Advanced Analytics for Extremely Large European Databases

Deliverable D7.2 Initial Press Release

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Jo Dix
jo@2ndquadrant.com
2ndQuadrant Limited

All screenshots were taken between 01:00 and 01:30 on 2nd May 2013
**AXLE improves analytics on Big Data**

Posted on **2013-04-30**

The AXLE Consortium are pleased to announce the start of the AXLE database research project, funded by European Union under FP7 grant, [axleproject.eu](http://axleproject.eu).

The objectives of the AXLE project are to greatly improve the speed and quality of decision making on real-world data sets. AXLE aims to make these improvements generally available through high quality open source implementations via the PostgreSQL database and [Oracle](http://oracle.com) data visualisation and data mining tools.

AXLE project members are:

- Barcelona Supercomputing Centre (BSC)
- Portavita
- University of Manchester
- University of Ljubljana
- Coordinated by 2ndQuadrant

Areas of research will include data analysis algorithms for Big Data, advanced hardware architectures, data visualisation and security. Target environments are real-world data in the 10-100 TB range.

"Real world data needs good security too, so we'll be making sure we have high grade security that works well even with high performance requirements", says Simon Riggs, CTO of 2ndQuadrant and Principal Investigator for the AXLE project. "We're very happy that the European Union has recognised the potential of the PostgreSQL database to provide effective database analytics for a broad range of business, research and public services."

First deliverables from the project will be submitted to PostgreSQL version 9.4, available in 2014 and will continue in later releases.

Project updates will be available regularly [here](http://axleproject.eu) as work continues.
AXLE improves analytics on Big Data

Wednesday, 01 May 2013

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axleproject.eu

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* Barcelona Supercomputing Centre (SC)
EU’s AXLE to drive open source "Big Data" analytics

From http://h-onlne.com/-1654143

Quote:

The European Union is funding a consortium of researchers, academic organisations, and others to come up with ways to improve decision-making speed and quality when it comes to real world data sets. The AXLE Project is being run by the AXLE Consortium - comprising the Barcelona Supercomputing Centre, the University of Manchester, the University of Ljubljana, and Portavita - and is coordinated by PostgreSQL experts 2ndquadrant.

You don’t need to be a genius to debug a pf.conf firewall ruleset, you just need the guts to run tcpdump
Easy Wheezy, Lemon Squeezy

I'm sure you've all been following the news that Debian Wheezy will be released in the next few weeks (ok, maybe not). This is the newest distribution of Debian Linux and the upcoming version of Ribley Accelerator will use it as the basis of its virtual appliance.

Read More | Posted: April 30, 2013 | By: Wissen Schwamm

AXLE Improves analytics on Big Data

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BeyondSL markets SES Broadband to consumers in the UK

Luxembourg, April 30, 2013 - SES (NYSE Euronext Paris and Luxembourg Stock Exchange: SES) ("SES") today announced that BeyondSL, a newly formed Luxembourg company, will market SES Broadband to consumers in the UK...
EU's AXLE to drive open source "Big Data" analytics

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The funding for the project comes through the EU's FP7 programme for research and innovation investment. The plan is for the project to deliver a range of advanced analytical techniques for big data, with research into advanced hardware architectures, data visualisation and security. "We're very happy that the European Union has recognised the potential of the PostgreSQL database to provide effective database analytics for a broad range of business, research and public services," said Simon Riggs, CTO of 2ndQuadrant.

The research will be manifested as open sourced implementations in the PostgreSQL database and Orange data visualisation tools. The project aims to work with real-world data sets in the range of 10-100TB. The intention is to submit the project's first deliverables for inclusion in PostgreSQL 9.4, which is expected to be available in 2014, and to repeat the process in the following years.

(djem)
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EU’s AXLE to drive open source "Big Data" analytics
EU project for better big data analytics will see its innovations baked into PostgreSQL and Orage data visualisation tools.

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D7.2 Axle Initial Press Release v1.0
AXLE improves analytics on Big Data (postgresql)

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