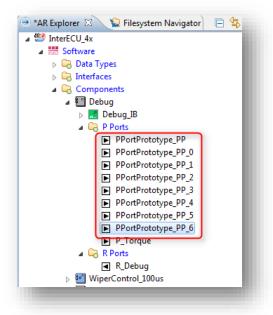


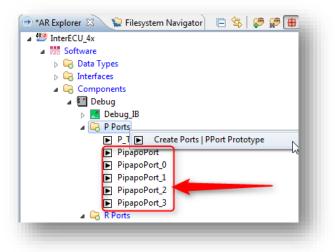
How to change naming convention for components in ISOLAR-A



- How to change naming convention for components?
- · I want to create several components with similar names
 - Creating these components and then manually typing the name for every single component is cumbersome and error prone
- Can I define the naming pattern in ISOLAR-A?
 - Example:
 - With default naming pattern:



• I want other names per default:



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ETAS

• In the What's New section of the Release Notes for ISOLAR-A V9.4 there is:

3.1	What's New						
	ISOLAR-A V9.4 introduces many new valuable features and enhancements:						
	 Features supporting AUTOSAR R4.x, including 						
	 System Graphical Overview^(New) 						
	Represents System architecture						
	 Represents Gateway, Frame and Signal Communication between ECUs 						
	 Represents Signal Communication to DataElement 						
	 User Defined Naming Conventions^(New) 						
	 Helps Users to define Naming rules 						
	 AUTOSAR 4.3 Support^(New) 						
	 ARXML Importer^[New] 						

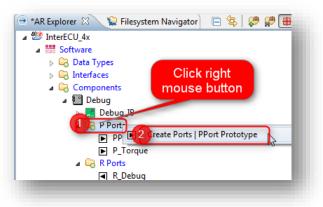
- User Defined Naming Conventions [New]
 Helps Users to define Naming rules
- How can I do this? How can I define Naming rules?
- User naming convention feature helps end users to define convention rules for the short name for all the AUTOSAR elements
 - Where can I find this naming convention feature?
- How to configure convention rule for name of AR component?

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- It is possible to define naming convention rules in ISOLAR-A V9.4
 - When a component is created (for example a PPort Prototype) ...

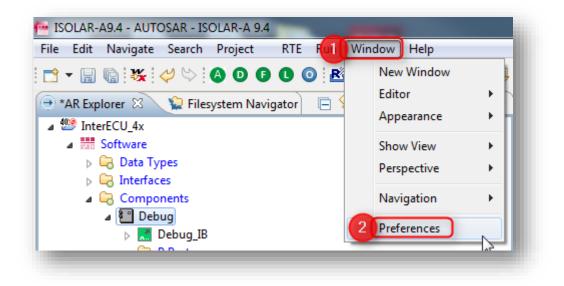


• ... the component is named according to a defined pattern:



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- Follow these steps in order to:
 - Change this pattern or
 - Add additional patterns
- In ISOLAR-A: Menubar > Window > Preferences



- In dialog Preferences:
 - Type "rule " in search text field
 - Under User Naming Conventions: on Rule Configurator click left mouse button

- + / X
-
Add
Remove
Edit
Import
Export
_
Apply
Cancel

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ET/2

• In Rule Configurator on green cross ("+" icon): click left mouse button

le Confi <u>c</u>	urator	$\Diamond \bullet \bullet \bullet \bullet \bullet \bullet$
Profiles * :	Sample	
Type :	Generic Naming Rule	▼ Add new Profile

• In dialog Create Profile: Type a name for the new profile, then click OK button

Please enter Profile name SteffensExtraOrdinaryNamingProfile_for_FAQarticle	
SteffensExtraOrdinaryNamingProfile_for_FAQarticle	
2 OK Cancel	

• In Rule Configurator: Click on Add button

rofiles * :	SteffensExtraOrdinaryNamingProfile_for_FAQarticle				- 🕂 🖊 🗙
ype :	Generic Naming Rule				
	ows:0		8	5 111	Add
AR Elem	ent	Context	Pattern	Description	
					Remove
					Edit
					Import
					Export

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DRIVING EMBEDDED EXCELLENCE



- In dialog Naming Rule Configurator:
 - In field AR Element: Type name of the according AUTOSAR element
 - In field Rule Pattern: Enter the rule pattern
 - Click button Finish

💮 Naming Rule	Configurator	
Configure Na	ming convention Rules for target AUTOSAR Element	
Use 'Ctrl + Sp	ace' for content assist in 'Rule Pattern and AR Element'	
AR Element *	PPort Prototype	
Context * :	All	
	Ground braking mind blowing PPort	
Description :		
	PipapoPort	
Rule Pattern *		
Package :		1
?	3 <u>E</u> ir	nish Cancel

- In Rule Configurator:
 - In table column AR Element: check the checkbox left to PPortPrototype
 - Click Apply button, then click OK button

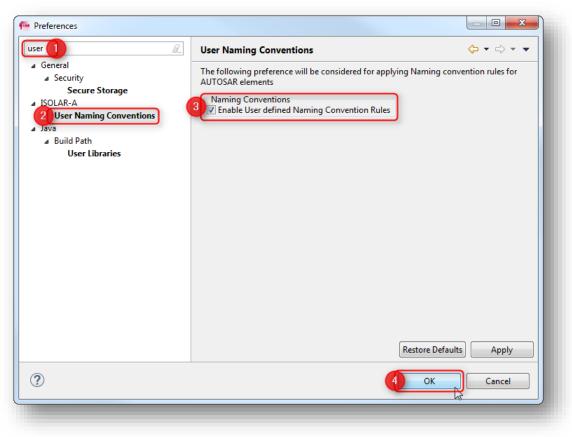
ECU Development	Rule Configurator						• => • •
Rule and Icon Files	Profiles * :	Profiles * : SteffensExtraOrdinaryNamingProfile_for_FAQarticle					💠 🧷 🗙
ISOLAR-A User Naming Conventions Type : Generic Naming Rule							i
Rule Configurator							
	🕀 📄 R	ows:1					
	AR Elem	ent	Context	Pattern	Description	Packages	Add
		PortPrototype	All	PipapoPort	Ground braking mind blowing PPort		Remove
							Edit
			-				
				New pattern			Import
			_				Export
					Re	estore Defaults 2	Apply
)							
						ок	Cancel

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i Additional information:

- If the feature does not work although you followed the previous steps:
 - Make sure that the feature is enabled
 - In Preferences dialog > User Naming Conventions > Panel Naming Conventions:
 - Make sure that there is a check mark at Enable User defined Naming Convention Rules
 - Click OK button



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