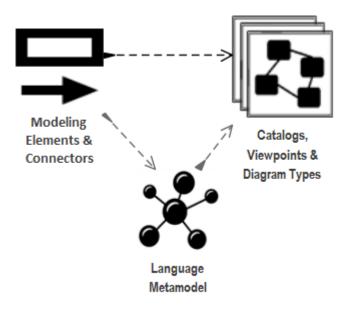


Unified Framework for Driving Transformations

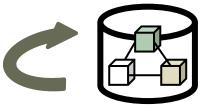
Customization Workbench User Guide

Labnaf Customization Steps

 Customize the language following your organization requirements

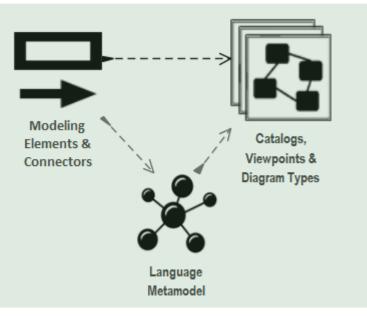


2. Adapt existing repository content



Labnaf Customization Workbench

1. Customize the language following your organization requirements



2. Adapt existing repository content



Sparx EA Modeling Languages What's in the box

What

Many model repository options

- Local Microsoft Access database
- Shared database: SQL Server, MySQL, Oracle...
- Possible version control: Subversion, CVS, TFS...

Many languages & Toolboxes

- (Too) Many languages
- No integration of standards
- Scope / domain-specific
- Switch between many complex toolboxes

Sparx SDK

- Tailoring the tool for an organization
 - Language

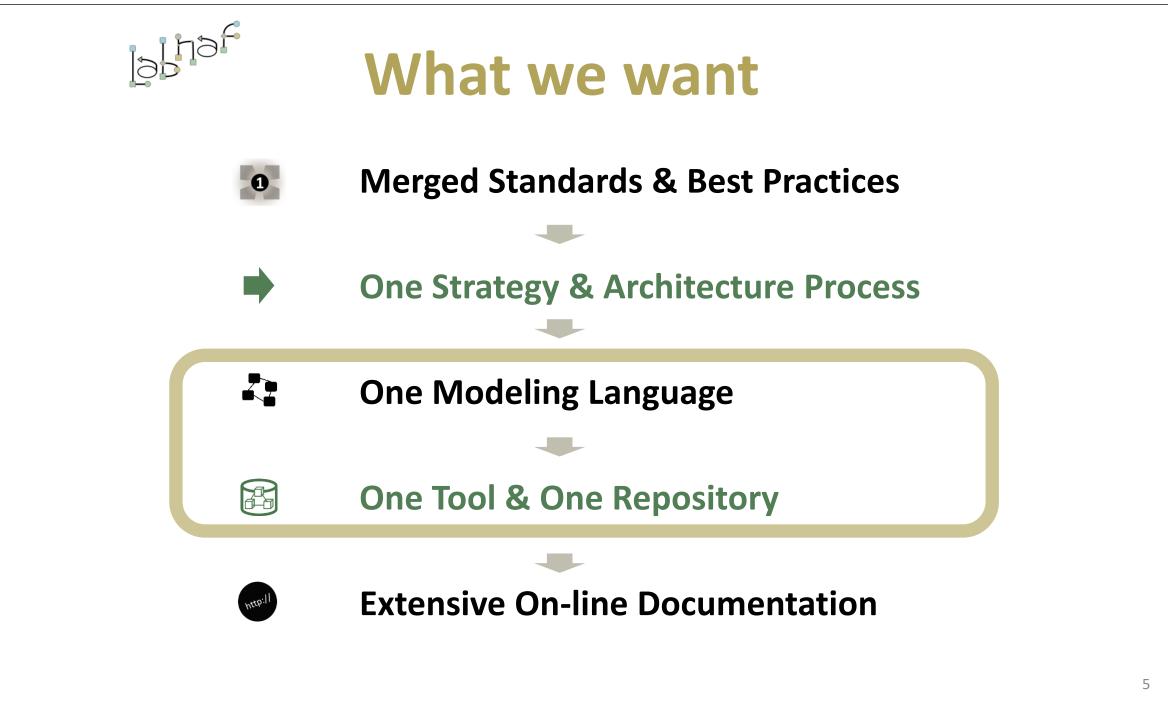
IDE

- document generation
- web publication

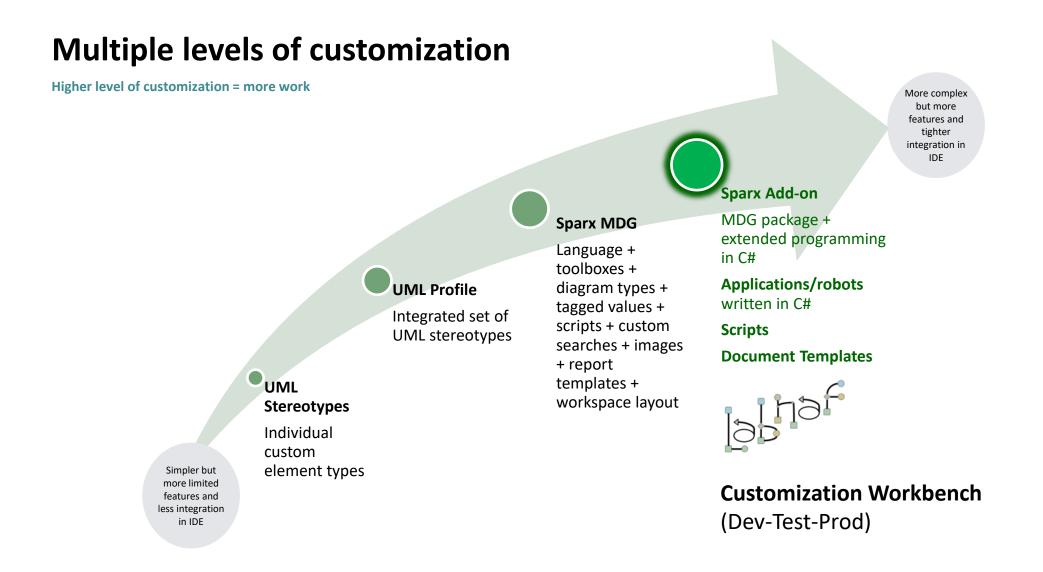
o ...

	Built-In IVIL	igs and related	riooiboxes
	Use Case	XML Schema	GoF Patterns
	Class	Documentation	ICONIX
	Object	Test Domain	LieberLieber AUTOSAR Engineer
	Composite	Dashboard	MindMapping
	Communication	XMLTransform	NIEM
	Interaction	ArcGIS	ODM
	Timing		Project Management
	se don	Arch Mate2	Taxonomy
Y	Activity	BPMN 1.1	SOMF 2.1
	Component		SPEM
	Deployment	BPMN 2.0	User Interface - Simple
	Profile	BPMN 1.0	SoaML
	Metamodel	UML Standard Profile	Strategic Modeling
		Business Rule Model	UMM 2.0 Profile
	Analysis	CodeEngineering	UPCC 2.0
	Business Modeling	Data Flow Diagrams	UPCC 3.0
	Custom	Data Modeling	UBL Model Management
	Requirements	Entity Relationship Diagram	WebModeling
	Maintenance	Eriksson-Penker Extensions	Whiteboard
	User Interface	GML	User Interface - Win32
	WSDL	GRA-UML	Wireframing

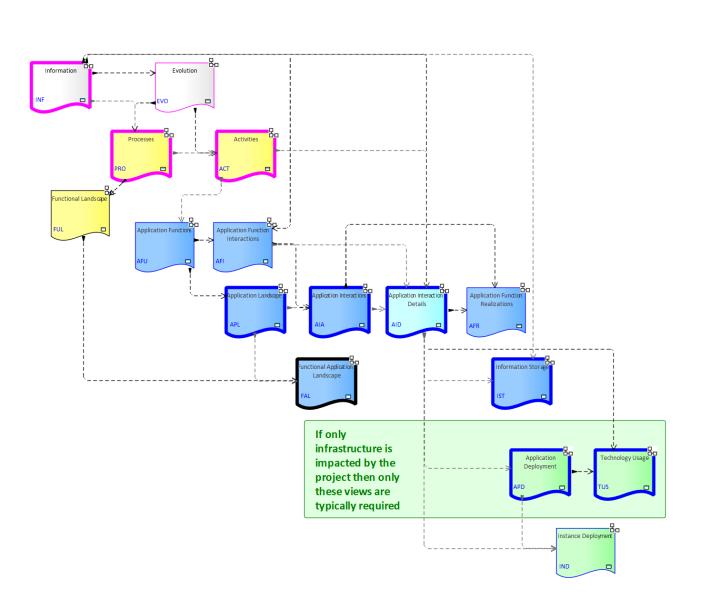
Built-in MDGs and related Toolboxes



Sparx EA Software Development Kit (SDK)



We need one modular language and tool but address specifically each type of view



Each type of architecture view needs to have its toolbox with element and connector types

Elements & Connectors

- Some come from standards
- Some were adapted
- Some are proprietary

What we want

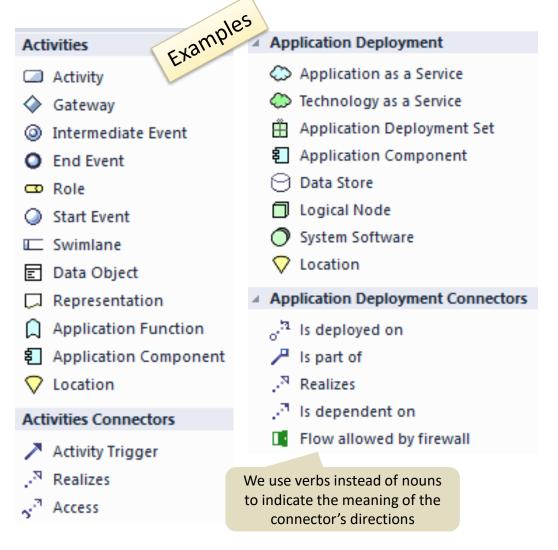


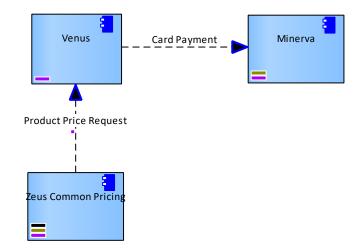
Diagram Types

What we want

When you select New diagram / ... the following list of Labnaf perspectives and diagram types appears

Select From: ⊼ Application Functions 🔁 Application Function Interactions h Labnaf - Vision 招 Application Function Realizations h Labnaf - Information 器 Application Landscape h Labnaf - Physical Material R Application Interactions h Labnaf - Process 招 Application Interaction Details h Labnaf - Enterprise Function L Application Deployment h Labnaf - People L Instance Deployment h Labnaf - Application ₽_□ Technology Usage h Labnaf - Technology 🖫 Information Storage h Labnaf - Equipment h Labnaf - Configuration ኪ Labnaf - Common Application Interaction Diagram

A Labnaf diagram type addresses a specific strategy or architecture viewpoint



Toolboxes

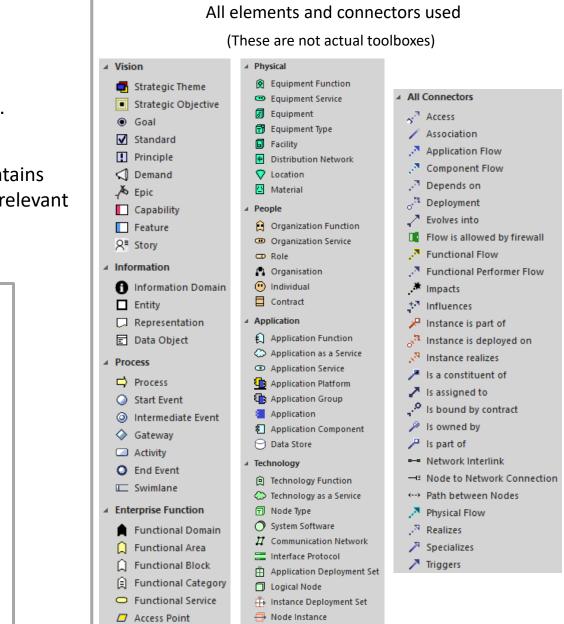
What we want

Each diagram type has its own toolbox.

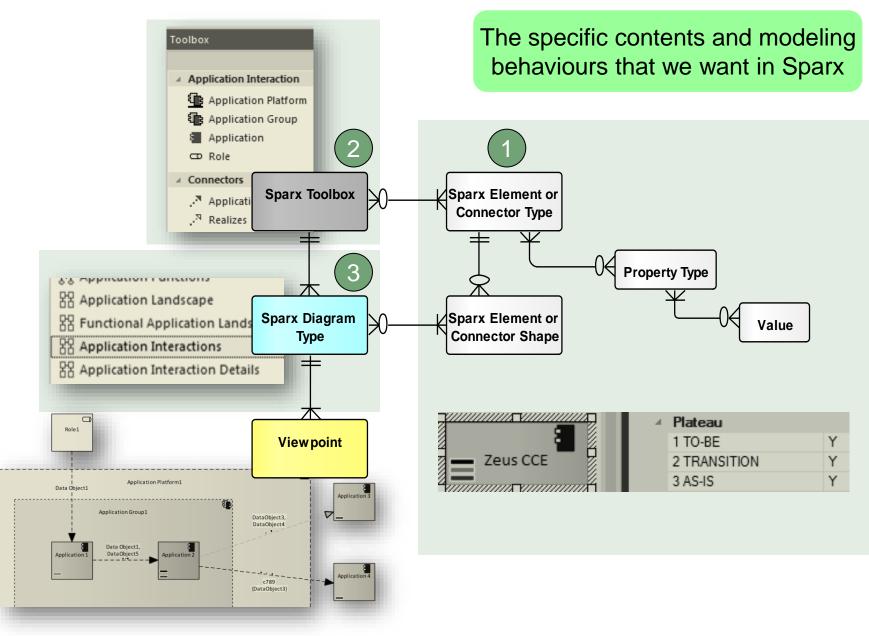
Each diagram-specific toolbox only contains the elements and connectors that are relevant to this diagram type.

> Toolbox for the diagram type "Application Interactions"

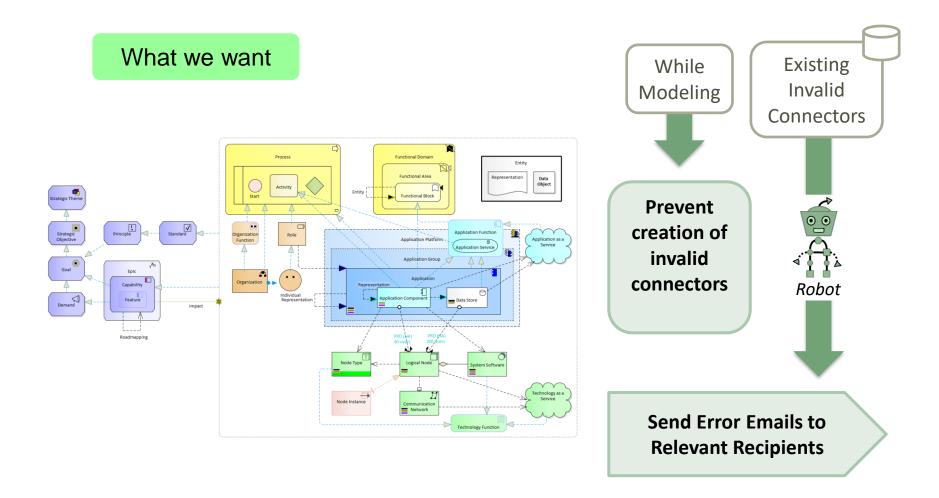
- Application Interaction
 - Application
 - 🗢 Role
 - Organization Function
 - Organization
- A Application Interaction Connectors
 - Application Flow
 - Depends on



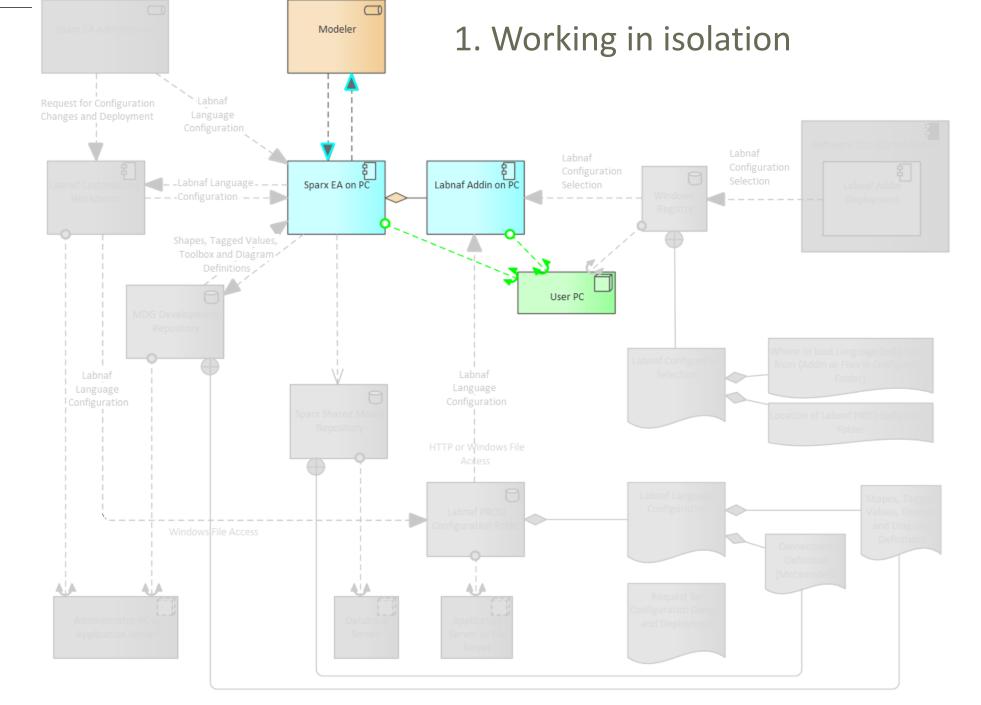
Key items to be designed and configured



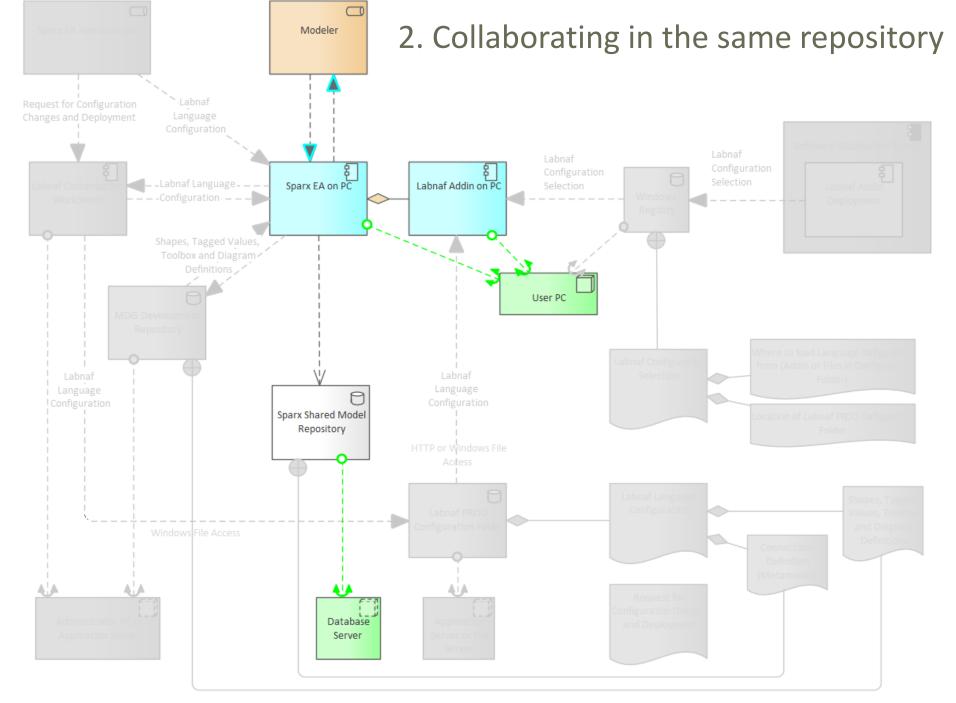
We also want an agile Language Metamodel used both for documentation & automatic model validation

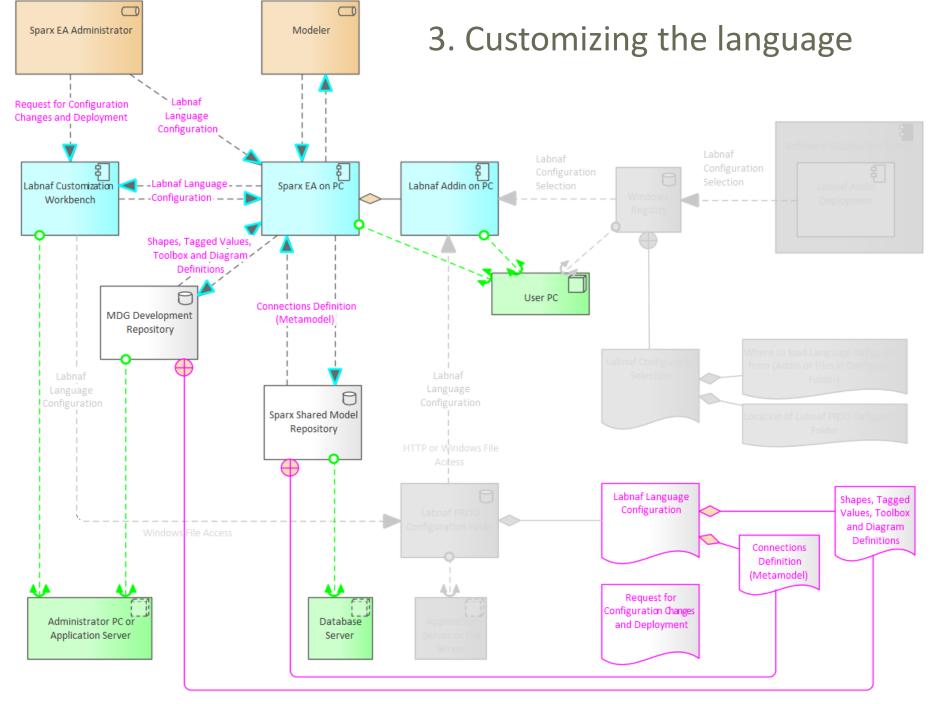


The evolving environment



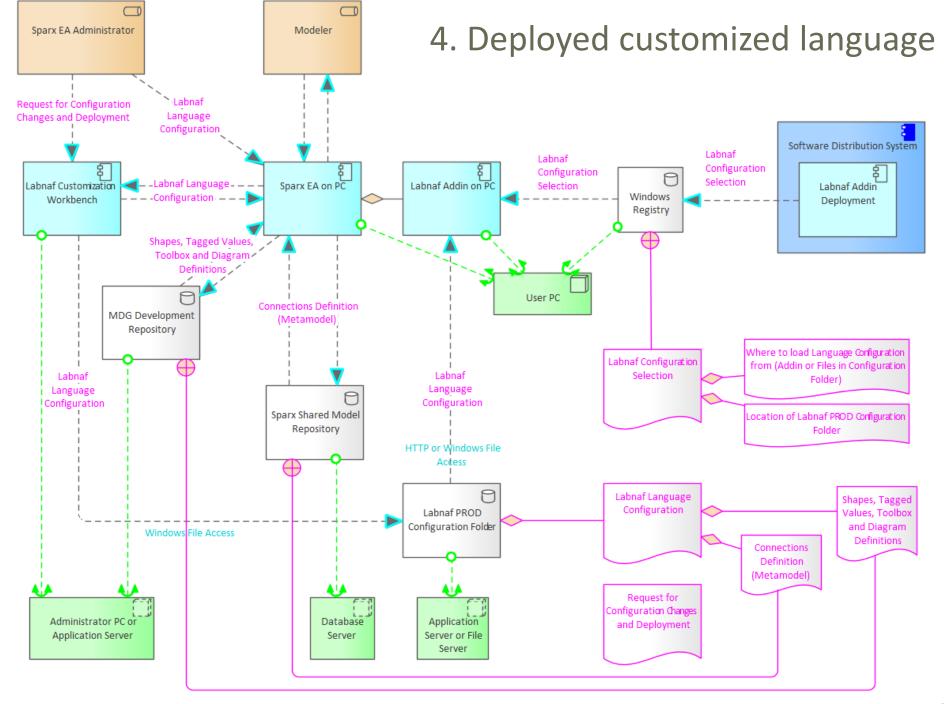
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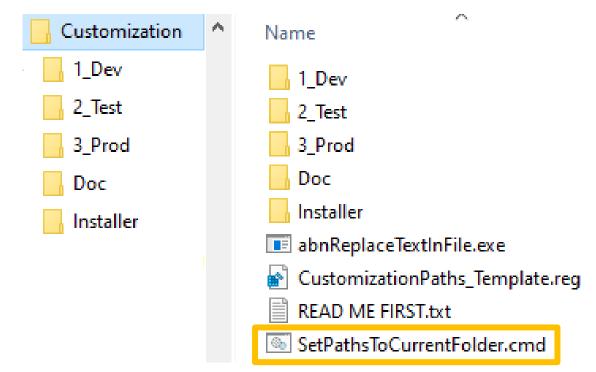
www.labnaf.oh6



How to proceed in practice...

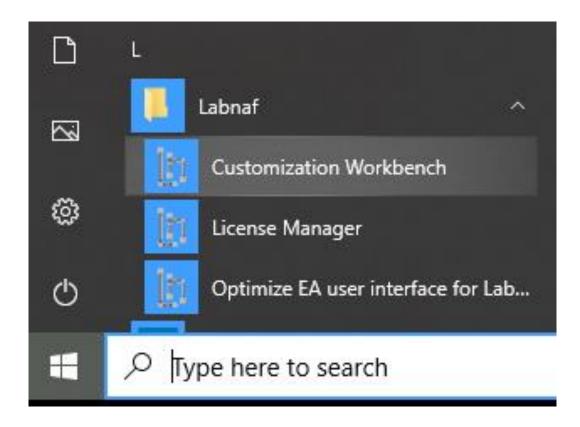
Automatic configuration to start customization

- Copy the Labnaf_Customization folder anywhere you want on your file system
- Double-click on "SetPathsToCurrentFolder.cmd"



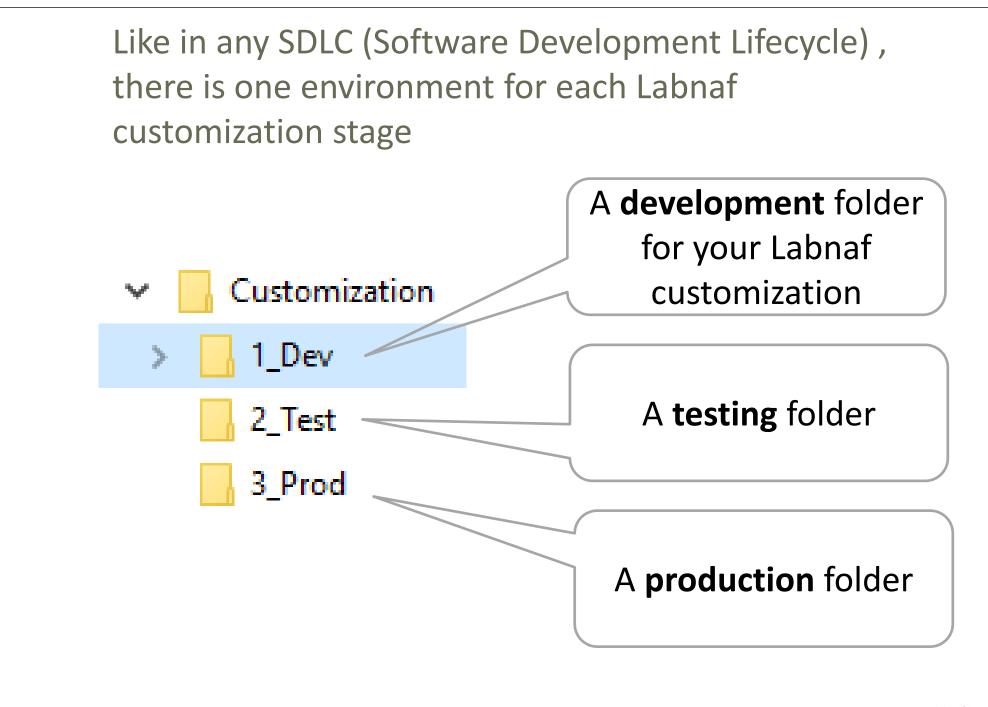
This updates the Labnaf configuration files and registry keys following the "Labnaf_Customization" folder location.

Start the Customization Workbench...



The Customization Workbench guides you throughout the Language customization lifecycle

Labnaf Customization Workbench	<u></u>		
ave Reload Load MDG from:	es 🔘 AddIn		
Software Development Lifecycle Environ	nent		
Development folder:	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev	Select Folder	
Testing configuration folder:	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test	Select Folder	Activ
Production configuration folder:	H:\Tools\LabnafConfig	Select Folder	Activ
Active Runtime Configuration on this PC:	PROD		
Load MDG file from folder:	H:\Tools\LabnafConfig		
MDG file expected in this folder:	H:\Tools\LabnafConfig\Labnaf_Custom_MDG.xml	2019-03-05 11:59:1	2
Connectors Definition used (always from PROD):	H:\Tools\LabnafConfig\Labnaf_Custom_QuickLinks.xml	2019-03-04 17:36:2	5
Software Development Lifecycle		Time Last Changed	I
Software Development Lifecycle MDG Development Edit MDG Source Model (EAP)	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom	-	
Software Development Lifecycle MDG Development		2019-03-05 12:50:3	6
Software Development Lifecycle MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS)	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom	2019-03-05 12:50:3 2019-03-05 11:24:0	6 2 2
Software Development Lifecycle MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS) Generate MDG => Testing MDG Testing MDG Testing Activate Testing Configuration Open Testing Repository Copy MDG from Testing => Production Configuring Production	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custon C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Test_Re	2019-03-05 12:50:3 2019-03-05 11:24:0	6 2 2 6
Software Development Lifecycle MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS) Generate MDG => Testing MDG Testing Activate Testing Configuration Open Testing Repository Copy MDG from Testing => Production	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custom	2019-03-05 12:50:3 2019-03-05 11:24:0 2019-03-05 11:59:1 2019-03-05 11:59:1	6 2 2 6 2



SDLC Environment Setting

Select the **Development**, **Testing** and **Production** configuration folders

Labnaf Customization Workbench	4		
Save Reload Load MDG from: O Fi	es 🔘 AddIn		Ab
Software Development Lifecycle Environ	ment		
Development folder:	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev	Select Folder	
Testing configuration folder:	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test	Select Folder	Activate
Production configuration folder:	H:\Tools\LabnafConfig	Select Folder	Activate
Active Runtime Configuration on this PC:	PROD		
Load MDG file from folder:	H:\Tools\LabnafConfig		
MDG file expected in this folder:	H:\Tools\LabnafConfig\Labnaf_Custom_MDG.xml	2019-03-05 11:59:12	
Connectors Definition used (always from PROD):	H:\Tools\LabnafConfig\Labnaf_Custom_QuickLinks.xml	2019-03-04 17:36:25	
Software Development Lifecycle		Time Last Changed	
MDG Development			
Edit MDG Source Model (EAP)	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom	2019-03-05 12:50:36	
Edit MDG Deployment File (MTS)	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf _Custon	2019-03-05 11:24:02	
Generate MDG => Testing			



2_Test

3 Prod

1 Dev

Development Folder

Pictures

WSL LABN_Diagrams_01_Vision.xml LABN_Diagrams_02_Information.xml LABN_Diagrams_03_Physical_Material.xml LABN_Diagrams_04_Process.xml LABN_Diagrams_05_Enterprise_Function.xml LABN_Diagrams_06_People.xml LABN_Diagrams_07_Application.xml LABN_Diagrams_08_Technology.xml LABN_Diagrams_09_Equipment.xml LABN_Diagrams_10_Configuration.xml LABN_Diagrams_11_Common.xml LABN_Diagrams_99_All.xml LABN_TB_Activities.xml LABN_TB_Any.xml LABN_TB_App_Dep.xml LABN_TB_App_Func.xml LABN_TB_App_Func_Interactions.xml LABN_TB_App_Func_Realizations.xml DABN_TB_App_Inter_Details.xml LABN_TB_App_Interactions.xml LABN_TB_App_Land.xml LABN_TB_Archi_Management.xml LABN_TB_Connectivity.xml

LABN_TB_ContractsAndImplications.xml LABN_TB_ControlledElementValues.xml LABN_TB_Corp_Strategy_Map.xml LABN_TB_Demands.xml LABN_TB_Distribution.xml LABN_TB_Entities.xml LABN_TB_Equipment_Func.xml LABN_TB_Equipment_Func_Relalizations.xml LABN_TB_Equipment_Land.xml LABN TB Evolution.xml LABN_TB_FreeText.xml LABN_TB_Func_App_Land.xml LABN_TB_Func_Eqp_Land.xml LABN_TB_Func_Interactions.xml LABN_TB_Func_Land.xml LABN_TB_Func_Org_Land.xml LABN_TB_Goals.xml LABN_TB_HLReqRoadmap.xml LABN_TB_Info_Prod_and_Usage.xml LABN_TB_Info_Storage.xml LABN_TB_Information.xml LABN_TB_Instance_Dep.xml LABN_TB_Locations.xml LABN_TB_Material.xml LABN_TB_Motivations.xml

LABN_TB_Org_Func.xml LABN_TB_Org_Func_Interactions.xml LABN_TB_Org_Func_Realizations.xml LABN_TB_Org_Interactions.xml LABN_TB_Org_Land.xml LABN_TB_Owned_By_Ent_Func.xml LABN_TB_Owned_By_Organizations.xml DABN_TB_Phys_Func_Interactions.xml LABN_TB_Phys_Interactions.xml LABN TB Principles.xml LABN_TB_Process_Realizations.xml LABN_TB_Processes.xml 💭 LABN_TB_Standards.xml LABN_TB_StdTechSvc.xml 🔓 LABN_TB_Tabular_Report_Template_Design.xn 🛛 🌑 LABN_TB_Tech_Func.xml LABN_TB_Tech_Func_Realizations.xml LABN_TB_Tech_Land.xml LABN_TB_Tech_Usage.xml 🐼 Labnaf_Custom_Dev.eap Labnaf_Custom_MDG.xml Labnaf_Custom_Profile.xml Labnaf Custom Template.MTS

Step 1: Develop your customized Labnaf language

- Labnaf_Custom_Dev.eap: A Labnaf model repository for customizing your Labnaf modeling language
- Pictures: Folder for storing custom language images

Step 2: Generate language "profiles"

- LABN_Diagrams_...xml: Diagram types
- LABN_Custom_Profile.xml: Element & connector types
 - LABN_TB....xml: Toolboxes

Step 3: Use the wizard to update

- Labnaf_Custom.MTS: The binding of all profile files needed
- Labnaf_Custom_MDG.xml: Your resulting customized Labnaf modeling language (generated in the Test folder)

For further details, see Sparx'Systems MDG Technologies User's Guide @ https://sparxsystems.com/resources/user-guides/modeling/mdg-technologies.pdf

1_Dev

2_Test

3 Prod

J Develop your customized Labnaf language

х Labnaf Customization Workbench Load MDG from: 💿 Files 🛛 🔘 AddIn About Save Reload Software Development Lifecycle Environment Development folder: C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev Select Folder Testing configuration folder: C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test Select Folder Activate Production configuration folder: Activate H:\Tools\LabnafConfig Select Folder Active Runtime Configuration on this PC: PROD Load MDG file from folder: H:\Tools\LabnafConfig MDG file expected in this folder: H:\Tools\LabnafConfig\Labnaf_Custom_MDG.xml 2019-03-05 11:59:12 Connectors Definition used (always from PROD): H:\Tools\LabnafConfig\Labnaf_Custom_QuickLinks.xml 2019-03-04 17:36:25 Time Last Changed Software Development Lifecycle MDG Development C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1 Dev\Labnaf Custom 2019-03-05 12:50:36 Edit MDG Source Model (EAP) C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf _Custorr 2019-03-05 11:24:02 Edit MDG Deployment File (MTS) Generate MDG => Testing

As soon as the Labnaf_Custom_dev.eap in open ensure all ribbons are showing

2_Test	

1_Dev

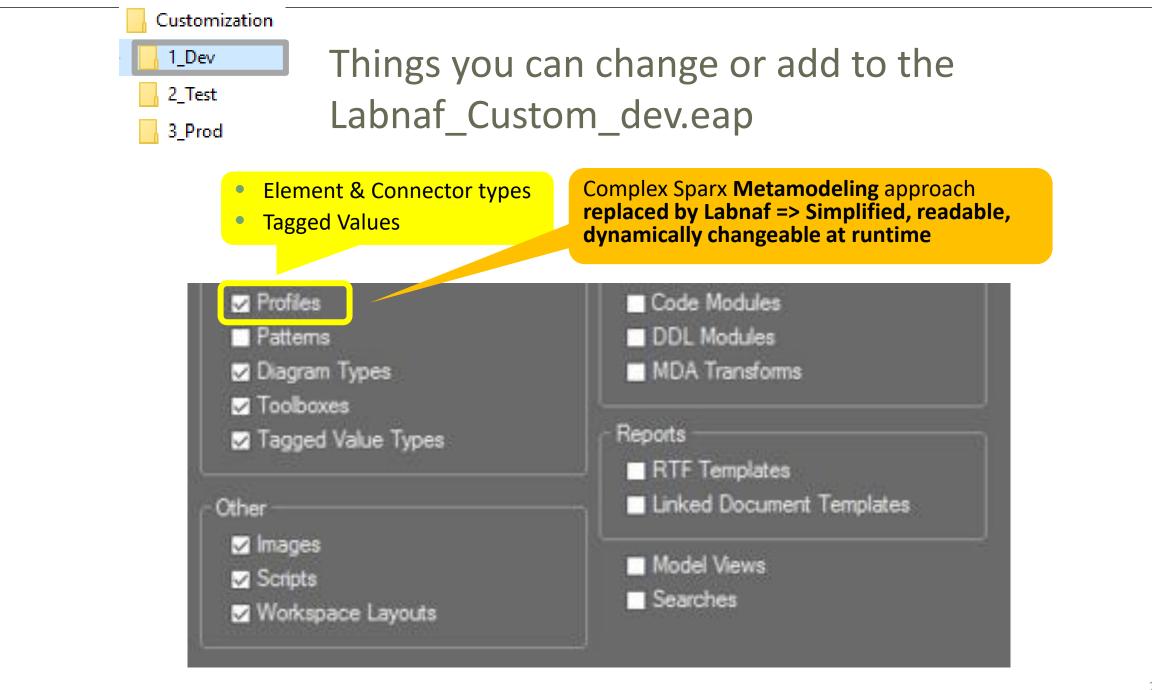
3_Prod

						Labnaf_C	Custom_Dev - En	terprise Archite	ct 🛛		
⊗ -	Start	Design	Layout	Develop	Publish	Simulate	Specialize	Construct	Execute	Configure	Find Command

		Labnaf_Custom_Dev - Enterprise Architect
🛇 🔹 🛛 Start Design Layout	Develop Publish	♀ Find Command
Search Portals	Workspaces Working Prefe	FullScreen Visual Style Discussions Review
Explore	Workspaces	
G 🕤 🕨 / 🕨 Dev 🕨 MDG 🕨 LABN	Select a Workspace	
Browser	Manage Workspaces	LABN, Business Process Diagram
	Save New Layout	
🎦 🗀 맨 🕇 🔸 🌯 🚍 -	Startup	age 맴LABN ×
Project Context Diagram Element	My Default Package	Stereotypes
🖌 🛅 Dev	My Default Diagram	
▲ ■ MDG	Clear Default Diagram	
명 MDG	Other	Motivation
🔺 🛱 LABN	Manage Views	
圮 Building An MDG Te	Show All Ribbons	
😕 Creating an MDG Te	✓ Show Start Page	Ensure all Ribbons are showing, including those hidden using a
A D LABN	Always on Top	Custom Ribbon Set



- This feature automatically opens and organizes all the EA windows that are useful with Labnaf including Labnaf customization
- Select the "Start" ribbon.
- Select the option "Workspaces > Manage Workspaces
 > My Workspaces > Labnaf Workspace Layout".
- Press the "Apply" button.



Updating the Labnaf MDG Profiles

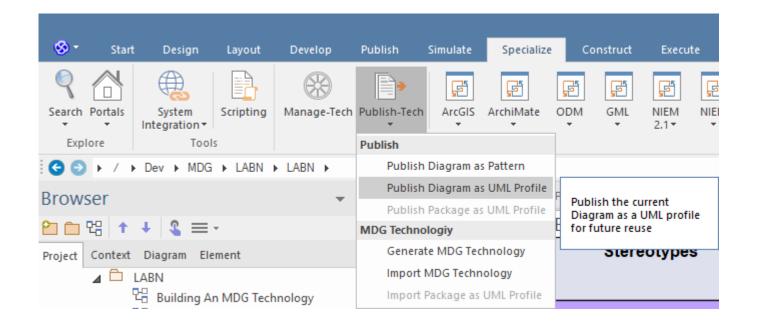
See Sparx System's EA documentation about updating

- <u>Stereotype Profiles</u>
- <u>Toolbox Profiles</u>
- Diagram Profiles

Refer to "Labnaf Customization - Updating Profiles.xlsx" to get the Labnaf MDG profile names and corresponding XML file names

	Α	В	С	D	E	F	G	H	- I	J
1	Profile Name	XML File Name								
2	LABN	Labnaf_Custom_Profile.xml	Save UM	IL Profile						×
3			Profile N	Innes II	ABN					
4			Profile IV	vame: L			_		_	
5			Filena <u>m</u>	e: C	\Test\Labnaf	_Customizatio	n\1_Dev <mark>\</mark> Lab	naf_Custom_I	Profile.xml	
6			Profile T	уре: Е/	UML(2.x)		Ŧ	Version:	2.0	
7			Nataa							_
8			No <u>t</u> es:							^
9										
10										~
11			<u>I</u> nclu							
12				lement Size		\checkmark	Alternate Im	age		
13				Color and Ap	bearance	\checkmark	Code Templ	ates		
14								_		
15							<u>S</u> ave	Cancel	<u>H</u> el	p

Saving the Labnaf MDG Profiles



Working around a Sparx bug: Making sure the default colors are saved when saving as profile

- Either show the pan & zoom window
- or scroll down the length of the diagram once before you do an export
- or save the diagram fully zoomed out.

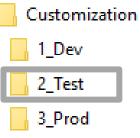
1_Dev

2_Test

3_Prod

Generate the Customized Labnaf MDG file (Language configuration)

ave Reload Load MDG from:	es 🔘 AddIn		
Software Development Lifecycle Environ			
Development folder:			
	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev	Select Folder	<u> </u>
Testing configuration folder:	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test	Select Folder	Activ
Production configuration folder:	H:\Tools\LabnafConfig	Select Folder	Activ
Active Runtime Configuration on this PC:	PROD		
Load MDG file from folder:	H:\Tools\LabnafConfig		
MDG file expected in this folder:	H:\Tools\LabnafConfig\Labnaf_Custom_MDG.xml	2019-03-05 11:59:12	
Connectors Definition used (always from PROD):	H:\Tools\LabnafConfig\Labnaf_Custom_QuickLinks.xml	2019-03-04 17:36:25	
Software Development Lifecycle		Time Last Changed	
Software Development Lifecycle		Time Last Changed	
Software Development Lifecycle MDG Development Edit MDG Source Model (EAP)	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom	2019-03-05 12:50:36	
Software Development Lifecycle MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS)		2019-03-05 12:50:36	
Software Development Lifecycle MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS) Generate MDG => Testing	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom	2019-03-05 12:50:36	
Software Development Lifecycle MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS)	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom	2019-03-05 12:50:36	
Software Development Lifecycle MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS) Generate MDG => Testing	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom	2019-03-05 12:50:36 2019-03-05 11:24:02	
Software Development Lifecycle MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS) Generate MDG => Testing MDG Testing Activate Testing Configuration Open Testing Repository	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom	2019-03-05 12:50:36 2019-03-05 11:24:02	
Software Development Lifecycle MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS) Generate MDG => Testing MDG Testing Activate Testing Configuration	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom	2019-03-05 12:50:36 2019-03-05 11:24:02	
Software Development Lifecycle MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS) Generate MDG => Testing MDG Testing Activate Testing Configuration Open Testing Repository	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom	2019-03-05 12:50:36 2019-03-05 11:24:02	
Software Development Lifecycle MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS) Generate MDG => Testing MDG Testing <u>Activate Testing Configuration</u> Open Testing Repository Copy MDG from Testing => Production	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom	2019-03-05 12:50:36 2019-03-05 11:24:02	
Software Development Lifecycle MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS) Generate MDG => Testing MDG Testing MDG Testing Activate Testing Configuration Open Testing Repository Copy MDG from Testing => Production Configuring Production	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custom	2019-03-05 12:50:36 2019-03-05 11:24:02 2019-03-05 11:59:12 2019-03-05 11:59:12	



The Testing Stage

Contents of the Testing Folder

Labnaf_Custom_MDG.xml

Labnaf_Custom_MDG.xml: Your customized Labnaf modeling language

Labnaf_Test_Repository.eap: Your model repository that you will use to test your customized Labnaf modeling language

1_Dev

2_Test

3_Prod

Activate the Testing Configuration and create some diagrams in the Testing Repository

ave Reload Load MDG from: Fil 	les 🕥 AddIn	
Software Development Lifecycle Environ	ment	
Development folder:	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev Select Folder	
Festing configuration folder:	M:\SparxDev\Distributed\Labnaf\Environments\2_Test Select Folder	Activ
Production configuration folder:	M:\SparxDev\Distributed\Labnaf\Environments\3_Prod	Activ
Active Runtime Configuration on this PC:	TESTING	
Load MDG file from folder:	M:\SparxDev\Distributed\Labnaf\Environments\2_Test	
MDG file expected in this folder:	M:\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custom_MD 2019-03-29 12:36:0)2
Connectors Definition used (always from PROD):	M:\SparxDev\Distributed\Labnaf\Environments\3_Prod\Labnaf_Custom_Qu 2019-03-04 17:36:2	5
Software Development Lifecycle	Time Last Changed	
Software Development Lifecycle		
Software Development Lifecycle MDG Development Edit MDG Source Model (EAP)	Time Last Changed	1 .7
Software Development Lifecycle MDG Development	Time Last Changed	1 .7
Software Development Lifecycle MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS)	Time Last Changed	1 .7)2
Software Development Lifecycle MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS) Generate MDG => Testing MDG Testing Activate Testing Configuration Open Testing Repository Copy MDG from Testing => Production Configuring Production	C:\4\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom_2019-03-29 12:32:1 C:\4\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custorr_2019-03-29 12:36:0 M:\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custom_MC_2019-03-29 12:36:0 M:\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Test_Reposit_2019-03-05 11:41:1	1 .7 12 12
Software Development Lifecycle MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS) Generate MDG => Testing MDG Testing Activate Testing Configuration Open Testing Repository	Time Last Changed C:\4\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom_2019-03-29 12:32:1 C:\4\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custorr 2019-03-29 12:36:0 M:\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custom_MC 2019-03-29 12:36:0	1 .7 .2 .2 .2 .6

1_Dev

2_Test

3_Prod

Copy the Customized Labnaf MDG file to Production

Labnaf Customization Workbench				
Save Reload Load MDG from:	les 🔘 AddIn			A
Software Development Lifecycle Environ	ment			
Development folder:	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev	Select Folder		
Testing configuration folder:	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test	Select Folder	ļ	Activat
Production configuration folder:	H:\Tools\LabnafConfig	Select Folder	/	Activat
Active Runtime Configuration on this PC:	PROD			
Load MDG file from folder:	H:\Tools\LabnafConfig			
MDG file expected in this folder:	H:\Tools\LabnafConfig\Labnaf_Custom_MDG.xml	2019-03-05 11:5	9:12	
Connectors Definition used (always from PROD):	H:\Tools\LabnafConfig\Labnaf_Custom_QuickLinks.xml	2019-03-04 17:3	6:25	
MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS)	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custor			
Generate MDG => Testing]			
MDG Testing				
Activate Testing Configuration	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custor			
Open Testing Repository	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Test_Re	2019-03-05 11:4:	1:16	
Copy MDG from Testing => Production				
Configuring Production	<u>></u>			
Activate Production Configuration	H:\Tools\LabnafConfig\Labnaf_Custom_MDG.xml	2019-03-05 11:5	9:12	
Open Production Repository & Edit Metamodel	H:\Tools\LabnafConfig\Labnaf_Prod_Repository.eap	2019-02-28 18:0		
		2019-03-04 17:3		

Customization
1_Dev
2_Test
3_Prod

The Production Stage

Contents of the Production Folder

Labnaf_Custom_MDG.xml Labnaf_Custom_QuickLinks.xml Labnaf_Prod_Repository.eap

The production folder can be located on a web server folder. In which case:

- The Customization Workbench accesses this folder directly on the file system.
- End users, using the Labnaf Addin, access the corresponding web folder url instead.

Labnaf_Custom_MDG.xml: Your customized Labnaf modeling language

Labnaf_Prod_Repository.eap: Your production model repository where you can dynamically customize the language metamodel

Labnaf_Custom_Quicklinks.xml: The connection rules generated from the language metamodel

1_Dev

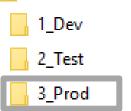
2_Test

3_Prod

Activate the Production Configuration and open the Production Repository

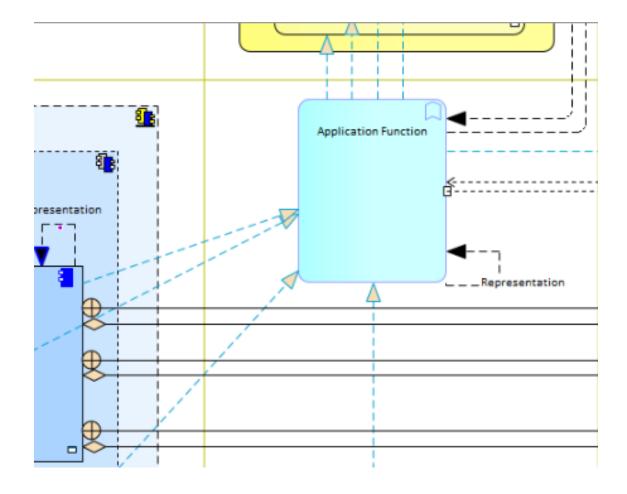
ave Reload Load MDG from:			
Software Development Lifecycle Environ	ment		
Development folder:	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev	Select Folder	
Testing configuration folder:	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test	Select Folder	Activat
Production configuration folder:	H:\Tools\LabnafConfig	Select Folder	Activat
Active Runtime Configuration on this PC:	PROD		
Load MDG file from folder:	H:\Tools\LabnafConfig		
MDG file expected in this folder:	H:\Tools\LabnafConfig\Labnaf_Custom_MDG.xml	2019-03-05 11:59:12	
Connectors Definition used (always from PROD):	H:\Tools\LabnafConfig\Labnaf_Custom_QuickLinks.xml	2019-03-04 17:36:25	
Software Development Lifecycle MDG Development		Time Last Changed	
		Time Last Changed	
MDG Development	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom	2	
		2019-03-05 12:50:36	
MDG Development Edit MDG Source Model (EAP)	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom	2019-03-05 12:50:36	
MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS) Generate MDG => Testing	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom	2019-03-05 12:50:36	
MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS) Generate MDG => Testing	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom	2019-03-05 12:50:36 r 2019-03-05 11:24:02	
MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS) Generate MDG => Testing	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custon	2019-03-05 12:50:36 2019-03-05 11:24:02	
MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS) Generate MDG => Testing MDG Testing Activate Testing Configuration	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custon	2019-03-05 12:50:36 2019-03-05 11:24:02	
MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS) Generate MDG => Testing MDG Testing Activate Testing Configuration Open Testing Repository Copy MDG from Testing => Production	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custon	2019-03-05 12:50:36 2019-03-05 11:24:02	
MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS) Generate MDG => Testing MDG Testing Activate Testing Configuration Open Testing Repository	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custon	2019-03-05 12:50:36 2019-03-05 11:24:02	

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Update the language metamodel

• Add or delete connectors in the language metamodel



<u>Further details</u> on the Labnaf Guidance web site.

1_Dev

2_Test

3_Prod

(Re)generate the connector definitions

	Labnaf Customization Workbench			
Development folder: C:\AlLT\SparxDev\Distributed\Labnah\Environments\1_Dev Select Folder Active Testing configuration folder: C:\AlLT\SparxDev\Distributed\Labnah\Environments\2_Test Select Folder Active Production configuration folder: H:\Tools\LabnatConfig Select Folder Active Active Runtime Configuration on this PC: PROD Configuration Culp-03-05 11:59:12 Load MDG file from folder: H:\Tools\LabnatConfig 2019-03-05 11:59:12 Connectors Definition used (always from PROD): H:\Tools\LabnatConfig\LabnatConfi	ave Reload Load MDG from:	iles 🕜 AddIn		A
Testing configuration folder: C:\A\LT\Span:Dev\Distributed\Labnaf\Environments\2_Test Select Folder Active Production configuration folder: H:\Tools\LabnafConfig Select Folder Active Active Runtime Configuration on this PC: PROD Image: Configuration on this PC: PROD Load MDG file from folder: H:\Tools\LabnafConfig 2019-03-05 11:59:12 Connectors Definition used (always from PROD): H:\Tools\LabnafConfig\Labnaf_Custom_MDG.xml 2019-03-05 11:59:12 Connectors Definition used (always from PROD): H:\Tools\LabnafConfig\Labnaf_Custom_QuickLinks.xml 2019-03-04 17:36:25 Software Development Lifecycle Time Last Changed MDG Development C:\A\LT\Span:Dev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom 2019-03-05 11:25:0:36 Edit MDG Source Model (EAP) C:\A\LT\Span:Dev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom 2019-03-05 11:25:0:36 Edit MDG Source Model (EAP) C:\A\LT\Span:Dev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom 2019-03-05 11:24:02 Generate MDG => Testing MDG Testing C:\A\LT\Span:Dev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custom 2019-03-05 11:59:12 Output:Os:05:11:59:12 Output:Os:05:11:59:12 Copy MDG from Testing => Production C:\A\LT\Span:Dev\Distributed\Labnaf\Environments\2_Test\Labnaf_Test_Re 2019-03-05 11:59:12 Configuration 2019-03-05 11:59:12 Configuration 2019-03-05 11:59:12	Software Development Lifecycle Enviror	ument		
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Active Runtime Configuration on this PC: PROD Load MDG file from folder: Ht/Tools\LabnafConfig MDG file expected in this folder: Ht/Tools\LabnafConfig\Labnaf_Custom_MDG.xml 2019-03-05 11:59:12 Connectors Definition used (always from PROD): Ht/Tools\LabnafConfig\Labnaf_Custom_QuickLinks.xml 2019-03-04 17:36:25 Software Development Lifecycle Time Last Changed MDG Development C\ALLT\SparxDev\Distributed\LabnafLenvironments\1_Dev\Labnaf_Custom_2019-03-05 11:24:02 Generate MDG => Testing C\ALLT\SparxDev\Distributed\LabnafLenvironments\1_Dev\Labnaf_Custor 2019-03-05 11:59:12 MDG Testing C\ALLT\SparxDev\Distributed\LabnafLenvironments\2_Test\Labnaf_Custor 2019-03-05 11:59:12 Open Testing Repository C\ALLT\SparxDev\Distributed\LabnafLenvironments\2_Test\Labnaf_Custor 2019-03-05 11:59:12 Copy MDG from Testing => Production C\ALLT\SparxDev\Distributed\LabnafLenvironments\2_Test\Labnaf_Environments\2_Test\Labnaf_Environments\2_Test\Labnaf_Test_Re 2019-03-05 11:41:16 Configuring Production LitYools\LabnafConfig\Labnaf_Environments\2_Test\Labnaf_Environments\2_Test\Labnaf_Environments\2_Test\Labnaf_Environments\2_Test\Labnaf_Environments\2_Test\Labnaf_Environments\2_Test\Labnaf_Environments\2_Test\Labnaf_Environments\2_Test\Labnaf_Environments\2_Test\Labnaf_Environments\2_Test\Labnaf_Environments\2_Test\Labnaf_Environments\2_Test\Labnaf_Environments\2_Test\Labnaf_Environments\2_Test\Labnaf_Environments\2_Test\Labnaf_Environments\2_Test\Labnaf_Environments\2_Test\Labnaf	Testing configuration folder:	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test	Select Folder	Activate
Load MDG file from folder: HkToolskLabnafConfig MDG file expected in this folder: HkToolskLabnafConfig\Labnaf_Custom_MDG.xml 2019-03-05 11:59:12 Connectors Definition used (always from PROD): HkToolskLabnafConfig\Labnaf_Custom_QuickLinks.xml 2019-03-04 17:36:25 Software Development Lifecycle Time Last Changed MDG Development C:\A\LT\SparxDev\Distributed\LabnafEnvironments\1_Dev\Labnaf_Custom_2019-03-05 12:50:36 Edit MDG Source Model (EAP) C:\A\LT\SparxDev\Distributed\LabnafEnvironments\1_Dev\Labnaf_Custom_2019-03-05 11:24:02 Generate MDG => Testing C:\A\LT\SparxDev\Distributed\LabnafEnvironments\2_Test\Labnaf_custor 2019-03-05 11:24:02 MDG Testing C:\A\LT\SparxDev\Distributed\LabnafEnvironments\2_Test\Labnaf_custor 2019-03-05 11:59:12 Open Testing Repository C:\A\LT\SparxDev\Distributed\LabnafEnvironments\2_Test\Labnaf_custor 2019-03-05 11:59:12 Open Testing Repository C:\A\LT\SparxDev\Distributed\LabnafEnvironments\2_Test\Labnaf_custor 2019-03-05 11:59:12 Copy MDG from Testing => Production C:\A\LT\SparxDev\Distributed\LabnafEnvironments\2_Test\Labnaf_custor 2019-03-05 11:41:16 Configuring Production H\Tools\LabnafConfig\LabnafConfig\LabnafEnvironments\2_Test\Labnaf_custor 2019-03-05 11:41:16 MDG Testing C:\A\LT\SparxDev\Distributed\LabnafEnvironments\2_Test\Labnaf_custor 2019-03-05 11:41:16 Open Testing Repository	Production configuration folder:	H:\Tools\LabnafConfig	Select Folder	Activate
MDG file expected in this folder: H\Tools\LabnafConfig\LabnafCustom_MDG.xml 2019-03-05 11:59:12 Connectors Definition used (always from PROD): H\Tools\LabnafConfig\Labnaf_Custom_QuickLinks.xml 2019-03-04 17:36:25 Software Development Lifecycle Time Last Changed MDG Development C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom 2019-03-05 12:50:36 Edit MDG Source Model (EAP) C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom 2019-03-05 11:24:02 Generate MDG => Testing C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custom 2019-03-05 11:59:12 MDG Testing C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custom 2019-03-05 11:59:12 Open Testing Repository C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custom 2019-03-05 11:41:16 Copy MDG from Testing => Production C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Test_Re 2019-03-05 11:41:16 Configuring Production H\Tools\LabnafConfig\Labnaf_Custom_MDG.xml 2019-03-05 11:49:12	Active Runtime Configuration on this PC:	PROD		
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Software Development Lifecycle Time Last Changed MDG Development Edit MDG Source Model (EAP) C:\A\LT\SpanxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom 2019-03-05 12:50:36 Edit MDG Deployment File (MTS) C:\A\LT\SpanxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom 2019-03-05 11:24:02 Generate MDG => Testing C:\A\LT\SpanxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custom 2019-03-05 11:29:12 MDG Testing C:\A\LT\SpanxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custom 2019-03-05 11:59:12 Open Testing Configuration C:\A\LT\SpanxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custom 2019-03-05 11:59:12 Copy MDG from Testing => Production C:\A\LT\SpanxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Test_Re 2019-03-05 11:41:16 Configuring Production H:\Tools\LabnafConfig\Labnaf_Custom_MDG.xml 2019-03-05 11:59:12			2019-03-04 17:36:25	
Generate MDG => Testing MDG Testing Activate Testing Configuration C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custor 2019-03-05 11:59:12 Open Testing Repository C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Test_Re 2019-03-05 11:41:16 Copy MDG from Testing => Production C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Test_Re 2019-03-05 11:41:16 Configuring Production H:\Tools\LabnafConfig\Labnaf_Custom_MDG.xml 2019-03-05 11:59:12	Software Development Lifecycle		Time Last Changed	
Edit MDG Deployment File (MTS) C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custor 2019-03-05 11:24:02 Generate MDG => Testing MDG Testing MDG Testing C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custor 2019-03-05 11:59:12 Open Testing Repository C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Test_Re 2019-03-05 11:41:16 Copy MDG from Testing => Production C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Test_Re 2019-03-05 11:41:16 Configuring Production H:\Tools\LabnafConfig\Labnaf_Custor_MDG.xml 2019-03-05 11:59:12	Software Development Lifecycle		Time Last Changed	
MDG Testing Activate Testing Configuration C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custor 2019-03-05 11:59:12 Open Testing Repository C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Test_Re 2019-03-05 11:41:16 Copy MDG from Testing => Production C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Test_Re 2019-03-05 11:41:16 Configuring Production H:\Tools\LabnafConfig\Labnaf_Custom_MDG.xml 2019-03-05 11:59:12	Software Development Lifecycle MDG Development		-	
Activate Testing Configuration C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custor 2019-03-05 11:59:12 Open Testing Repository C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Test_Re 2019-03-05 11:41:16 Copy MDG from Testing => Production C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Test_Re 2019-03-05 11:41:16 Configuring Production H:\Tools\LabnafConfig\Labnaf_Custom_MDG.xml 2019-03-05 11:59:12	Software Development Lifecycle MDG Development Edit MDG Source Model (EAP)	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom	2019-03-05 12:50:36	
Open Testing Repository C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Test_Re 2019-03-05 11:41:16 Copy MDG from Testing => Production Configuring Production 2019-03-05 11:41:16 Activate Production Configuration H:\Tools\LabnafConfig\Labnaf_Custom_MDG.xml 2019-03-05 11:59:12	Software Development Lifecycle MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS)	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom	2019-03-05 12:50:36	
Copy MDG from Testing => Production Configuring Production Configuring Production Activate Production Configuration H:\Tools\LabnafConfig\Labnaf_Custom_MDG.xml 2019-03-05 11:59:12	Software Development Lifecycle MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS) Generate MDG => Testing	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom	2019-03-05 12:50:36	
Configuring Production Activate Production Configuration H:\Tools\LabnafConfig\Labnaf_Custom_MDG.xml 2019-03-05 11:59:12	Software Development Lifecycle MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS) Generate MDG => Testing MDG Testing	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom	2019-03-05 12:50:36 2019-03-05 11:24:02	
Activate Production Configuration H:\Tools\LabnafConfig\Labnaf_Custom_MDG.xml 2019-03-05 11:59:12	Software Development Lifecycle MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS) Generate MDG => Testing MDG Testing Activate Testing Configuration Open Testing Repository	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custom	2019-03-05 12:50:36 2019-03-05 11:24:02 2019-03-05 11:59:12	
	Software Development Lifecycle MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS) Generate MDG => Testing MDG Testing Activate Testing Configuration Open Testing Repository	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custom	2019-03-05 12:50:36 2019-03-05 11:24:02 2019-03-05 11:59:12	
Open Production Repository & Edit Metamodel H:\Tools\LabnafConfig\Labnaf_Prod_Repository.eap 2019-02-28 18:01:07	Software Development Lifecycle MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS) Generate MDG => Testing MDG Testing Activate Testing Configuration Open Testing Repository Copy MDG from Testing => Production	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custom	2019-03-05 12:50:36 2019-03-05 11:24:02 2019-03-05 11:59:12	
Generate Connectors Definition => Production H\Tools\LaboratConfig\LaboratConfig\LaboratCustom QuickLinks yml 2019-03-04 17:36:25	Software Development Lifecycle MDG Development Edit MDG Source Model (EAP) Edit MDG Deployment File (MTS) Generate MDG => Testing MDG Testing Activate Testing Configuration Open Testing Repository Copy MDG from Testing => Production Configuring Production	C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custon C:\A\LT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Test_Re	2019-03-05 12:50:36 2019-03-05 11:24:02 2019-03-05 11:59:12 2019-03-05 11:59:12	

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Deployment for end users of the Labnaf Addin

To deploy the customized version of the language on end users' desktops, the software distribution package must set some registry keys under **HKEY_CURRENT_USER\Software\Labnaf**

- LoadMdgFrom = MdgFiles
- ActiveFolder and ProdFolder point to the production folder (web url or file system)
 For end users ActiveFolder and ProdFolder must have the same value.

🏥 Registry Editor

File Edit View Favorites Help

Computer\HKEY_CURRENT_USER\Software\Labnaf										
Labnaf Labnaf.Installed LogiShrd Logitech Magic TuneDB	^	Name (Default)	Type REG_SZ	Data (value not set)						
		ab ActiveFolder ab LoadMdgFrom ab ProdFolder	REG_SZ REG_SZ REG_SZ	http://localhost/MdgFiles MdgFiles http://localhost/MdgFiles						

📫 Registry Editor

<u>File Edit View Favorites H</u>elp

Computer\HKEY_CURRENT_USER\Software\Labnaf

Labnaf Labnaf.Installed	^	Name ab (Default)	Type REG SZ	Data (value not set)
LogiShrd Logitech		ab ActiveFolder	REG_SZ	C:\Users\User\Desktop\Labnaf_Package\Labnaf_Customization\3_Prod
Magic TuneDB MainConcept		ab LoadMdgFrom	REG_SZ REG_SZ	MdgFiles C:\Users\User\Desktop\Labnaf_Package\Labnaf_Customization\3_Prod

Merging your Labnaf customizations into a new version of Labnaf

