# Dart Kernel Semantics
# (draft)

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The small-step operational semantics of Dart Kernel is given by an abstract machine in the style of the CESK machine. The machine is defined by a single step transition function where each step of the machine starts in a configuration and deterministically gives a next configuration.

# 1   Definitions

## 1.1   Conventions

## 1.2   Domains

## 1.3   Meta-functions

## 1.4   Notations

## 1.5   Configurations for the CESK machine

## 1.6   Environment

## 1.7   Store

## 1.8   Continuations

## 1.9   Values

# 2   Semantics

## 2.1   Expression evaluation

## 2.2   Statement execution