

 Arik Hadas
Open University of Israel

In Theory – LOM Improves Modularity

A diagram illustrating the relationship between Java and other technologies. A central grey puzzle piece labeled "Java" is surrounded by several other colored puzzle pieces (blue, yellow, purple, green, red, orange, brown). A bracket on the right side of the diagram groups the surrounding pieces under the label "DSAL".

The diagram illustrates the AOP Composition Framework. It features a large grey rectangle labeled "AOP Composition Framework". Above this rectangle, there are six colored tabs (yellow, green, orange, blue, purple, red) representing different AOPs. A black line points from the right side of the framework to a grey box labeled "Weaver Plugin", indicating its role in the process.

Validation

Our approach leverages DSL and GPAL development tools in easing the development and use of DSALs.

References

- Application-specific language-oriented modularity: A case study of the oVirt project. In MASS'16.
- Toward disposable domain-specific aspect languages. In FOAL'16.
- Toward practical language oriented modularity. In LaMOD'16.

Xcutting Problem

LOM Solution

Approach

[illegible]