User manual for the evolution analysis and simulation plugin

- To install the plugin, simply paste it into the plugins directory inside the main eclipse installation folder
- Open eclipse. A new menu is now added in the main menu bar. Click te "Evolution Analysis view to open the corresponding view in the bottom side of the workbench"

File	Edit	Source	Refactor	Navigate	Search	Project	Evolu	tion Analysis	Run	Window	Help
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- The view is now enabled

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roject Name	Version	Nodes	Edges	Diameter	Density	Clustering Coeff.	Edges Betwe	Edges To Exi	Edges Betwe	Edges To New	Deleted Edges

- Import all versions of the project under analysis. Each version should be imported as a separate project and must contain the numbering scheme after the project name.



- Click on any version of the desired project and the click the evolution analysis button



- The evolution analysis starts...

Project Evolution Analysis	<						
Parsing selected Java Project							
Analysing project jfreechart-1.0.0							
Always run in background							
Run in Background Cancel Details >>]						

- When the analysis is finished, the results will be shown in the table:

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Project Name	Version	Nodes	Edges	Diameter	Density	Clustering Coeff.	Edges Betwe	Edges To Exi	Edges Betwe	Edges To New	Deleted Edges	
jfreechart	1.0.0	478	1575	9	0.007	0.372	0	0	0	0	0	
jfreechart	1.0.1	479	1579	9	0.007	0.372	1	3	0	0	0	
jfreechart	1.0.2	492	1654	9	0.007	0.364	11	49	16	1	1	
jfreechart	1.0.3	506	1654	9	0.006	0.361	14	23	21	9	58	
jfreechart	1.0.4	516	1689	9	0.006	0.356	5	23	7	0	0	
jfreechart	1.0.5	521	1710	9	0.006	0.357	10	12	1	3	2	
jfreechart	1.0.6	532	1733	9	0.006	0.352	8	14	6	2	5	
jfreechart	1.0.7	559	1817	9	0.006	0.358	6	36	46	2	4	
jfreechart	1.0.8	559	1780	9	0.006	0.358	0	0	0	0	37	
jfreechart	1.0.9	559	1780	9	0.006	0.358	0	0	0	0	0	
jfreechart	1.0.10	565	1788	9	0.006	0.362	0	0	0	0	0	
jfreechart	1.0.11	580	1865	9	0.006	0.36	0	0	0	0	0	
jfreechart	1.0.12	582	1869	9	0.006	0.364	0	0	0	0	0	
jfreechart	1.0.13	1018	2892	10	0.003	0.233	0	0	0	0	0	
jfreechart	1.0.14	616	1963	9	0.005	0.354	0	0	0	0	0	

- To perform simulation click on the appropriate button:



- You can also store the results in a local serialized file



- Or save metrics a class level in a local .csv file

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		-	Load Project
Vew	Deleted Edges		Load Simulation Results
	0		Save Class Level Metrics to Local File
	0	2.02	Save class cever metrics to cocarrie
	1	X	Simulation Options
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