

source code

DOMAIN
language
definition

.DSL

.SUB

SUBSTANCE
mathematical
content

.STY

STYLE
visual
representation

(interchangeable)

compiler

**optimization
problem**

$$\begin{aligned} \min_{x \in \mathbb{R}^n} & f(x) \\ \text{s.t.} & g(x) = 0 \\ & h(x) \leq 0 \end{aligned}$$

numerical
solver



diagrams