

# ArgoUML

# Recommendations for tracing

- As with other GUI applications, a good way of finding which class implements which functionality is by text searching the labels used in the GUI, e.g. “Open project...”
- If looking for the place where a setting is checked, it might be easier to find the place where it is set and then look for usages of the field.

# Properties panels

- The properties panel is one of the tabs at the bottom of the screen when selecting an element in a diagram
- These panels are dynamically generated, so you won't find a single class that manages the properties panel for a Package in the class diagram, for example.
- The panels are generated by reading the metamodel from `src/argouml-core-umlpropertypanels/src/org/argouml/core/propertypanels/model/metamodel.xml` (`org.argouml.core.propertypanels.model.MetaDataCache`)
- See for example the “Package” element. It has “name” and “namespace” properties in the xml, and these properties show up in the properties panel when you select a package in a class diagram

# Properties panels 2

- The metamodel is read in class  
`org.argouml.core.propertypanels.model.MetaDataCache`
- `org.argouml.core.propertypanels.ui.XMLPropPanelFactory#createPropPanel` starts the creation of a properties panel for a model class, e.g. Class, Package...
- `org.argouml.core.propertypanels.ui.SwingUIFactory#createControl` creates a GUI element for each property, e.g. a text entry for a text property or a radio group for an options property...

# Running

1. Download and extract <link>
2. In IntelliJ, import from existing sources and select “argouml” folder extracted in previous step
3. Make sure everything is checked in each step and just click next
4. Go to File > Project Structure... And set language level to 6
5. Go to Run > Edit configurations...
6. Click the + icon in the top left and select “JAR application”
7. In “Path to JAR” enter the path to **src/argouml-build/build/argouml.jar** inside the project folder
8. You can use this configuration to run or debug the program. Try setting a breakpoint in *org.argouml.application.Main#main* to confirm that the debugger stops there as soon as you run the application