

GridGain – Open Cloud Platform Paper Submission

Title

“GridGain – Open Cloud Platform”

Speaker



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Abstract

The topic of this presentation is about fastest growing open source Java-based Open Cloud Platform called GridGain and how it is ideally suited for emerging native cloud application development.

The presentation starts with a brief introduction to grid computing and cloud computing, followed by a discussion about a synergy between two and the actual use cases.

Further, GridGain and its key features will be reviewed with an emphasis on how these features simplify running grid-enabled applications on the cloud environment. Real-life example of running largest publicly known grid on Amazon using GridGain will be discussed.

Live coding example of creating grid-enabled application with GridGain will demonstrate the “powerful simplicity” of the GridGain features.

Duration

Grid computing introduction slides: 35 minutes

Live coding example: 20 minutes

Conclusion and Q&A: 5 minutes

Total: 1 hour

Language

English

Level

Advanced

About GridGain

GridGain is the fastest growing open source Java Open Cloud Platform. In the first 18 months since the first release in august 2007 GridGain has been downloaded over 35000 times, used by more than 1000 unique projects and grid node with GridGain starts somewhere around the globe every 60 seconds.

GridGain has active production and testing users on all continents and in over several dozen different countries.

Required Experience

Java 5

Basics of AOP

Expected Audience

Audience is expected to include developers, architects and technical managers who are interested in grid computing technology that breaks away from traditional mold and makes Java grid computing fun, simple and productive to use.

We are expecting this talk to be really interesting and popular among the attendees as it includes a live end-to-end demonstration of something that not so long ago would require weeks and months of just configuration and was part of only privileged projects in the government research and large corporate sectors.

Speaker's Profile

Mr. Ivanov has over 15 years of experience in software development and over 7 years of developing grid computing and distributed middleware, a vision and pragmatic view of where development technology is going, and high quality standards in software engineering.

Back in 1996, Mr. Ivanov was one of the pioneers in using Java technology for server side middleware development while working at T-Systems GmbH, one of the largest European System Integrator.

Mr. Ivanov has held various positions architecting and leading software product development for start-up companies and working with well-established companies such as Adaptec, Visa and BEA Systems. Mr. Ivanov is an active member of Java middleware community and is a contributor to Java specifications as a member of JSR-107.

Mr. Ivanov holds a Master's degree in Electro Mechanics from Baltic State Technical University, Saint Petersburg, Russia.

Mr. Ivanov presented on the subject of GridGain at the following conferences:

- JavaZone 07
- JBoss World 08
- Colorado Software Summit 2007
- Silicon Valley Code Camp 2007
- Houston JUG
- Cincinnati JUG
- Seattle JUG
- Vancouver Island JUG
- Tampa JUG
- Utah JUG
- Open Source Grid & Cluster 2008
- Emerging Technologies in Enterprise 2008
- Albuquerque JUG
- Orange County JUG
- Memphis JUG
- Denver JUG & OSUG

Equipment

One power plug for speaker's laptop and available projector.