Plugin Bau

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Plugin besteht aus 4 Dingen

-Typinferenzplugin (master-branch) -JavaCompilerCore-With-Dependencies -Feature -UpdateSite

1. TypinferenzPlugin

git clone ssh://pl@gohorb.ba-horb.de/bahome/projekt/git/TypinferenzPlugin --branch feature (Branch bei dem alle 4 Komonenten eingecheckt sind)

git clone -b master ssh://username@@gohorb.ba-horb.de/bahome/projekt/git/TypinferenzPlugin (Master Branch nur mit dem Plugin selbst)

anschließend in Eclipse importieren. File->Import->General->Existing Plugin into Workspace->TypinferenzPlugin

2. JavaCompilerCore-With-Dependencies

JavaCompilerCore branch plugin

Änderungen in plugin-Branch mergen

mvn package -DskipTests

Plugin erstellen New -> Project -> other ...

• •	New	
Select a wizard		
Create a plug-in project	from existing JAR archives	
Wizards:		
type filter text		
Component Der	Inition	
Extension Point	Schema	
Feature Patch		
Feature Project		
🖓 Fragment Proje	ct	
📑 Plug-in from Ex	isting JAR Archives	
Plug-in Project		
Product Config	uration	
Target Definitio	n	
↓ Update Site Pro	ject	
SWTBot		
Tasks		
User Assistance		
E C Evamples		
?	< Back Next >	Cancel Finish

p

0 0	New Plug	-in from Existing JAR Archives		
JAR selection				
Select the JAR arc	hives to include i	in the plug-in.		
JAR archives to inc	lude in the plug-i	in:		
			Add	
			Add External	
			Remove	
			_	
?	< Back	Next > Cance	Finish	
		target	≎	Q Search
Favorites		Rame target		Q Search
Favorites		Harget	\$	Q Search
Favorites	e	Harget Name → JavaTXcompiler-0.1.zip → JavaTXcompiler-0.1.jar	-with-dependencies.jar	Q Search
Favorites All My Files Ficial Cloud Drive Application	e s	Image Image Name Image Image JavaTXcompiler-0.1.zip Image JavaTXcompiler-0.1.jar Image JavaTXcompiler-0.1.jar Image Surefire-reports		Q Search
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	New Plug-in from Existing JAR Archives	
JAR selection Select the JAR archive	s to include in the plug-in.	
JAR archives to include	in the plug-in:	
JavaTXcompiler-0.1	I-jar-with-dependencies.jar - /Users/pl/workspace	Add Add External Remove
?	< Back Next > Cancel	Finish

۱ - 	New Plug-in from Existing JAR Archives
Plug-in Project Proper	ties
Enter the data required to	o generate the plug-in.
Project name: JavaCon	pilerWithDependencies 180525
Use default location	
Location: /Users/pl/wor	rkspace_oxygen/JavaCompilerWithDependencies_1 Browse
Plug-in Properties	
Plug-in ID:	JavaCompilerWithDependencies_180525
Plug-in Version:	1.0.0
Plug-in Name:	JavaCompilerWithDependencies_180525
Plug-in Vendor:	
Analyze library cont	ents and add dependencies
Execution Environment:	JavaSE-9 Cnvironments
Target Platform	
This plug-in is targeted	to run with:
 Eclipse version 	n: 3.5 or greater ᅌ
🔵 an OSGi frame	ework: Equinox
Unzip the JAR archi	ves into the project
Update references t	to the JAR files
Working sets	
Add project to wor	king sets New
?	< Back Next > Cancel Fit.sh

MANIFEST.MF: Runtime alle mir Add... hinzufügen



3. Feature

File -> New -> other ...

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Select a wizard	
Create a Feature project	
Wizards:	יב
type filter text	
► Cadle	
► 🤁 Java	
Maven	
🕨 🧀 Oomph	B
V > Plug-in Development	3
Category Definition	
Component Definition	14
Extension Point Schema	
Reature Project	
Fragment Project	
Plug-in from Existing JAR Archives	21
🕵 Plug-in Project	
Product Configuration	
?	Nex Cancel Finish

		New Feature	
Feature Properties Define properties that will be placed in the feature.xml file			
Project name:	JavaTXFe	ature	a
🗹 Use default le	ocation		
Location: /Use	rs/pl/wor	kspace_oxygen/JavaTXFeature	Browse
Feature propert	ties		B
Feature ID:		JavaTXFeature	İ
Feature Name:		JavaTXFeature	16
Feature Version	י:	1.0.0.qualifier	
Feature Vendor			
Install Handler	Library:		J
?	C	< Back New Cancel	Finish

In JavaTXfeatures zwei Plugins reinlegen:

00	New Feature	
Referenced Pl Select the plug feature.	lug-ins and Fragments g-ins and fragments from your workspace to package into the	e new
O Initialize fro	om a launch configuration:	
Eclipse Applic	cation	\$
• Initialize from	om the plug-ins list:	
t typi	8	Select All
Typir	nferenzPlugin (1.0.0.qualifier)	Deselect All
9		Select
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1 of 748 select	tea.	
?	< Back Next > Cancel	Finish



In dependencies vom JavaTXPlugin

4. UpdateSite

File -> New -> other ...

	New	
Select a wizard	d	-
Create an Upda	ate Site project	
Wizards:		ni:
type filter text	t .	aı 🦳
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Target	t Definition	16
SWTBot		fc
Tasks		
User Ass	listance	
?	< Back Next> Cancel	Finish
• •	New Update Site	
Update Site Pr	roject	
Create a new u	update site project	
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Droiget name	Turisferenzelusielle date Side	ii
Project name:	TypinterenzpluginOpdateSide	
Use default	t location	a
Leasting (1)		Rrowso
Location: 70s	sers/pi/workspace_oxygen/Typinterenzpluginopdateside	browse
Web Resource	es	
Generate	a web page listing all available features within the site	3
Web resource	es location: web	k
		t I
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		,
0	Cancel	Fineb
	Calicer	- I III SII





TypeUnifyTask.j JavaTXCompilerT UnifyPair.java	J ASTVisitor.java	🕖 JavaTXCompiler.	📄 site.xml 🔀
Dpdate Site Map			
Managing the Site 1. Add the features to be published on the site. 2. For easier browsing of the site, categorize the features by dragging. 3. Build the features.	New Category		
	Synchronize Build Build All		