , IES
Result	Have a graphical view of M3 information, directly on the home page As an example here, view of open picking lists by route

Steps

#1 Create information category

CMS010: create information browser category based on the required table – Here MHDISH – for CMS100

infor Infor M3	
Menu Start	CMS010 Information Browser Category. Open
	RELATED * TOOLS * 1 因 云 《 品 台 问 《 肖]
Panel Header	
Information cat	M & MHDISH
Detailed Information	
Detailed mormation	
Description	MLA - MHDISH
Name	MLA - MHDISH
Master table	MHDISH Deliveries
Arch library	
Used by program	CMS100-Information browser
Single div used	
Prevent listing	
Status	20-Active
Field group	80939
Browse program	MWS410

#2 Add related tables (optional)

CMS011: related tables

Attach additional tables, like OCUSMA to get customer name for example – and specify mapping if needed with appropriate logical file

infor	Infor M3									
🗮 Menu	Start									CMS011 Related Tables. Connect
ACTIONS		IS - RELATEI	D ▼ T	00L\$ -	⊕ ≣	/ B 1	5 (0) 6	₿ ((2	2	
Information	ı cat	MLA_MHD	ISH	ML	A - MHDISH					Sorting ord
								Quick E	Intry	
									Create New	
Table	Pfx	Description	Sts	Con	Key fld 1	Key fld 2	Key fld 3	Key fid 4	Key fid 5	
OCUSMA	ок	Client	20	1	OQCONO	OQCONA				

#3 Add virtual fields (optional)

CMS012: add virtual fields if required – for example customer group description

infor	Infor M3								
🔳 Menu									CMS012 Virtual Fields. Connect
ACTIONS		NS - F	RELATED - TOOLS -			n c n			
							· ·		
Panel	Header								
Informa	tion cat		MLA_MHDISH	MLA - MHDISH					_
Virtual f	ield		&CUCL		Status			20-Active	•
Detail	ed Inform	ation							
Descrip	tion		Customer group desco	iption				Language	
Name			Customer group		Message IE	,			
Field ty	ре		3-Description from CS	(TAB 👻					
Field ty	pe		A-Alphanumeric	*					
Field le	ngth		40						
Key tie	eids								
Key fiel	d			Read option		Object	1	Value	
1	CTCONO	Company		1-Equal to	*	OQCONO			Company
2	CTDIVI	Division		2-Blank value	*		• 1		Division
3	CTSTCO	Constant	value	1-Equal to	*			CUCL	Constant value
4	CTSTKY	Key value	•	1-Equal to	-	OQCUCL) /		Customer group
5	CTLNCD	Language	•	2-Blank value	*		1		Language

#4 Create custom view/sorting order (optional)

Create the required sorting order and view (if not already available in standard) for that information category

infor Infor M3										
Menu Star									CMS010 Information Browser Category. Open	
ACTIONS - OPT	ions - Re	LATED - TOOLS -	⊞ ≣	ø හ 🖻 🛙	D) C 🗉	03	Ð			
										Sorting
Information cat	Description		Master table	Used prog	Arch lib	Sts	Fidgr			
MLA_ARTICLES	Vue articles 90	1 (Stock + PL)	MITMAS	CMS990		20	&0934			
MLA_MHDISH	MLA - MHDIS	μ.	MUDIOU	CMS100		20	&0939			
MLA_MPHEAD	Vue OA - MLA	Related	+	Activate				CTRL+7		
ML_ARTICLES	Vue articles et	Select	CTRL+1	Deactivate				CTRL+R		
ML_MITVEN	Fichier article-	Change	CTRL+2	Delated tables				CTRL+11		
OAGRLNLST	List agreemen	Сору	CTRL+3	Virtual fields				CTRL+11		
RI_MITALT	Related items	Delete	CTRL+4	Virtual lielus				OTRL+12		
STD-ARC-ACUINV	Standard pour	Display	CTRL+5	Related options				CTRL+13		
STD-ARC-ACUIVH	Standard pour	Conv to Clinboard	-	Field group				CIRL+21		
STD-ARC-ACUIVL	Standard pour	Add Taut to Ouislands		View				CTRI+22		
STD-ARC-ACUIVR	Standard pour	Add Text to Quickhole		Sorting order				CTRE+23		
STD-ARC-ACUORA	Standard pour	Restore Columns		Simulate list				CTRL+24		
STD-ARC-ACUORC	Standard pour	archive - Table ACUORC	ACUORC	Export Configura	tion			CTRL+26		
STD-ARC-ACUORD	Standard pour	archive - Table ACUORD	ACUORD	CMS100	MVXARCH	20	&0579			
STD-ARC-ACUORH	Standard pour	archive - Table ACUORH	ACUORH	CMS100	MVXARCH	20	&0572			

Here we'll use a sorting order by warehouse/route:

Information cat	MLA_MHDISH	MLA - MHDISH	
Sorting order	42		
Details			
Description	By customer group		
Name	By customer gro		
Sorting Control			
Table	MHDISH-Deliveries	_	*
Sorting option	V6 → V6		Inter Hits Mill
			Actions - Related - Tools - E 🗟 🖌 🕥 🗃 🏟 C 🗉 (82)
Filter Control			
No. filters	0-No filter	¥	Table MPCISH • Deliveries
			an bankapada an ing tang tang tang tang tang tang tang ta
Max no. records			Vis Vis Div During 0 Option 0 </td
			Visit Deliveries Not Ready for Release 20 OGRORC OODSUL OODLUX Visit 31 0 OVINLO OODLUX OODLUX
			X1 PioLetts To Release 20 OGRORIC ODVINLO CODDUT CODUX
Aggregation Control			
Aggregation Control			
Aggregation	0-No aggregation	•	Subtotal 1 • • •
			Subtotal 2 0-No subtotal
			Subtotal 3 0-No subtotal

<u>Note</u>: if customer view is used – based on sorting order Ux,Vx, etc.. then the IES search won't work in the information viewer.

Create or select a view with the required information:

infor in	for M3												
🗮 Menu	Start									CRS	016 View. S	elect Columns	
ACTIONS -	OPTIONS -	RELATED - T	ools -	🕀 🔜 🌶		C 🛙	((>						
Information of	at	MLA MHDISH	MLA -	MHDISH									
View				Responsible									
Description		View by whse/route											
Name		View by whse/ro		Sorting order	0	I-All		•					
Apply	Default fie	elds	Clear										
For	Field	Nama	Tee	Loath	Dea Fed	DIC	Edt	Ang dep	ETD	DCm	Dep	Ddb	
Seq	Field	Name	ips	Lingun	Dec Eca	DIC.	Eat	Agg asp	SIR	UFM	DCP	Dab	
10	OQWHLO	Warehouse	3				0	0				0	
20	OQROUTE	Route	10				0	0				0	
30	OQCUCL	Customer group	14				0	0				0	
40	&CUCL	Customer group	55				0	0				0	
50	OQDSDT	Departure date	63				0	0				0	
60	OQCONA	Consignee	74				0	0				0	
70	OKCUNM	Name	111				0	0				0	
80	OQPGRS	Delivery status	114				0	0				0	
90	OQPIST	Packing status	117				0	0				0	
100	OQFWNO	Forward agent	128				0	0				0	
110	OQGRWE	Est weight	140				0	0				0	
120			0					0				0	
130			0					0				0	
140			0					0				0	
150			0					0				0	
160			0					0				0	
170			0					0				0	

info	• 🎟	Infor M										
≡	Menu											CRS022 Sorting Order. Open
A	CTIONS	; - 0	PTIONS	→ R	ELATED 🗕	tools -	(₽₹	/ 🕅 🛱	0 C E	i (19	
Inf	ormatio	n cat		MLA	_MHDISH	M	LA - MH	IDISH				
	Apply											
	Sor 42	Descrip	tion			Table	Srt	Ftr	View		Panel seq	
	42	By custo	mer group	p		MHDISH	V6	0	STD42-00			

#5 Simulate view to validate the view created and filters required

Option 24:

■ Menu Star	t	⊞ इ. /	< 6) ₪	e) د ا	5 CC4	Ð		CMS010 Information Brow	wser Category. Open	
										Sorting order:
Information cat	Description	Master table	Used prog	Arch lib	Sts	Fldgr				
MLA_ARTICLES MLA_MHDISH MLA_MPHEAD ML_ARTICLES ML_MITVEN OAGRLNLST RL_MITALT STD-ARC-ACUINV STD-ARC-ACUIVH STD-ARC-ACUIV	Vue articles 901 (Stock + PL) MLA - MHDISH Vue QA - MLA Vue articles et liens fournisseurs Fichier article-fournisseurs List agreennets Related items in-context app Standard pour archive - Table ACUINV Standard pour archive - Table ACUINV Standard pour archive - Table ACUINV	MITMAS MHDISH MPHEAD MITMAS MITVEN OAGRLN MITALT ACUIVH ACUIVH	CMS990 CMS100 CMS100 CMS100 CMS100 CMS100 CMS100 CMS100 CMS100 CMS100	MVXAR(MVXAR(20 Related Select Change Copy Delete Display Copy to C	&0934 20030	CTRL+1 CTRL+2 CTRL+3 CTRL+4 CTRL+5	Activate Deactivate Related tables Virtual fields Related options Field group View	CTRL+7 CTRL-8 CTRL-11 CTRL-12 CTRL-12 CTRL-13 CTRL-21 CTRL-22	
STD-ARC-ACUIVR STD-ARC-ACUORA STD-ARC-ACUORC STD-ARC-ACUORD	Standard pour archive - Table ACUIVE Standard pour archive - Table ACUIVR Standard pour archive - Table ACUORA Standard pour archive - Table ACUORC Standard pour archive - Table ACUORD	ACUIVE ACUIVR ACUORA ACUORC ACUORD	CMS100 CMS100 CMS100 CMS100 CMS100	MVXARC MVXARC MVXARC MVXARC	Add Text t Restore C H 20 H 20	&0580 &0579	-	Sorting order Simulate list Export Configuration	CTRL+23 CTRL+24 CTRL+26	

Filters = one value only Selection fields = range

infor	Infor M3										
≡ Men	u Star									Custom list designer	
ACTION	IS - OPT	'IONS -	RELATED - TOOLS -	9 🔜 🌶 (6) 6 (0)	c = (F)					
										~ Fi	Iter Options
										Sorting order: 42-By customer group View: STD42-00-View by whself	oute 💌
Informat	ion cat		MLA_MHDISH MLA - MHD	ISH							
Design	Ontions										
									_		
No. tilter	S		2-Direction, Wareho V Aggre	gation	0-No a	iggregation 👻	Related	tables			
Selectio	n field		OQPGRS >		<u> </u>		Virtual	fields			
Subtotal			0-No subtotal V 0-No s	ubtotal	 O-No s 	ubtotal 🔹	Column	heading			
							Related	options			
Previe	w										
Delivery	status		50-Picking 💌	- 50-Pick	ing	•					
Direction	1		Warehouse								
1-Outb	ound dely	Ŧ	901 ->								
Appl	7										
Whs	Route	Car	Customer group	Dep dt C	onsignee	Name	DIS	PaS	Ewd agent	Est weight	
											ø
901	FRCENT	Y01	Local customers	060519 M	L001	VOLTAIRE ET COMPAGNIE	50	10	FR100	18.750	
901	FREXPR	Y01	Local customers	180619 M	L001	VOLTAIRE ET COMPAGNIE	50	00	ML100000	20.000	
901	FREXPR	Y01	Local customers	180619 M	L001	VOLTAIRE ET COMPAGNIE	50	00	ML100000	10.000	
901	FREXPR	Y01	Local customers	180619 M	L001	VOLTAIRE ET COMPAGNIE	50	10	ML100000	13.750	
901	FRINT	Y01	Local customers	270519 M	L0016	John Steed	50	00	ML100001	1.250	

#6 Generate custom API

CMS015: create Transaction starting with Lst

And attached to the information category previously created

infor Infor M3		
≡ Menu Start		CMS015 Custom List MI. Open
ACTIONS - OPTIONS -	Related - TOOLS - ↔ = /	
Panel Header		
Transaction ID	LstOpenPick	
Detailed Information		
Description	List open pick lists	
Name		
Information cat	MLA_MHDISH	
Status	10-Not active	
Sorting Control		

There are 2 options for the selection fields: - Use standard filters as provided here

infor Infor M3					
■ Menu Start					CMS015 Custom List MI. Open
ACTIONS - OPTIONS -	RELATED - TOOLS -	1 🗄 🛼 🖊	0000		
Transaction ID	LstOpenPick				
Detailed Information					
Description	List open pick lists				
Name	List open pick				
Information cat	MLA_MHDISH	MLA - MHDISH			
Status	10-Not active	-	Obj access grp		
Sorting Control					
Table	MHDISH				
Sorting order	42-By customer group	-	View	STD42-00-View by whse/route	
			_		
Filter Control					
No. filters	1-Warehouse	•	Search		
Selection fld 1	OQINOU >		Incl bkmrk flds		
Selection fld 2	OQCUCL >				
Selection fld 3	OQROUT >				
Aggregation Control					
Subtotal 1	0-No subtotal	-	Aggregation	0-No aggregation	
Subtotal 2	0-No subtotal	-	Max no. records		
Subtotal 3	0-No subtotal	•			
Aggregation Control Subtotal 1 Subtotal 2 Subtotal 3	0-No subtotal 0-No subtotal 0-No subtotal	* *	Aggregation Max no. records	0-No aggregation •	

- Or use IES (only for standard views – not user-defined)

王 Menu Start CMS015 Custom List ML Open	
ACTIONS + OPTIONS + RELATED - TOOLS + 田 三 水 向 音 回 た 自	
Panel Header	
Transaction ID LstOpenPick	
Detailed Information	
Description List open pick lists	
Name List open pick	
Information cat MLA_MHDISH MLA - MHDISH	
Status 10-Not active Voji access grp Voji	
Sorting Control	
Table MHDISH	
Sorting order 42-By customer group View STD42-00-View by whselroute	
Filter Control	
No.filters 0-No filter - Search	
Selection fld 1 Incl bkmrk flds	
Selection fid 2	
Selection fild 3	
Aggregation Control	
Subtotal 1 0-No subtotal Aggregation Aggregation	
Subtotal 2 0-No subtotal Max no. records	
E Drowse	

In both cases the actual filer/selection will be entered in the information viewer.

#6 Generate customer API

Option 20 to update MI repository:

infor Infor M3																		
≣ Menu St	art									CMS	015 Custor	n List MI. O	pen					
ACTIONS - OF	PTIONS - RELATED - TO	00LS -	⊞ इ	 Ø @ @ () 		(1)												
																	in Filt	er Option
														Sorting	order:	1-Name		•
Apply																		
Transaction ID	Description	Sts	Table Infe	ormation cat Sea	Ftr	View	Sor	A	Agg									
LstOpenPick																		
LstOpenPick	List open pick lists	10	MHDISH ML	MHDISH 0	1	STD42-00	42		0									
LstPrepa	List prépa	20	Related									-						
LstRelateItemCS	Liste Related Items in-context	20	Select	CTRL+1	Simula					OTRUSA								
LstStatArt1	Stat article par groupe	10	Change	CTRL+2	Opdat	e Mi repositor	' H			CTRL+20								
LstStatsArt1	Stats articles	20	Сору	CTRL+3	Delete	e Mi repository				CIRL+21								
LstStatsArt2	Stats articles détail	20	Delete	CTRL+4	Displa	y MI repositor	у			CTRL+22								
			Display	CTRL+5														
			Copy to Cliph	oard														
			Add Taut to O	uiskaste														
			Add Text to Q	uicknole														
			Restore Colui	mns														

#7 Flush API cache

From ION grid

⇔ Tools

M3 API WS

← → C 🏠 🌢 https://m3app-2013.gdeinfor2.com:16402/grid/ui/#grid.serverview.GlobalToolsPages\$ToolsPage/M.



⇒ Test

Infor ION Grid Management Pages :: Information Main Access Info API Repository Statistics Pool Test Mode Data Conversion Properties Never replace blank with question mark <no overrides present> Always replace blank with question mark <no overrides present>

⇒ Settings: enter company/division

← → C 🏠 https://m3app-2013.gdeinfor2.com:16402/grid/ui/#com.lawson.miws.module.AdminUI\$TestPage/M3BE_15.1_M3M%2Csub%3DM3-API-





⇒ Back to API repository – Flush cache

$\leftarrow \ \rightarrow$	С 🛆 🔒 https://m3app-2013.gd	deinfor2.com:16402/grid/ui/#com.lawson.miws.module.APIRepositoryPage
Infor ION G :: API Reposito	rid Management Pages ory Meta Data	
	× 4	
M3 MI Access	Info API Repository Statistics Pool Test	
API Repo		
This information	in is cached. Elush the cache to refresh Elush Cache	
	in is caciled. I have all cacile to rememi. [Thair cacile]	n
M3 API Repos	Interv	
AAS350MI	Ani : General Ledger Information	
AAS390MI	Template item interface	
AAS640MI	Api : Electronic chart of account	
ABS100MI	Bank statement interface	
AEMAPIMI	AEM telematics standard for equipment data	
AHS100MI	Api: Ad-hoc report group	
AHS110MI	Api: Ad-hoc report	-
AHS200MI	Api: Ad-hoc Report version by user	
APBR30MI	COUNTRY:Supplier payment interface	
APCH01MI	Payment information interface	
APS050MI	Supplier invoice interface	
APS051MI	Batch invoice control interface	
APS106MI	Pre Payments lines	
APS130MI	Supplier payment interface	
APS190MI	Supplier payments, report bank confirmation interface	
APS200MI	Supplier invoice interface	
APS250MI	Accounts Payable. Rtv add info	
APS251MI	Accounts payable information interface	
APS430MI	Supplier tax interface	
APS440MI	Supplier Statement	
APS450MI	Supplier invoice batch interface	_
APS455MI	Supplier invoice batch - submitted	
APX800MI	CUSTOMER:Supplier payment proposal	_
ARBR01MI	COUNTRY:Bank remittance proposal interface	-
ARBR75MI	COUNTRY:Bank remittance	_
ARS040MI	Customer payment interface	-
ARS120MI	Api: Manual invoices	

#8 Add M3 information viewer widget

Q X Close Widget Catalog All widgets A Home ☆ Save Filter ↓ 🖛 Title A-Z 🔻 Categories Application Business Intelligence M3 Environment M3 Information Monitor Business Process Statistics & Usage View customers, suppliers, items, and other M3 information you use frequently. Display information about the current M3 A widget that lets you create monitors for M3 Social ment and use ion you use frequently. Utilities New & Updated My Recent Refine by Application Hes Docs :≡ Menu 🔢 M3 Menu -View and open active documents within Infor Document Management. Adding additional searches allows multiple document types to be Customize the Menu Widget using links and fun Locate and launch M3 programs, forms, tools Owne jobs and reports. icons to guickly navigate to your favorite pages. viewed Tags Туре Sal Messages and Events Il Messages by connection Sil Messages by document Real-time counters of all inbound and outbound messages sent to and from ION, and number of erview of all inbound and outbound messages Overview of all inbound and outbound messages for a specific document type. This widget replaces for a specific connection point, including statistics on errors and queue size. This widget replaces the ION by document widget. open workflows, tasks and alerts. This widget replaces the ION Insight widget. the ION by connection widget

Edit HomePage, add widget "Information Viewer" :

#9 Configure widget



Add :

_

- Title
- Refresh frequency
- Programme : CMS100MI (custom API)
- And transaction Lst created previously
- The input fields to set the correct filters
 - o Either the flelds set as filters/selection fields in CMS015
 - o Or an IES query
- The output fields to decide the information displayed for end user
- The format of the display of the information

Configure Widget		
Title		
Open pick lists by rout	е	8
Automatic refresh rate		
Do not refresh		•
Program		
CMS100MI		Q≣
Transaction		
LstOpenPick		Q≣
Input		
SQRY=INOU:1 WHLO	:901 PGRS:50;	Q≣
Output		
OQWHLO;OQDLIX;O	CUNM;V_CUC	Q≣
Display content as Graph	Configure	
Cancel	Save	

Different formats are possible:

- List
- Card
- Graphic

For graph you need to configure the type required

Graph view settings
Chart type
Pie 🔻
Label column
Tourn
Value column(s)
N° livraison 🔻
Group by type Count Coun
Configure Drilldown Clear
Cancel OK

And that's it!



Need help or more information ? Reach us now 🔀 contact@authentic-grp.com