Impact and Feature Analysis Lab (SB5-MAI)

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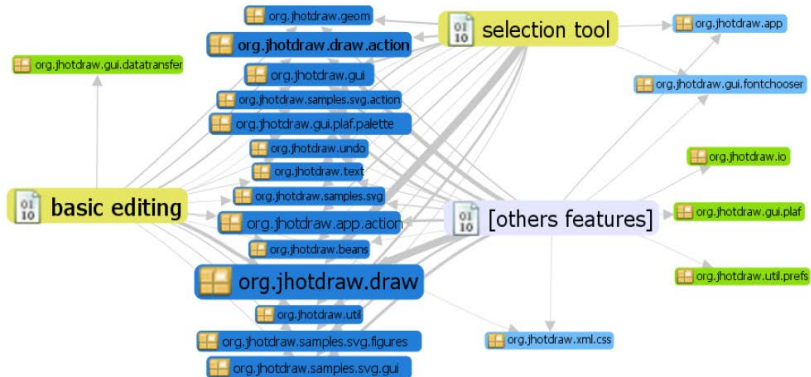
Feature-Code Exercise

- Use Feature-code **correlation graph** and feature-code **correlation grid** to illustrate detailed investigations of the correspondences between source code units and the features of your change request.

Feature-Code Correlation Grid

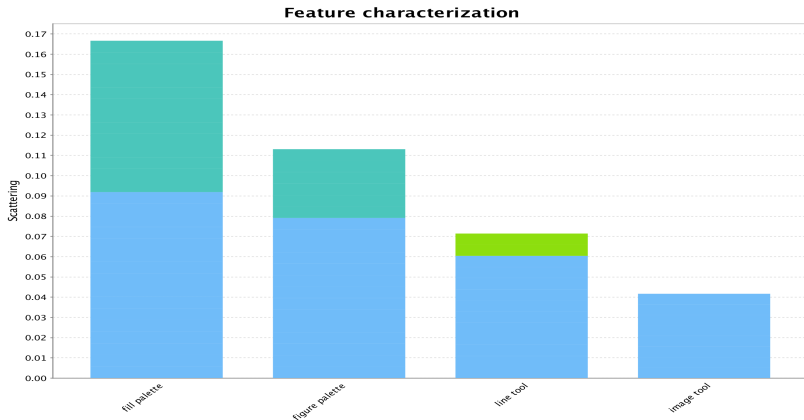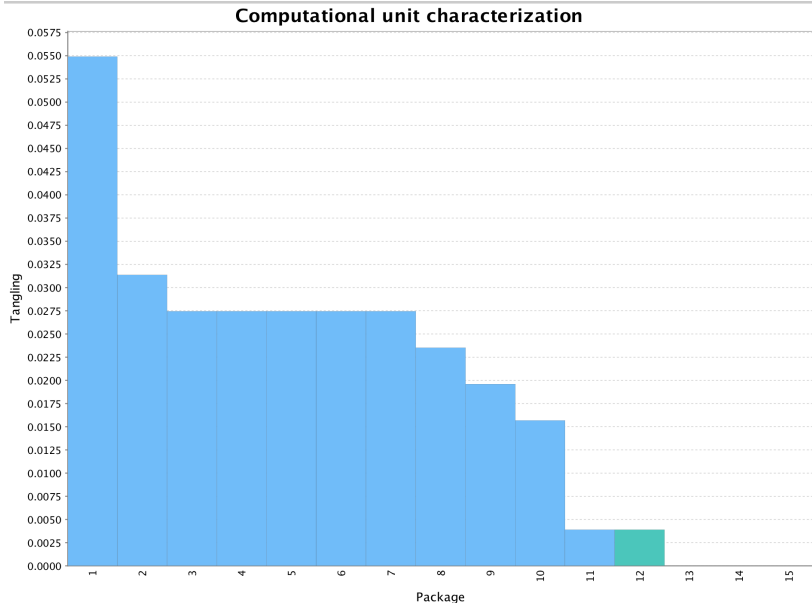|	parameters	save image	import data
persistence.SavePngImageAction		1	
dataimportcsv.ImportCSVAction			
dataimportcsv.DataImportCSV			
persistence.DimStackImageFileF...		*4	
parameters.api.ParametersUtils	5		
parameters.ParametersController	*6, *7		
app.NDVis	8	8	
io.FileUtils			
image.ImagePanel	9, 10	10	
parameters.api.Parameters	11, 12		
model.DataInfo	13		
dbutils.DatabaseUtilities			

Feature-Package Correlation Graph

Feature-Code Characterization Exercise

- ▸ Use Featureous Feature-Code Characterization View to illustrate Scattering and Tangling of each feature that is involved in your Change Request before and after your change.

Feature-Code Characterization

Feature-Code Characterization

Computational unit characterization

Feature Relations Characterization Exercise

- ▶ Use Featureous Feature Relations Characterization view to relate your change request features to each other with respect to how they depend on the objects created by other features and how they exchange data by sharing these objects with one another.

Feature Relations Characterization