ApacheFastFeatherTrackNA10

The Fast Feather – will be happening today in Augusta 1 which is our Track 5 (where the Hadoop Track was yesterday).

It is starting at 10:00 AM and it is sponsored by FUSESOURCE.

The presentations are now available to download - FastFeatherTrackTalks.zip

The schedule is:

10:00	Apache Tika End-to-End	Nick Burch
10:20	Evaluation of Excel formulas in Apache POI	Yegor Kozlov
10:40	Open Source Enterprise Search meets Open Source Enterprise CMS	Ingo Renner

13:30	Apache FOO - semantic extensions for content management	Bertrand Delacretaz
13:50	Apache Deltacloud (incubating)	David Lutterkort
14:10	Traffic Server - Do we really need another HTTP proxy server?	Leif Hedstrom
14:30	The Small Cat, Administering Production Tomcat with kitty	Matthew Sacks
14:50	Apache CXF - what's new?	Daniel Kulp
15:10	JSPWiki On A Stick	Siegfried Goeschl

16:00	Make better your IT life with Apache contribution	Kanchana Welagedara
16:20	Involving Students in Open Source	Rory MacDonald
16:40	Enforcing fair utilization of httpd servers	William Rowe

Apache Tika End-to-End

Apache Tika delivers metadata extraction and text extraction across a wide range of file formats. Whether you want some clean, semantically meaningful HTML, plain text for Lucene, or the last author, Tika can give you it all in a consistent and easy manner. In this talk, we'll have a quick overview of Apache Tika, look at a "Hello World" custom Parser, then end with a demo of the power you get when you embed Tika in your application.

Evaluation of Excel formulas in Apache POI

Do you want to evaluate Excel worksheets on server-side? This talk will give you a practical introduction how to do that. We will overview the current state of formula support in POI and will walk-through how to use the evaluation API. Advanced topics cover user-defined functions and peculiarities of Excel arithmetic semantics - the result is not always what you expect.

Open Source Enterprise Search meets Open Source Enterprise CMS

"TYPO3 is an Open Source Enterprise Content Management System very popular in Europe, especially Germany. It's used in mid to large size companies, government, and NGOs. The project has been participating in Google's Summer of Code program two times now. We had have our own search engine built in with the CMS for years, but due to its limitations we have been looking around for something better and eventually found Apache Solr. After one and a half years of development we look back and love more each day.

I'd like to talk about challenges and solutions we have found while integrating Solr."

Apache FOO - semantic extensions for content management

See http://wiki.apache.org/incubator/FOOproposal - Apache FOO (working name) comes out of the EC-funded IKS project, which aims to create RESTful services for semantic content management and extensions.

Apache Deltacloud (incubating)

Cloud computing is still in its infancy, and with many clouds to chose from, writing simple scripts or entire cloud management applications is fraught with the twin perils of vendor lock-in and API incompatibilities. Deltacloud consists of a cloud abstraction API and a cloud management application built on top of that API. The Deltacloud API is a cloud agnostic public REST API, geared towards long-term stability and backwards compatibility. Existing clouds are supported through an ever-growing number of drivers that talk to cloud implementations like Amazon EC2, Rackspace and RHEV-M. This talk will explain the usage of the Deltacloud API, how the API deals with differences in cloud capabilities, how to write applications to that API, how to add drivers for new clouds, and the plans for evolution of the API.

Traffic Server - Do we really need another HTTP proxy server?

"The short answer to the question in the title is obviously ""Yes!"". This presentation will spend the remaining 19 minutes explaining some of the technical design decisions and goals behind Apache Traffic Server, and why we think it's a viable option for many Web applications.

A proxy server presentation is nothing without some competitive comparisons, so we'll give a brief overview of how Traffic Server compares to some popular alternatives. In the end, we hope that the technical merits together with our rich feature set, and of course the awesome Apache Traffic Server community, will persuade the audience to take our software for a spin."

The Small Cat, Administering Production Tomcat with kitty

This talk is about the kitty administration tool, which is geared towards administering production Tomcat installations. The key features of the kitty utility are to provide a common set of functions commonly used when troubleshooting Tomcat in large-installations or high-volume installations.

Apache CXF - what's new?

Apache CXF 2.3.0 was released just a short while ago. This talk will provide a brief insight into the new features present in 2.3.0 and how those features can make you more productive when using CXF.

There will also be a brief look into some of the features that are being worked on for 2.4.0.

Make better your IT life with Apache contribution

"Apache contributions are highly recognized in the world IT.If some one wants to contribute in global software with a global team ,It is the way to go!An individual contribution any of apache projects will be greatly affect in your career advancement.

Apache provides open ,equal and global opportunities Your credibility is your ability How can you start contributing in an apache project ? What is the apache software development infrastructure/methodology ? Do you have to be a technologist to contribute on Apache projects? How would you become in your career? Get fast answers for all these at Fast feathers at ApacheCon"

JSPWiki On A Stick

"As an independent consultant I have to keep track of a lot of information regarding my various projects/clients. I did some investigation about a portable Wiki running on a server and/or USB stick and found nothing suitable

+) small enough for USB stick +) scalable enough for a company wiki +) based on Java

So I created a JSPWiki distribution (Wiki on A Stick) on github with native application launchers (Windows, Mac OS X) where the wiki content is stored a plain test files.

Involving Students in Open Source

GSOC works well for older University students, but requires a fair amount of open source knowledge to start with. What can we do to help get 1st and 2nd year University students involved in Open Source, ready to be the future group of GSOC students?

Enforcing fair utilization of httpd servers

Many sites are concerned with contention and scarce resources, and have resorted to limiting the number of concurrent connections per IP, or throttling the bandwidth. These have the disadvantage of blocking groups of users behind NATs, and consuming an excessive number of request workers as the response bodies are delayed. In partnership with the European Patent Office, this solution developed by William Rowe leverages mod_usage_track to identify individual users' requests over a small sliding window of time, and mod_rewrite to informatively and efficiently deny further use of server resources until that user's activity over time has returned to a fair level.