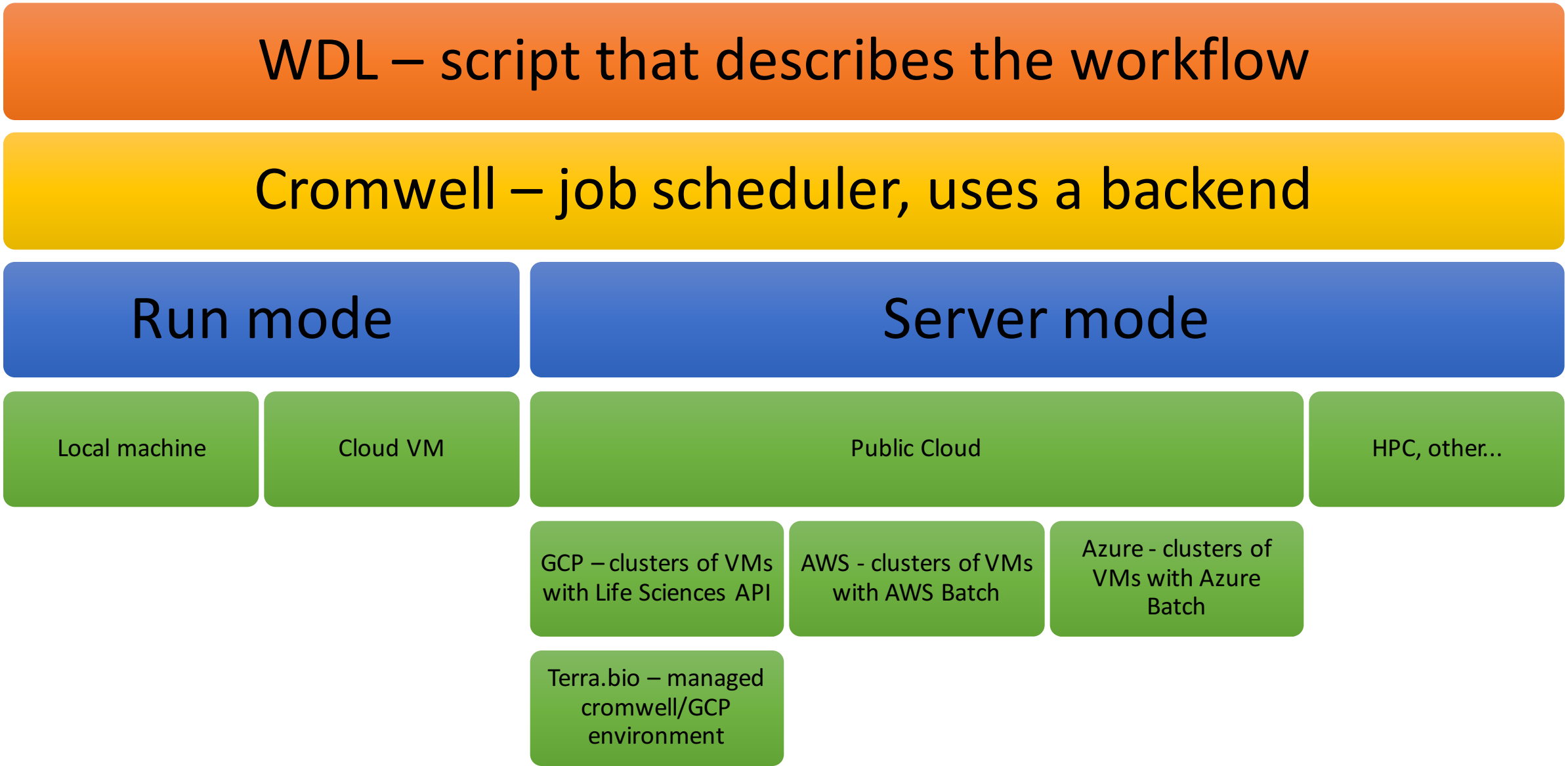
Understanding WDL

@lynnlangit

Understanding WDL Execution Options



Understanding WDL Linting Options

WDL script

cromwell.jar

Run mode

Server mode

GCE VM

Terra.bio on GCP

womtool.jar

FC Methods

Understanding WDL Script Variables

WDL script + cromwell.jar

Run mode

Server mode

GCE VM / womtool.jar

Terra.bio Workflows on GCP

inputs.json

Understanding WDL Script File + Env Variables

WDL script + cromwell.jar

Run mode on GCE VM

Server mode on Terra

inputs.json

inputs.json

local path

remote path

Workspace bucket

Other bucket

Env Var

WDL Script Input File Locations

WDL script + cromwell.jar

Run mode on GCE VM

inputs.json

Local path

gs:// path

Server mode on Terra

inputs.json

Workspace bucket

Other bucket

Data Table

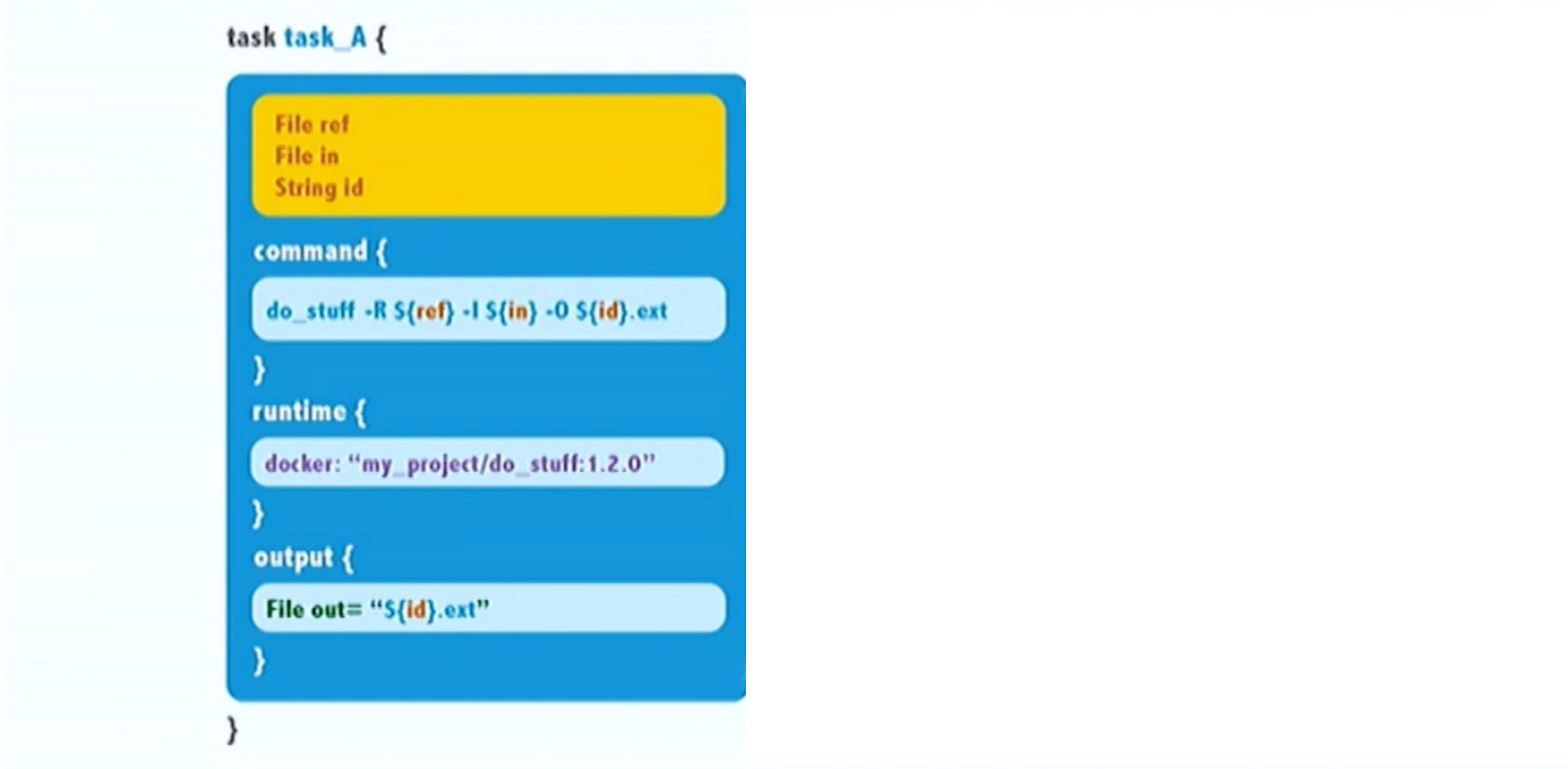
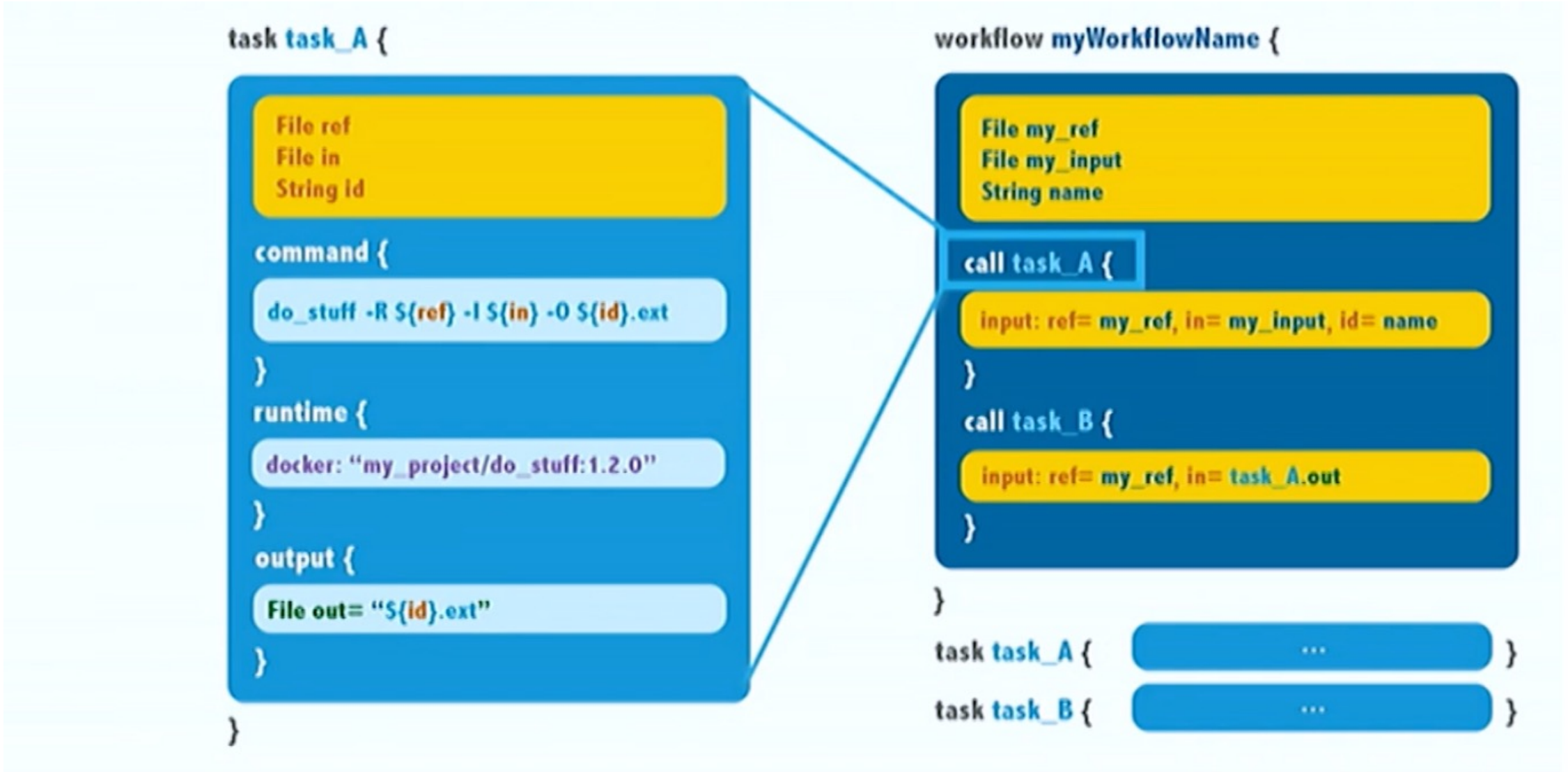
WDL Script Task Aliasing

WDL script + cromwell.jar

Run mode on GCE VM

Alias Task	Import Task	Import & Alias Task	
duplicate	run	run	duplicate

WDL Task Concepts



WDL Task and Workflow Concepts