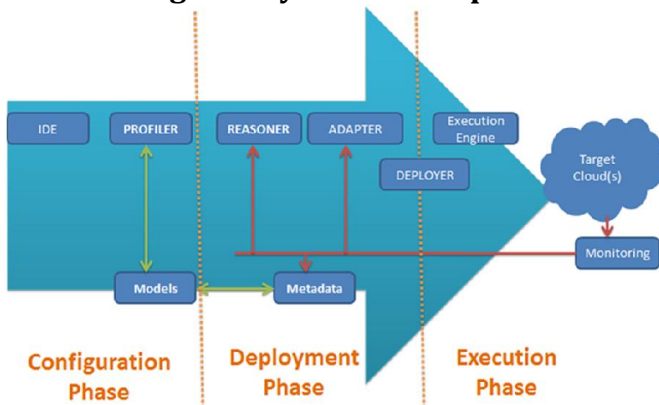# PaaSage

You 've always dreamt of writing your applications once and deploy them many times It has finally come true !

PaaSage delivers an innovative application deployment platform that solves the vendor lock-in paradox and dramatically increases productivity and satisfaction.

- ✓ The PaaSage environment **is open source** and is extensible and modifiable It use the **CAMEL language to model the application** down to its components.
- ✓ It allows for deployment **on multi-cloud platforms** (of any kind)
- ✓ In producing an **optimal solution**, it takes into account the characteristics of available cloud platforms, the data to be used and the **end-user preferences or restrictions** (e.g.price, location, availability,….)
- ✓ It supports cloudbursting (dynamic reallocation of (part of) the application to other clouds
- ✓ The **solution can be modified during deployment and execution**

PaaSage life cycle and components

The configuration phase is concerned largely with characterising as models the application, user, data and available Cloud infrastructure(s).
This configuration is used in the deployment phase to select (Reasoner) target infrastructure(s) that satisfy criteria in the configuration models.
Finally during the execution phase the deployment profile is executed and can be rolled back (adapter) in case of redeployments due to execution errors or changes in infrastructure.

Use cases

Several use cases are supported by PaaSage

- ✓ Flight scheduling : Lufthansa systems
- ✓ ERP : be.wan
- ✓ Financial audit : Ibsac
- ✓ Public sector : EVRY
- ✓ e-Science : AGH

What's next?

The first prototype will be released in October as open source code

Stay tuned !
www.paasage.eu
@paasage

PaaSage - Model-based Cloud Platform Upperware
Project cofunded by the European Union
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Partners and contacts available on our website
www.paasage.eu