CLIF is a Load Injection Framework
clif.ow2.org

Architecture of version 2.0.7

1. a Component Framework
2. a Testing Platform
Introduction and graphical conventions

CLIF is based on:

- Fractal component model
- Julia reference implementation of Fractal in Java (see fractal.ow2.org)

on the left:
- external server interfaces
- internal client interfaces

on the right:
- external client interfaces
- internal server interfaces
CLIF is a Load Injection Framework

1. a Component Framework
The initial "CLIF application"

\[ \text{org.ow2.clif.console.lib.ClifApp.fractal} \]
CLIF application with "blades" (probes, injectors)
Possible/typical blade sub-components

(storage-proxy)

- Storage write
- Storage proxy administration

(storage-proxy)

- Data collector administration
- Data collector write
- Storage write

(data-collector)

- Blade insert response
- Storage proxy admin
- Data collector write
- Blade insert control
- Supervisor information

(blade-insert-adapter)

- Blade insert control
- Data collector write
- Blade insert response

(insert)
Injector implementation examples

(`org.ow2.clif.server.lib.Blade.fractal`)
Probe implementation examples
(see sub-packages of org.ow2.clif.probe)
CLIF is a Load Injection Framework

2. a Testing Platform
Launching "CLIF servers"

CLIF server
(Java virtual machine)

registers

CLIF/Fractal registry
Deployment of blades

1. lookup CLIF servers
2. unbind and remove old blades
3. create and bind new blades

org.ow2.clif.deploy.ClifAppFacade.deploy(...)