

Stereotypes

When the UML standard comes to its limits, it can be enhanced by defining stereotypes. Stereotypes allow to extend the vocabulary of UML with specific attributes for special usage. The Designer supports the following stereotypes:

Adapter Stereotypes

Adapter stereotypes apply to operations used on diagrams. They can be applied to call operation actions.

MongoDB

Stereotype	Extends	Additional Attributes	Description
MongoDB Operation	Operation		

REST

Stereotype	Extends	Additional Attributes	Description
REST	Operation	HTTP method Relative Path Is Verbatim Path Blob Body Content Type Reject Other Response Content Types Accepted Request Content Type Reject Other Request Content Types	Refer to REST Adapter for more information on how to use these stereotypes.
REST Parameter	Parameter	In External Name	

SOAP

Stereotype	Extends	Additional Attributes	Description
SOAP RPC Operation	Operation	rpcResponseName soapInputNamespace soapOutputNamespace soapAction nativeArrayElement nativeType xmlArrayElement xmlType nameEditable nameRequired namePattern	

Implementation Stereotypes

Implementation stereotypes apply to elements (operations, classes, properties) in the [Implementation](#) folder.

FileSystem

Stereotype	Extends	Additional Attributes	Description
File System Adapter	Operation	alias action mode	Refer to Filesystem Adapter for more information on how to use these stereotypes.

FlatFile

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Stereotype	Extends	Additional Attributes	Description
Flat File Adapter	Operation	alias action	Refer to Flat File Adapter for more information on how to use these stereotypes.
Flat File	Class	recordSeparator escapeCharacter quoteCharacter fillCharacter reservedCharacter composeEmptyAttributes	
Flat File Complex Attribute	Class	attributeLayout attributePattern attributeSeparator supressEscaping composeMacro parseMacro	
Flat File Group	Class	composeMacro parseMacro evaluationOrder pattern	
Flat File Record	Class	pattern attributeLayout attributePattern attributeSeparator ignoreEmptyRecords supressEscaping composeMacro parseMacro lineNumber evaluationOrder ignoreEmptyStrings	
Flat File Sub Record	Property	condition evaluationOrder offset	
Flat File Attribute	Property	supressEscaping parseMacro composeMacro padding format order decimals offset internalLength externalLength nativeType nativeArrayType	

Kafka

Stereotype	Extends	Additional Attributes	Description
Kafka Producer Adapter	Operation	alias	Refer to Apache Kafka Producer Reference for more information on how to use these stereotypes.

Library

Stereotype	Extends	Additional Attributes	Description
Library Class	Class	action channel	

Logger

Stereotype	Extends	Additional Attributes	Description
Logger	Operation	action channel	Refer to Logger Adapter for more information on how to use these stereotypes.
Log Channel	Class		
Log Sink	Class	sinkType fileNamePattern level	
Log Formatter	Class	format pattern	
Log Keys	Class		

Memory

Stereotype	Extends	Additional Attributes	Description
Memory Adapter	Operation	scope action	Refer to Memory Adapter for more information on how to use these stereotypes.

MongoDB

Stereotype	Extends	Additional Attributes	Description
MongoDB Adapter	Operation	alias database collection action	Refer to MongoDB Adapter for more information on how to use these stereotypes.

REST

Stereotype	Extends	Additional Attributes	Description
RESTAdapter	Operation	Alias Digest Algorithm	Refer to REST Adapter for more information on how to use these stereotypes.
REST Error	Class		
REST Port	Class	errorClass apiVersion namespace path	
REST Resource	Class	Relative Path Is Verbatim Path	
REST Error Code	Property		
REST Error Message	Property		

SAP

Stereotype	Extends	Additional Attributes	Description
SAP IDoc Composer	Operation	action	Refer to SAP Adapter for more information on how to use these stereotypes.
SAP IDoc Parser	Operation	action	
SAP IDoc Record Composer	Operation	action	
SAP IDoc Record Parser	Operation	action	
SAP RFC Adapter	Operation	alias	

SAP TRFC Adapter	Operation	alias
SAP TRFC Create Transaction	Operation	alias
SAP TRFC Confirm Transaction	Operation	alias
SAP XML IDoc Composer	Operation	
SAP XML IDoc Parser	Operation	
SAP IDoc	Class	namespace
SAP IDoc Attribute	Class	namespace sign decimals offset internalLength externalLength nativeType
SAP Parameters	Class	namespace
SAP Structure	Class	namespace
SAP Tables	Class	namespace
SAP IDoc Attribute	Property	namespace sign decimals offset internalLength externalLength nativeType

Setting

Stereotype	Extends	Additional Attributes	Description
Setting	Property	settingName isPasswordSetting	Refer to Customizing Properties for more information on how to use this stereotype.

XML Serialization

Stereotype	Extends	Additional Attributes	Description
XML Package	Package	xmlNamespace namespace	Refer to XML Serialization for more information on how to use these stereotypes.
XML	Class	xmlNamespace xmlElementName isMixed isOrdered namespace	
XML Attribute	Property	xmlNamespace xmlForm xmlFormat externalName xmlType	
XML Characters	Property	xmlFormat order	
XML Element	Property	xmlNamespace xmlForm xmlFormat isNilable xmlArrayElement order externalName xmlType	
XML Namespace	Property		

