

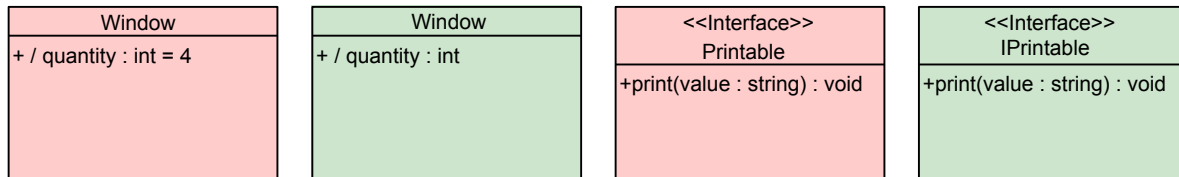
A Tool for Checking Correctness of Design Diagrams in UML

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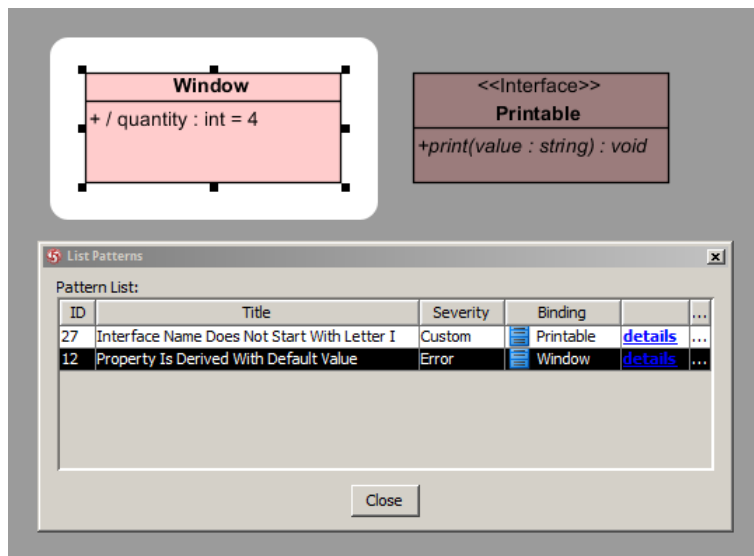
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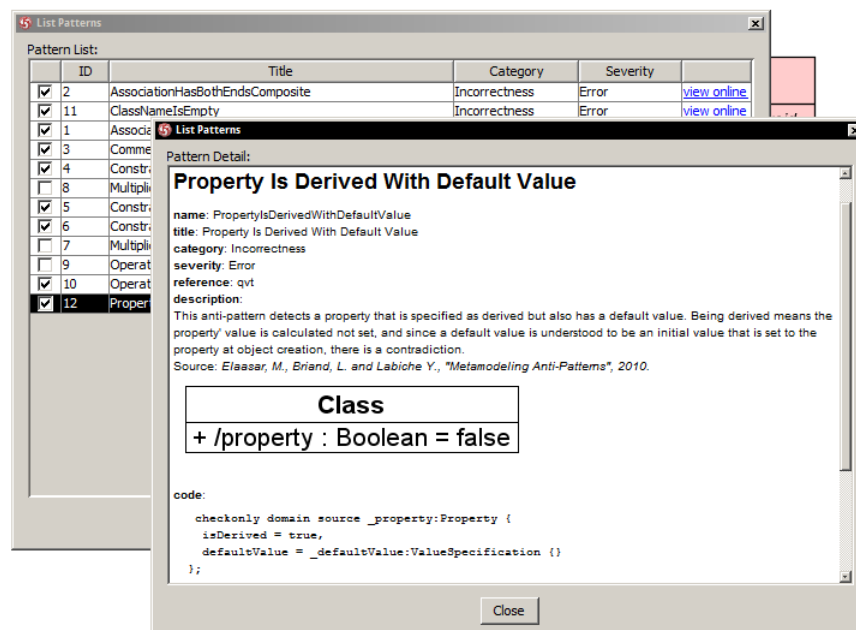
1. Incorrect and Correcnt UML



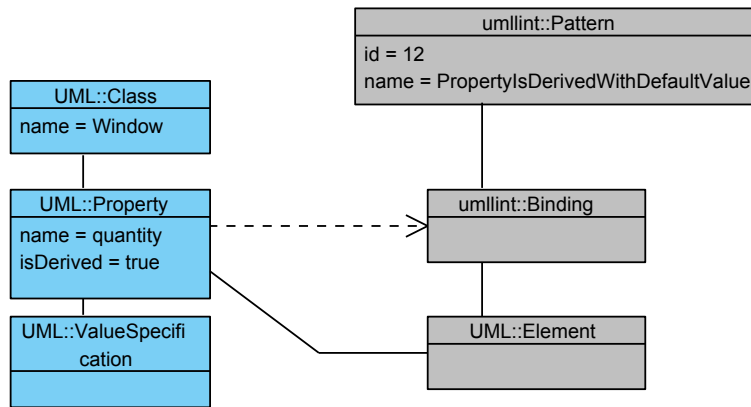
2. Visual Paradigm plugin



3. Visual Paradigm plugin - Pattern database



2. UML to umllint model Transformation

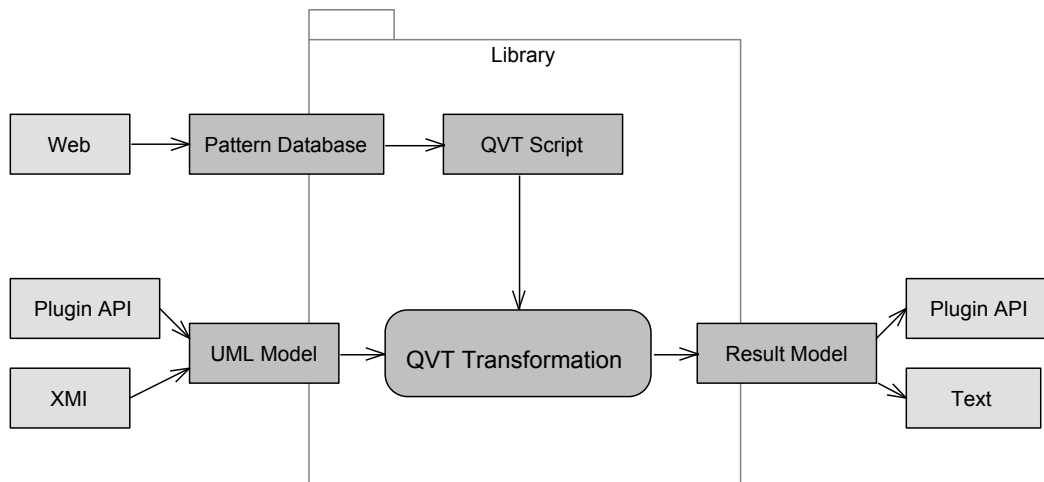


3. Example of Query/View/Transformation Relations language

```
checkonly domain source _property:Property {
  isDerived = true,
  defaultValue = _defaultValue:ValueSpecification {}
};

enforce domain target _pattern : umllint::Pattern {
  id = '12',
  name = 'PropertyIsDerivedWithDefaultValue',
  binding = _binding1 : umllint::Binding {
    name = _property.name,
    element = _property
  }
}
```

4. Structure of the tool



Thank you!

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Visit the project at <http://umllint.net>