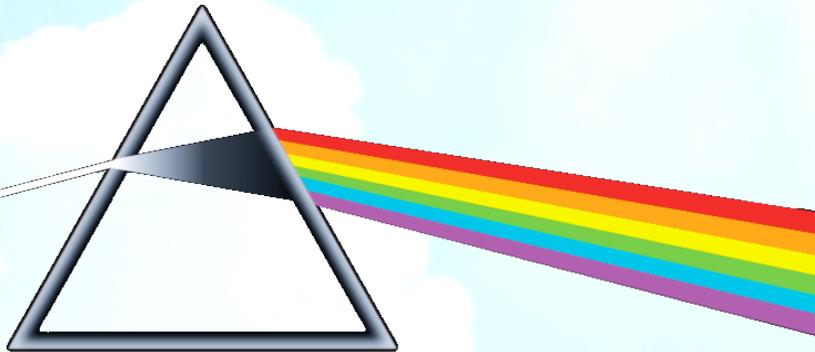




Model Based Cloud Platform Upperware



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



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the European Union



Workflow



Metadata sharing

Social network

Cloud-based application

PaaSage platform

CAMEL

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

Design-time optimisation loop

Profiler

Reasoner

Adapter

Metadata

Run-time optimisation loop

Metadata collection

Execution control

Execution monitoring

Platform specific mapping

Execution environments

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Success stories



Financial Services



Government



Investment Companies



Travel Management



Wholesale & Distribution



Professional Services



Retail



Public Sector



Education & Research



Housing Authorities



Real Estate



Insurance Companies



No-profit Organisations



Healthcare



Utilities

Demonstrators soon available (Q3/2016)

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



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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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