

T-D O S E

Technical Dutch Open Source Event (www.t-dose.org)

**25 and 26 October 2008,
Fontys University of Applied Science,
Eindhoven, The Netherlands.**



WWW.T-DOSE.ORG

Table of Contents

Locatie.....	4
Accomodation.....	4
From Trainstation Eindhoven.....	4
By car.....	4
Track 1: Saturday.....	6
GPLv3 compliance: wat zijn de eisen?.....	6
CentOS and the Enterprise Linux market.....	6
Trading with Technology.....	6
Expensive Tulips to the I.T. Arms Race: The history of trading and the emergence of I.T.....	6
What time is it Mr Satellite?.....	7
MathDox: Interactive Mathematical Documents on the Web.....	7
Open Source Monitoring Tool Shootout.....	8
VideoLAN: VLC media player.....	8
Track 2: Saturday.....	9
Code instrumentation with LD_PRELOAD.....	9
MyOwnDB.....	9
Drupal and MySQL-HA Experiences.....	9
Usability Improvements in Drupal 6 and Beyond.....	9
Drupal in grote organisaties.....	10
Track 3: Saturday.....	11
LPI Exams LPIC-1, -2 and -3.....	11
Syllable.....	11
Saturday 25th of October 2008.....	13
Sunday 26th of October 2008.....	14
Track 1: Sunday.....	15
Open Source Virtualization.....	15
Building Open Source BI Solutions with Pentaho and MySQL.....	15
mrepo - Mirroring and building RPM repositories.....	16
Lessons learnt in OpenQRM 4.0.....	16
Monitoring MySQL.....	17
Track 2: Sunday.....	18
Logfs: Efficient data structures.....	18
video4linux user space library.....	18
Rathaxes.....	19
Proxytunnel - Punching holes through the corporate firewall.....	20
Track 3: Sunday.....	21
The first computer & programmers in the Netherlands.....	21
FLOW(er) Power.....	21
42 reasons your Open Source Project might need a NFP.....	21
Giving presentations with your wiimote.....	21

Sponsors.....23

Speakers

- [Dag Wieers](#)
 - [Ywein van den Brande](#)
 - [Raphael Baudin](#)
 - [Bert Boerland](#)
 - [Roland Bouman](#)
 - [Kris Buytaert](#)
 - [Matt Casters](#)
 - [Tom De Cooman](#)
 - [Geerd Dietger Hoffmann](#)
 - [Jörn Engel](#)
 - [Arnoud Engelfriet](#)
 - [Dougal Featherstone](#)
 - [Tim Hemel](#)
 - [Mark Janssen](#)
 - [Ber Kessels](#)
 - [Jan Willem Knopper](#)
 - [Bas de Lange](#)
 - [Ciaran O'Riordan \(FSFE\)](#)
 - [Matt Rechenburg](#)
 - [Jean-Paul Saman](#)
 - [Roy Scholten](#)
 - [Adrien Silvestre](#)
 - [Jan Smout](#)
 - [Chris Tazelaar](#)
 - [Geert Vanderkelen](#)
 - [Onno Zweers](#)
-

Locatie

T-DOSE will be held at the Fontys University of Applied Science in Eindhoven. Its location is right across the Technical University of Eindhoven at the Kennedylaan. The official address of Fontys is Rachelsmolen 1, 5612 AM Eindhoven. Here is a link to [Google maps](#) showing the address. Some location photos have been taken by Bart Cortooms and published on [flickr](#)



Accommodation

Looking for a place to sleep, then check out this link to google maps for accommodation nearby [Google Maps](#) or try [Hotel Sofitel](#).

From Trainstation Eindhoven

If you are by foot follow the Kennedylaan from the trainstation on the left side. The entrance to the Fontys University of Applied Science on the Kennedylaan will be open.

By car

Traveling **from Tilburg** take the A58 until the end (near businesspark Ekkersrijt). Then turn right on the Kennedylaan and drive straight till the first traffic lights. Turn right till first traffic light, then do a U-turn left (180 degree) and use the entrance on the Rachelsmolen on your right. Only on Saturday the entrance on the Kennedylaan will be reachable..

Traveling **'s Hertogenbosch/Utrecht** take the A2 to 'knooppunt Batadorp' near Best and follow the A58 to Eindhoven. Then turn right on the Kennedylaan and drive straight till the first traffic lights. Turn right till first traffic light, then do a U-turn left (180 degree) and use the entrance on the Rachelsmolen on your right.

Only on Saturday the entrance on the Kennedylaan will be reachable.

Traveling **from Venlo/Maastricht** take the A67/A2 till 'knooppunt Leenderheide' (big roudabout just under Eindhoven). Take the traffic lights straight ahead till the next roudabout. Then go straight ahead for 2 more traffic lights and turn right on the big road (2 lanes in each direction). Drive straight ahead till next roudabout. Go straight ahead over it and at the second traffic light you will cross the Kennedylaan. It is not possible to turn left there so drive on the the next first traffic light, then do a U-turn left (180 degree) and use the entrance on the Rachelsmolen on your right.

Track 1: Saturday

GPLv3 compliance: wat zijn de eisen?

Authors: [Arnoud Engelfried](#) and [Ywein van den Brande](#)

Versie 3 van de GNU General Public License (GPL) is minstens twee maal zo lang als versie 2 van de populairste open source licentie. De vele nieuwe bepalingen versterken de vrijheden van gebruikers, maar leggen ook de nodige nieuwe verplichtingen op. Hoe moet je daarmee omgaan als programmeur of distributeur?

In deze sessie bespreken juridisch open source specialisten Ywein Van den Brande en Arnoud Engelfriet de nieuwe eisen van GPL versie 3. Welke broncode moet nu worden meegeleverd, en hoe ver reikt de definitie van "afgeleid werk" tegenwoordig? Speciaal voor ontwikkelaars van embedded software gelden er nog extra eisen, zoals het moeten meeleveren van de code signing key. Hoe moet je daarmee omgaan? En hoe krijg je ontwikkelaars en juristen op dezelfde lijn?

De sessie zal interactief worden opgezet, met ruime gelegenheid voor vragen en discussie.

CentOS and the Enterprise Linux market

Author: [Dag Wieers](#)

Explains what Enterprise Linux really means, introduce the CentOS project and how it relates to Red Hat Enterprise Linux, give an overview of the different Enterprise Linux distributions and give an analysis of the strengths and weaknesses of each.

Trading with Technology.

Author: [Chris Tazelaar](#)

Expensive Tulips to the I.T. Arms Race: The history of trading and the emergence of I.T.

The first modern economy (Holland in the 17th century) was where stock market and derivatives trading first appeared. The financial markets functioned exactly the same way for the next few hundred years. Then technology came along and ruined everything... In this presentation we discuss how I.T. changed an industry where people in funny jackets yelled at each other all day about the price of pork bellies (among other things) into a sort of virtual "Battle-Bots" arena, where I.T.

systems battle it out to execute the best trades every day.

What time is it Mr Satellite?

Author: [Dougal Featherstone](#)

Since roughly a year ago, market makers in Amsterdam dealing on the Frankfurt exchange are unable to make a profit. This is because the prices on which they are making decisions are 3.5 milliseconds old. The speed of light provides a lower bound to round trip latency and means that traders located close to the exchange get the good trades. It is therefore vital for companies such as Optiver to measure their latency to determine how to reduce it.

In this presentation we describe our research into highly accurate network timing techniques and explain various methods for obtaining Universal Coordinated Time. Some features of cesium fountain clocks and the problems of relativity are discussed. The merits of existing and future time protocols (ntp, ptp and irig) re explored and some experimental findings presented.

[MathDox: Interactive Mathematical Documents on the Web](#)

Author: [Jan Willem Knopper](#)

Mathematical documents are documents with mathematical formulas. These become interactive when the content changes depending on the input of the user. An example of an interactive mathematical document is a step by step calculation of the greatest common divisor of two numbers (or polynomials) entered by the

viewer. Another example is an exercise, which evaluates the answer and also gives hints for common mistakes or partial correct answers. To make a mathematical document interactive it is necessary to be able to input and store mathematical expressions and communicate them with a Computer Algebra System.

To implement interactive mathematical documents for the web, one has to solve several steps. First mathematical formulas have to be displayed. But if the page should be really interactive, then it is also necessary to know the semantics of the formulas, that is what the formulas mean. OpenMath and MathML Content are XML based languages to describe mathematics semantically. To input mathematics in such a format a special editor is required. To do calculations with mathematics it is required to communicate with a Computer Algebra System.

In this talk it will be described how these problems are solved in the MathDox software (LGPL, see <http://mathdox.org/player/>). After that some examples of interactive mathematical documents and interactive exercises will be shown.

Open Source Monitoring Tool Shootout

Author: Tom de Cooman

Do you want lightweight, or feature full, how far do you want to go with your monitoring, just on OS level, or do you want to dig into your applications, do you want to know how many query per seconds your MySQL database is serving, or do you want to know about the internal state of your Jboss , or be triggered if the OOM killer will start working soon.

This presentation will guide the audience through the different alternatives , based on our experiences in the field. We will be looking both at alerting and trending and how easy or difficult it is to deploy such an environment.

Monitoring the Network, vs Monitoring Applications, or both ?

Tools discussed: Nagios, Zabbix, Zenoss, Hyperic

VideoLAN: VLC media player

Author: Jean-Paul Saman

The [VideoLAN project](#) developes a complete Open Source multimedia playing and streaming solution for multiple platforms. Its main product VLC media player is available on Linux (Debian, OpenSuSE, Fedora, Ubuntu, RHEL, Mandriva, ALTLinux, ArchLinux, etc), MacOS X, *BSD (OpenBSD, NetBSD, FreeBSD), Solaris, Windows (2000/2003/XP/Vista).

The VLC media player is a highly portable multimedia player for various audio and video formats (MPEG-1, MPEG-2, MPEG-4, DivX, mp3, ogg, ...) as well as DVDs, VCDs, and various streaming protocols (UDP, RTP, RTSP, MMS, etc). It can also be used as a server to stream in unicast or multicast in IPv4 or IPv6 on a high-bandwidth network. During this talk the user interface, commandline and building your first VLC module will be discussed.

Track 2: Saturday

Code instrumentation with LD_PRELOAD

Author: [Jan Smout](#)

Ever built a binary that showed wrong behaviour that you couldn't pinpoint despite various testing, logging, and tracing? Ever had to deal with a 3rd party binary library (without source) that needed a bit of tweaking? Have you never experienced these issues, but are you afraid that you might do so in the future?

No need to worry on an average Linux system, as it has the necessary tools available to tackle these problems. The dynamic linker/loader (ld-linux.so) has the capability to instrument your application. All you have to do is write your instrumentation code, put it in a shared library and restart your application using LD_PRELOAD.

Jan Smout explains how the dynamic linker/loader is involved, where LD_PRELOAD fits into this picture and shows which pitfalls to avoid. He will guide you through the possibilities with real-life examples. Visit this presentation to learn how to effectively use this mechanism for your benefit!

MyOwnDB

Author: [Raphael Bauduin](#)

Myowndb was launched early 2006 as one of the first Web databases exploiting Ajax to present its users with an easy to use interface. The software is based on Ruby on Rails and Postgresql, and is developed by Free and Open Source Software developers, who released the MyOwnDb.com engine under the AGPLv3 at edomenon.org. This session will introduce you to the software, show how it was developed with flexibility and extensibility in mind and how easy it is to adapt it to your own needs.

Drupal and MySQL-HA Experiences

Author: [Kris Buytaert](#)

Usability Improvements in Drupal 6 and Beyond

Author: [Roy Scholten](#)

Drupal in grote organisaties

Author: [Ber Kessels](#)

Track 3: Saturday

Developing open source software as an external consultant

Author: [Mark Hooijkaas](#)

In this talk I will describe two pieces of open source software that I developed while working as an external consultant for two different clients. I will also present my situation and motivation for choosing open source, my approach and experiences so far. Note: both projects are currently not publically known or available.

The first piece of open source software I developed was a java library called db4j, and was used as object relational mapping for Java. Nowadays I would probably use hibernate, but some years ago, hibernate was not really an option. This library has been in use in an important order fulfillment application of a large Telecom operator. I have the pleasure of revisiting the application after 3 years since I left, and to see it still as vibrant as ever.

The second piece of open source software is a Java module called the RelayConnector for a commercial ESB and BPM product called Cordys. The RelayConnector started as an itch a few months ago, and has since been used in unexpected manners in several related projects. I have some ideas to extend it's functionality in new directions including the HttpConnector, EsbConnector and As400Connector.

Practical Typesetting

Author: [Geert-Dietger Hoffmann](#)

Practical typesetting is about different tex styles. See this pdf <http://students.dec.bmth.ac.uk/ebarrett/papers/eurobsdcon2008/slides/ebs...>

LPI Exams LPIC-1, -2 and -3

The Linux Professional Institute (LPI), (<http://www.lpi.org>), the world's premier Linux* certification organization, will offer discounted certification exams to attendees of the T-DOSE conference at october 25, 2008 at Eindhoven, the Netherlands.

The start time for the LPI exam session at the conference is at 14:30. Exams will be in English and include the certifications LPIC-1, -2 and LPIC-3 (LPI exams 101/102/201/202/302). The exams will be offered at a 50% discount at 70,-

EUR, LPI 301 at 90,- EUR. All exam candidates are asked to obtain an LPI ID at http://www.lpi.org/en/lpi/english/certification/register_nowand pre-register for the exam lab at <http://lpievent.lpice.eu>

Exam candidates need to bring valid photo identification, their LPI-ID number and the money in cash to the exam labs. For any questions about LPI exams please write to this e-mail adress: lpievent_at_lpice.eu. More information about LPI at the websites: www.lpi.org and www.lpice.eu

About Linux Professional Institute:

The Linux Professional Institute is globally supported by the IT industry, enterprise and professionals and within government and the educational community. LPI's certification program is delivered worldwide in multiple languages at over 7,000 testing locations and is supported by an affiliate network spanning five continents. Since the programs inception, LPI has delivered over 180,000 exams and 56,000 LPIC certifications around the world. The Linux Professional Institute promotes and certifies essential skills on Linux and Open Source technologies through the global delivery of comprehensive, top quality, vendor-independent exams. Established as an international non-profit organization in 1999 by the Linux community, the Linux Professional Institute continues to demonstrate recognized global leadership in the certification of Linux professionals while advancing the Linux and Open Source movement through strategic partners, sponsorships, innovative programs and community development activities. LPI's major financial sponsors are Platinum Sponsors IBM, Linux Journal, Linux Magazine, Novell, SGI, and TurboLinux as well as Gold Sponsors, Hewlett-Packard and IDG.

* Linux is a registered trademark of Linus Torvalds.

Syllable

Author: Bas de Lange

In his presentation at T-DOSE Bas will talk about the Syllable Server version, and why it uses the Linux kernel with Syllable Desktop being ported on top of it. Does this redefine Linux? Also, the Genode operating system framework with true capabilities and unique resource management, leading to exceptional security and reliability, will be highlighted.

Saturday 25th of October 2008

Time	Track 1	Track 2	Track 3	Other
10:00	Ywein van den Brande & Arnoud Engelfried GPLv3 compliance: what are the demands?			
11:00	Dag Wieers CentOS and the Enterprise Linux market	Jan Smout (sponsored talk) Code instrumentation with LD_PRELOAD	Mark Hooijkaas Developing open source software as an external consultant	
12:00	Chris Tazelaar Dougal Featherstone Trading with Technology.	Raphael Bauduin MyOwnDB	Geert-Dietger Hoffmann Practical Typesetting	
13:00	Pauze			
14:00	Jan Willem Knopper MathDox: Interactive Mathematical Documents on the Web	Kris Buytaert Drupal and MySQL-HA Experiences	LPI Exams LPIC-1, -2 and -3 Pre-registration here	
15:00	Tom de Cooman Open Source Monitoring Tool Shootout	Roy Scholten Usability Improvements in Drupal 6 and Beyond!	LPI Exams LPIC-1, -2 and -3 Pre-registration here	
16:00	Jean-Paul Saman VideoLAN: VLC media player	Ber Kessels Drupal in grote organisaties	Bas de Lange Syllable	
17:00	Cleanup			
18:00	Social Event			

Sunday 26th of October 2008

Time	Track 1	Track 2	Track 3	Other
10:00	Ciaran O'Riordan , FSFE Dangers of DRM and software patents			
11:00	Kris Buytaert Open Source Virtualization	Jörn Engel Logfs: Efficient data structures	Onno Zweers The first computer & programmers in the Netherlands	
12:00	Matt Casters Roland Bouman Building Open Source BI Solutions with Pentaho and MySQL		Tim Hemel FLOW(er) Power	
13:00	Pauze			
14:00	Dag Wieers mrepo - Mirroring and building RPM repositories	Matt Casters Pentaho Open Source Business Intelligence overview	Bert Boerland 42 reasons your Open Source Project might need a NFP	
15:00	Matthias Rechenburg Lessons learnt in OpenQRM 4.0	Adrien Silvestre Rathaxes	Geert-Dietger Hoffmann Giving presentations with your wiimote	
16:00	Geert Vanderkelen Monitoring MySQL	Mark Janssens Proxytunnel - Punching holes through the corporate firewall	Roland Bouman MySQL 5.1 Plugins	
17:00	Cleanup			
18:00	Close			

Track 1: Sunday

Open Source Virtualization

Author: [Kris Buytaert](#)

Virtualization has been hyped for the past 9 to 18 months, different open source alternatives exist. For one the first times in tech history, open source has been leading the pack. Innovation happens in Open Source. This talk will guide you through the different Open Source Virtualization alternatives, from Xen to KVM, from Bochs to Virtualbox, and lots of other tools.

Building Open Source BI Solutions with Pentaho and MySQL

Authors: [Matt Casters \(Chief Data Integration, Pentaho\)](#), [Roland Bouman \(Curriculum Developer, Sun Microsystems\)](#)

Datawarehousing and Business Intelligence are areas of ICT that have been associated with large corporate companies, such as banks, retailers and insurance companies. However, several recent developments indicate that the scope of Business Intelligence and Datawarehousing is increasing.

Most notably, the usage of the internet has increased the need for BI and DWH in areas where it was unknown and unused: - Analysis of web traffic can lead to better insight in marketing opportunities and improvement of websites -Typical web and web 2.0 companies have large data sets that can only be efficiently stored stored and analyzed using techniques and methodologies used in business intelligence and data warehousing - Efficient management of internet advertising (for example using google ads) can be better achieved using DWH's and BI.

Another important factor is the ongoing commoditization of the software required for Business Intelligence and Data Warehousing. Most notably, the free and open software world has produced a number of products that are a viable alternative to and can compete with proprietary offerings at a substantial lower cost:

- Open source databases (MySQL, PostgreSQL) - Open source BI Stacks (Pentaho, Jasper) - Open source application servers (Tomcat, JBoss, Glassfish)

In this presentation will provide a brief, to the point overview of BI and Datawarehousing and demonstrate how an effective but simple Datawarehouse can be built using only Free and Open Source software.

mrepo - Mirroring and building RPM repositories

Author: Dag Wieers

Dag Wieers holds the very first presentation about a tool he started 6 years ago that is able to synchronise RPM repositories, even from RHN (Red Hat Enterprise Linux) and YOU (YaST Online Update) repositories on a single server for different architectures and versions. Since it simplifies maintenance cross-distribution and can be used for managing repositories, reporting updates or providing updated network installation media. It is used internally by companies, including HP, SGI and many others.

Lessons learnt in OpenQRM 4.0

Author: Matthias Rechenburg (matteverywhere@googlemail.com)

Copyright (C) 2008 Matthias Rechenburg
This document is released under the GNU/GPL

Lessons learnt, openQRM moved to from Java to PHP

The openQRM data-center management platform is known to be a swiss-army knife when it comes to consolidate physical and virtual server management, rapid-deployment, storage-management, monitoring and high-availability within a single management console.

Since the last version 3.5 from Qlusters and the release of the project to the open-source community the openQRM-Team worked full steam ahead to design and implement all the feature requests and suggestions it got from the community over the last 2 years and to come up with a brand-new and completely re-written version of openQRM starting with 4.0. One of the major updates is the move from Java to PHP which makes it a lot easier to work on and with openQRM.

The re-write of openQRM in PHP focus on simplicity, meaning keeping "things" simple and generic which helps to archive a better support for the multiple, existing Linux distributions. Because of all the difficulties to get the "old" openQRM versions working on Debian or Ubuntu systems the openQRM-Team now selected Debian and Ubuntu as the major development distribution for the "next-generation" of openQRM.

A huge code review and clean-up combined with an enhanced build- and package management which now automatically solves package-dependencies and uses existing components instead of providing own libraries and binaries helped to reduce the size of the source-code base to a minimum. Less code simply means less bugs.

To conform the openQRM-backend a database-abstraction layer now adds

supports for multiple database types (MySQL, Oracle, DB2 and Postgres). Also The plugin-management within openQRM was fully re-developed. It is now more than easy to enable or disable openQRM-plugin via the graphical user-interface. Last but not least the installation procedure in the new version of openQRM is now fully transparent and the server initializes itself during the first startup.

With the new framework based on PHP the openQRM-Team now fully concentrates on the further roadmap of the project by implementing more additional functionality via openQRM-plugins which will be especially focused on virtualization- and storage-management.

This presentation deals with a detailed overview and demonstration about the “next generation” of openQRM. It covers the steps of re-writing and porting openQRM from Java to PHP, points out the current status plus its major features and gives informations about focus and roadmap of the project.

Monitoring MySQL

Author: Geert Vanderkelen

Monitoring MySQL has a long history within Nagios. Several plugins are available already. In addition to that, there are probably lots of plugins that have been developed by the community. We take a look at some of these and discuss what kind of additional useful information could be pulled out of a MySQL Server for monitoring it even better. A simple example on how to write such plugins will be shown, also using NDB API for monitoring MySQL Cluster. Now that MySQL Enterprise Monitor (MEM) is available, we'll go through the possibilities for combining the two platforms. We will also discuss the NDOUtils for storing configuration and event data using MySQL.

This talk starts with a brief overview of MySQL itself: some history, where it's heading too, and why it is so successful.

Track 2: Sunday

[Logfs: Efficient data structures](#)

Author: [Jörn Engel](#)

This presentation will examine various data structures used by the Linux kernel, including linked lists, hash tables and several tree structures. Focus is on memory consumption and cache misses. Two data structures will be pointed out that, according to the author, are a poor choice, in spite of being widely used. While focusing on the Linux kernel, most of this presentation should apply equally well to other software, both userspace and kernelspace.

Pentaho Open Source Business Intelligence overview

Author: [Matt Casters](#)

[Rathaxes](#)

Author: [Adrien Silvestre](#)

Rathaxes is an open source mutli-os driver generator. Through a simple descriptive language we are aiming to ease, accelerate and improve the quality of driver code development. We work in collaboration with the LSE (EPITA/EPITECH system and security lab). Curently our compiler can generate code for three different operating systems, OpenBSD, linux and windows.

Our work is based on a thesis by a french doctor Laurent Reveillere, who lit the way by generating the lower layer of Ethernet drivers. During the conference we will present rathaxes' usability in the industry and research, and how Rathaxes eases the work of driver developer. We'll have a short didactic introduction about a device driver's anatomy and the different semantics associated with it that we had to isolate in order to develop the language. In a second time we will describe our DSL, its components and the simplicity of it for the description of a driver. Then we'll describe the compiler used to translate rathaxes code into c code for the targeted system.

Finally a short demonstration will show some generated code samples.

[Proxytunnel - Punching holes through the corporate firewall](#)

Author: [Mark Janssen](#)

Explain how proxies work and how proxytunnel takes abuse of them. Show

different scenarios where proxytunnel can be useful and present a new method we called "proxy bouncing" to break through any SSL-capable proxy.

Track 3: Sunday

[The first computer & programmers in the Netherlands](#)

Author: [Onno Zweers](#)

In 1953, at the Shell lab in Amsterdam, the first electronic calculator was taken into production in the Netherlands. Shell's new computer was called Miracle, and it was not just an invention; it was a collection of several inventions. To name a few: RAM memory, magnetic memory, electronic printers, instruction sets, monitors. In this presentation, Onno Zweers, who's mother was one of the programmers of the Miracle, will demonstrate the genius that had gone into the machine, partly from the hands and brains of the legendary Alan Turing. While the first computers like the Miracle were revolutions, the later hardware development were more gradual evolutions. The architecture of these first computers was remarkably like today's computers; however, software development had not started yet. The first programmers did not even have assembly language, so they had to become very familiar with the binary numeral system; they also had to type their machine code onto a paper tape.

[FLOW\(er\) Power](#)

Author: [Tim Hemel](#)

In this talk, Tim Hemel will talk about the famous productivity method Getting Things Done (GTD), the underlying principles (why it works) and how we can use some of these principles in both writing software and creating user interfaces that support the job that the program needs to do. Tim would also like to show a tool that he has written to support the GTD process and that is text-based, and therefore geek-friendly. He hopes to release this tool at T-DOSE.

[42 reasons your Open Source Project might need a NFP](#)

Author: [Bert Boerland](#)

Lessons learned on when and how to start a Not For Profit.

[Giving presentations with your wiimote](#)

Author: [Geert-Dietger Hoffmann](#)

Geert and Dag are working on a software project that will take advantage of all the capabilities of your wiimote to use it as a presentation device that is perfect for mainstream use. The software is not finished yet, but even if it does not

arrive by T-DOSE we can already demonstrate some unique features now.

MySQL 5.1 Plugins

Author: [Roland Bouman](#)

Sponsors

T-DOSE 2008 is sponsored by:



CityTV.nl
Live Internet Broadcast

[Systemhouse Mobach bv](#)

[NLUUG](#)
