Party Information Framework

TYPO3 Development Days

Dietikon (Switzerland), 27 April 2007

Agenda

- What is this all about
- The Past
- The Present
- The Future
- Thanks and Ressources

Introduction

- Personal (name, age, etc.)
- Professional (employer, role, etc.)
- TYPO3 experience
- Interest in the Party Information Framework

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About me

- David Brühlmeier, 32
- Living in Switzerland (Düdingen/FR), Married
- Working for SAP in Consulting (Corebanking)
- TYPO3 is my hobby
- First partner-extension as diploma thesis

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Basics

- Party = Person or Organisation

- Framework to handle party-related data (e.g. names, addresses, email-addresses, etc.)

- Vision: Become *the* way of handling party-related data (i.e. replace `tt_address` and integrate as many similar extensions as possible)

- How can this be useful to me? http://wiki.typo3.org/index.php/ Party_Information_Framework_Scenario

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Values of the Party Information Framework

- **Quality**
  Unit-Testing, publish early and often, strictly adhere to CGL

- **Versatility**
  Flexible enough to suit the needs of all extensions in need of party-related data

- **Sustainability**
  Written an maintained by a team, not a one-man show

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What has happened so far?

- Kick-Off at T3DD (11 August 2006)

- Commercial Project (Robert Lemke) did not happen

- In mid January 2007, decision to go forward independently

- Talks with OASIS CIQ TC chairman Ram Kumar, Dave joined TC as observer

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Interested Teams

- TYPO3 5.0
  Central component to handle party-related data

- Web Empowered Church
  Integral part of the new Church Management System

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Status of the core (tx_party)

- Database complete (based on the preliminary version of OASIS xPIL/xNAL 3.0)
- TCE Forms, using IRRE
- label_userFunc, using the classes from the model
- Model (about 40% complete)
- Unit-Tests, mostly for the model

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Status of the view (tx_party_view)

- Sven Kalbhenn (skom.de)
- Vision talks (see Wiki)
- Protoype using the current model available in SVN

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Unit Testing

- Test Data with more than 2,500 Parties and a total number of more than 46,000 records
- 34 Unit-Tests for T3Unit

What can I do?

- Each component has work packages defined on the wiki e.g.
- tx_party
  - Backend search form, optimized for usability
  - Ajax-based lookups which can be integrated to the TYPO3 core (especially for IRRE n:m relationships)
- tx_view
  - Display of all data from the model
  - Create ready-to-use templates
- Generally
  - Unit-Tests
  - Documentation

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My biggest concern

- The Party Information Framework is meant to be a team effort, not a one-man-show

- It was OK to build the base on my own, but now it's Team-Time!

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Thanks to

- **Sven Kalbhenn**
Party View

- **Christoph Koehler, Web Empowered Church**
Church Management System, Date handling (e.g. birthdates)

- **Franz Holzinger**
Addition of static_markets to static_info_tables

- **Ingmar Schlecht**
Integration of label_userFunc to the 4.1 core

- **Oliver Hader**
Inline Relational Records Editing (IRRE)

Ressources

- ## Status, news, results... at the Wiki:
  http://wiki.typo3.org/index.php/Party_Information_Framework

- ## Discussion on the ECT Newslist:
  typo3.teams.extension-coordination on news.netfielders.de

- ## The code is available at Sourceforge:
  http://typo3xdev.svn.sourceforge.net/viewvc/typo3xdev/tx_party/
  http://typo3xdev.svn.sourceforge.net/viewvc/typo3xdev/tx_party_view/