

```
package family

language FSM {
  syntax "platform:/resource/puzzle.examples.overlap.fsm.metamodel/models/fsm.ecore"

  with fsmaspects.StateMachineAspect
  with fsmaspects.StateAspect
  with fsmaspects.TransitionAspect
  with fsmaspects.TriggerAspect
  with fsmaspects.FinalStateAspect
  with fsmaspects.ExpressionAspect
  with fsmaspects.LiteralAspect
  with fsmaspects.IntegerLitAspect

  exactType FsmMT
}

language Logo {

  syntax "platform:/resource/puzzle.examples.overlap.logo.metamodel/models/logo.ecore"

  with logo.InstructionAspect
  with logo.PrimitiveAspect
  with logo.BackAspect
  with logo.ForwardAspect
  with logo.LeftAspect
  with logo.RightAspect
  with logo.PenDownAspect
  with logo.PenUpAspect

  exactType LogoMT
}

language Flowchart {

  syntax "platform:/resource/puzzle.examples.overlap.flowchart.metamodel/models/flowchart.ecore"

  with flowchart.FlowchartAspect
  with flowchart.NodeAspect
  with flowchart.ArcAspect
  with flowchart.ActionAspect
  with flowchart.StartAspect
  with flowchart.EndAspect
  with flowchart.DecisionAspect

  exactType FlowchartMT
}
```



Puzzle

Team

Compare With

Analyze Family

Extract Reusable Modules



Puzzle Metrics

A Tool for Analyzing Potential Reuse in sets of Domain-Specific Languages

1st Report: Identifying commonalities

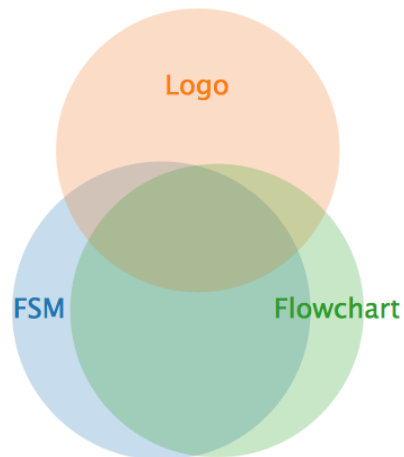


Figure 1.
Syntactic overlapping

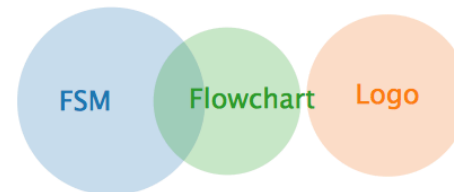


Figure 2.
Semantic overlapping



Puzzle Metrics

A Tool for Analyzing Families of Domain-Specific Languages

4th (b) Report: Family's membership

