

Software Architecture in Cloud Computing

Outline

2 teachers



Phd. Fabien Hermenier
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research interests: cloud computing, virtualisation,
resource management, autonomic computing



Phd. Fabrice Huet
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research interests: middleware for large scale
systems, P2P overlays, data stream analysis

<http://fhermeni.github.io/sacc>

Pitching the course

“This course presents typical software **architectures** devoted to run **scalable** applications in public **PaaS** clouds.

We discuss models to store and access **data** at scale, especially through **NoSQL** approaches. We then present **techniques** and **patterns** to design **native** cloud applications that can **adapt** themselves according to the load.”

“ “ Where we talk about
cloud computing , ,

“ “ Where we talk about
software architectures ” ”

2.a

““ Where we play with



””

2.b

““Where we talk about
data management””

3.a

““ Where you play with
databases ””

3.0

“ “ Where you design a native cloud application ” ”

4

““

Where you will suffer

during the final””

5

You want the ECTS?

European Credit Transfer System

attend the lectures
take notes
ask questions
read papers
revise Java
google for tutorials, help
Read That F***** Manual

I know I speak fast but
this way it's hard to fall
asleep during my classes