CS 401

Prf. Wurst

2/10/2012

FOSS Field Trip

Eucalyptas -

Eucalyptus is an open source cloud computing platform that offers Infrastructure as a Service (IaaS). This is differentiated to other cloud platforms in that the cloud cluster is an internal resource. Eucalyptus is API compatible with Amazon EC2 and S3, allowing to act as an extension of either of these platforms.

The company behind Eucalyptus offers the software (and source code) for free, but also offers paid services. What this allows is a corporate infrastructure behind the OS community helping to improve the software. The benefit of this is a core support group. We have been lucky enough to have contact with several members of this group (it was them that suggested our class help with the project).

Eucalyptus has an active community. From its forums (with nearly 20k posts) to a general IRC channel (#eucalyptus) and a community wiki, there are plenty of resources available. Plus, there are a multitude of articles available for those that wish to delve a bit deeper into how Eucalyptus works.

I would say that this project will be both exciting and quite a challenge. Maybe those two ideas fit well together.