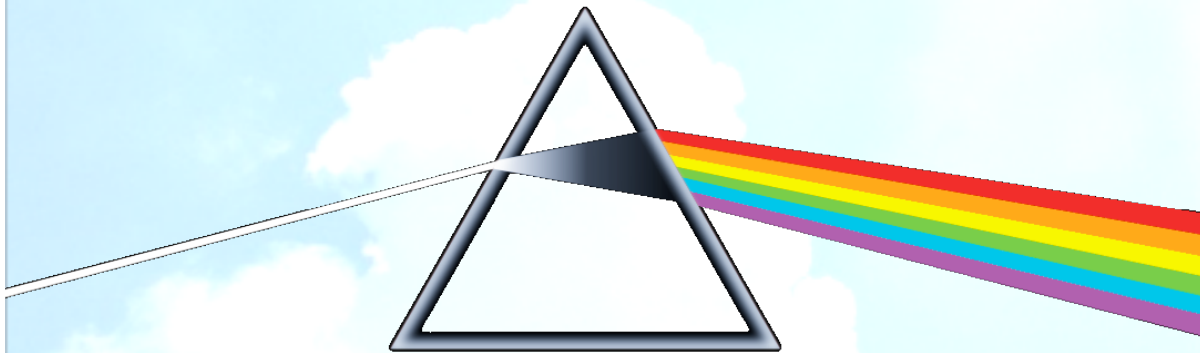




Model Based Cloud Platform Upperware



Define your application once
—
Deploy it at the full spectrum
of the Clouds

The pain

- **Many different Cloud platforms**
 - Heterogeneous
 - API and architecture are not standardized
 - Interdependence between the application and the Cloud platform
 - Lacking support & tools for analysing and porting existing applications
- *Developing once and deploying on many Cloud is not the reality today*
 - Lacking support & tools for deployment and execution without vendor lock-in
 - Missing approach for abstracting technical specific details



PaaSage is

- an open and integrated **platform** to support both design and deployment of Cloud applications
- an accompanying **methodology** that allows model-based development, configuration, optimisation, and deployment of existing and new applications

PaaSage is independent of the existing underlying Cloud infrastructures



Co-funded by
the European Union





Social network

Design-time optimisation loop

PaaSage platform

CAMEL

- Provisioning and deployment requirements
- Scalability rules
- Service-level objectives
- Provider models

Metadata

*Run-time
optimisation loop*

Metadata collection

Execution control

Execution monitoring

Platform
specific
mapping

Execution environments

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European Union



Success stories



Demonstrators soon available (Q3/2016)

e-Gov services, Flight scheduling, Financial services, Professional services, Computer-Aided Engineering, e-Science



Availability:

Open source platform

More on www.PaaSage.eu

Download PaaSage from the OW2 repository:

<http://www.ow2.org/bin/view/ActivitiesDashboard/PaaSage>

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