

TOOLS & TECHNIQUES

DOMAIN-SPECIFIC LANGUAGES (DSLs)

EXTERNALS

*a language that's parsed independently of the
host general purpose language*





csss

Amin language to specific particular domain

INTERNALS

*a particular form of API in a host general
purpose language*





DOMAIN-SPECIFIC LANGUAGES (DSLs)

A mini language to solve specific problems in a particular domain

EXTERNAL DSL

a language that's parsed independently of the host general purpose language

- ▶ Regex
- ▶ CSS

INTERNAL DSL

a particular form of API in a host general purpose language

- ▶ HTTP Server Frameworks
- ▶ Testing Frameworks

PEOPLE FIND DSLS VALUABLE BECAUSE A WELL-DESIGNED DSL CAN BE MUCH EASIER TO PROGRAM WITH THAN A TRADITIONAL LIBRARY.

THIS IMPROVES PROGRAMMER PRODUCTIVITY, WHICH IS ALWAYS VALUABLE.

Domain Specific Languages
Martin Fowler