

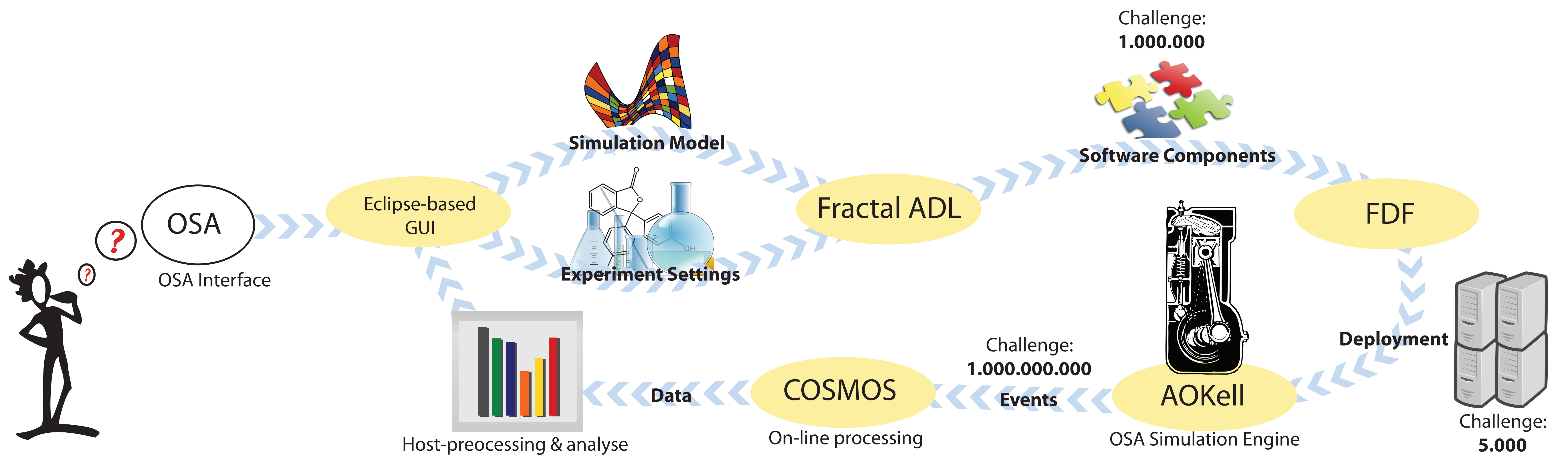
# BROCCOLI PROJECT: DESCRIBING, DEPLOYING, EXECUTING, AND OBSERVING LARGE-SCALE FRACTAL-BASED SOFTWARE ARCHITECTURES

team ADAM  
INRIA

Join team MASCOTTE  
INRIA - I3S - CNRS - UNSA

team ACMES  
TELECOM & Management SudParis

<http://www-sop.inria.fr/mascotte/Contrats/broccoli>  
[broccoli-proj@lists.gforge.inria.fr](mailto:broccoli-proj@lists.gforge.inria.fr)



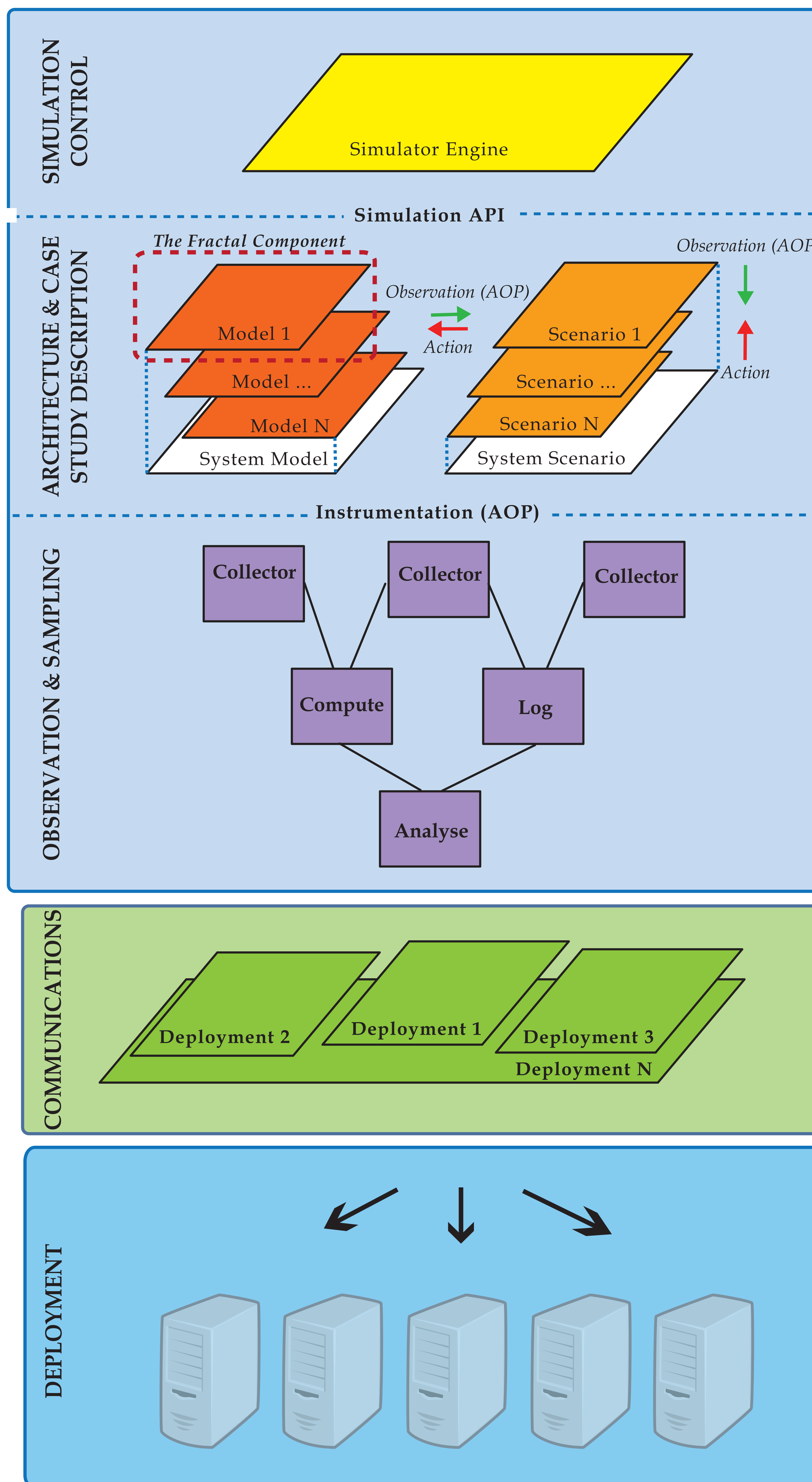
## FRACTAL COMPONENT REPOSITORY (Maven)

OPEN SIMULATION ARCHITECTURE

COSMOS

FRACTAL RMI

FRACTAL DEPLOYMENT FRAMEWORK



Choose a simulation controller that implements the selected simulation API.

Choose a simulation API.

Choose and bind components to:  
- build a system model  
- build scenarios to stimulate the system model  
- build active scenarios to observe and stimulate system model and scenarios

Instrument system model and scenario using aspect-oriented programming.

Choose and bind instrumentation computation, analysis and logging.

Choose and bind deployment configuration to deploy the simulation using Fractal Deployment Framework (FDF).

### RELATED TOOLS & PROJECTS:

Apache Maven Project  
<http://maven.apache.org/>

AspectJ  
<http://www.eclipse.org/aspectj/>

Cosmos  
<http://picoforge.int-evry.fr/projects/cosmos>

Fractal Deployment Framework  
<http://fdf.gforge.inria.fr/>

Open Simulation Architecture  
<http://osa.inria.fr/>

The Fractal Project  
<http://fractal.objectweb.org/>