Explanation of the TYPO3 Integrator Certification

05.02.2011 – TYPO3 UG NRW

Stefan Neufeind
(slides adapted from Peter Niederlag & Patrick Lobacher)

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Agenda

- Introduction of the certification team
- What is the TYPO3 Integrator certification?
- Why do we need a certification?
- The exam: topics and procedure
- Some statistics & quotes
- Example questions
- What are the plans for the future?

The certification team

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Position within TYPO3

TYPO3-Association

Core
Research&Development
Content rendering
Design
Documentation
Security
Typo3.org
Quality Control

Certification

certification.typo3.org

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Member of the team

- Dominic Brander
  (Leader, Founding member of the TYPO3 Association)
- Miljana Micky Baratovic
- Sebastian Böttger
- Michael Dengler
- Patrick Gaumond
- Tobias Hauser
- Patrick Lobacher
- Robert Meyer
- Stefan Neufeind
- Peter Niederlag
- Daniel Schiffner
- Sacha Storz

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Collaboration

- Voluntary collaboration
- Organized via mailing lists, mail and meetings
- We are looking for new members / co-helper
- We need locations (worldwide) and good questions

Tasks

- Arranging and evaluation of the certification
- Creating and rating of questions
- Improving the quality of the certification
- Founding of new certification types
- Establishing of the certification in the field
- Public relations

What is the TYPO3 Integrator Certification?

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Claim

TYPO3 certification helps to improve the quality of TYPO3-centered services

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What the certification is

- Official test – invented, arraganged and evaluated by the TYPO3 Association
- Paper based multiple choice test – 75 questions in 90 minutes
- Ratings are based on well-known scientific methods which are used for other popular tests as well
- Reliable concept for testing TYPO3 Intergrator knowledge and experience

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Certification – Why?

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The „TYPO3-Dilemma“

- TYPO3 is getting more and more successful
- More and more customers choose TYPO3
- The amount of websites made with TYPO3 is growing fast
- TYPO3 projects are getting more complex
- TYPO3 is getting more and more complex
- More and more TYPO3 specialists are needed

Who is a TYPO3 specialist?

- How much knowledge should a TYPO3 specialist have?
- How much experience should a TYPO3 specialist have?
- What is needed to finish a TYPO3 project successfully?
- What do specialists do? Integration? Programming? Design? Consulting?
- What is with my knowledge and experience? Is this enough to be a successful TYPO3 specialist?

Customer View

- How can I rate the quality of the TYPO3 service?
- Are the knowlege and experience of the specialist enough to create a high standard future proof website?
- References are not meaningful enough
- Is my investment safe?
- Is the „specialist“ just cheating?

Goal of the certification

- Objective benchmark
- to check the knowlegde
- and experience
- of an TYPO3 specialist for an easy and secure
- evalution of TYPO3 skills
- for other and oneself

Benefits and success

- TYPO3 became one of the most important players in the CMS market within the last years.
- In this time the expectations of customers were growing continuously – web agencies became information consultancies.

Benefits and success

- With its growing success, the abilities but also the complexity of TYPO3 rose as well.
- Beside the basic knowledge of XHTML and CSS, profound knowledge of the underlying technology became essential for projects' success.

Certification is important...

for TYPO3 Customers

- to assure the selected service supplier has the knowledge to implement a proper and successful TYPO3 solution.

for the TYPO3 Project

- to show the market that there are lots of skilled specialists offering professional TYPO3 service

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Certification is important...

- for TYPO3 Professionals
  - to train and test their skills and to present themselves as certified professionals to the market
- for YOU
  - because you are one of us :-)

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Contents of the certification

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Typical work areas

- Administration
  (Server, Infrastructure, Backup)
- Programming (Extension programming)
- Editorial (Maintenance of content)
- Integration (Build up the complete website: Templates, Menu, TypoScript, Extension handling,...)

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Definition: TYPO3 Integrator

- The "TYPO3 integrator" develops the template for a website, configures all the necessary extensions and creates the access rights for backend users.
- The "TYPO3 integrator" does not install TYPO3 on the webserver and does not programm extensions.
- The "TYPO3 integrator" knows how to configure the preinstalled TYPO3 by using the installer.

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Objectives – 8 topics to know

- TYPO3 in general
  (License, History, Events, Association, Community, ...)
- Installation
  (Configuration, Security, Handling,...)
- TYPO3-Environment
  (Caching, System requirements, ...)

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Objectives – 8 topics to know

- Documentation (Manuals, TSref,)
- Extension
  (Extension Manager, Installation, Configuration, ...)
- Backend-Administration
  (Modules, User management, Workspaces, TSconfig, RTE, ...)

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Objectives – 8 topics to know

- Templating
  (Marker, Subparts, ...)
- TypoScript
  (Syntax, Objects, Logic, Conditions,
  Menus, stdWrap, optionSplit, ...)

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Exam preparation

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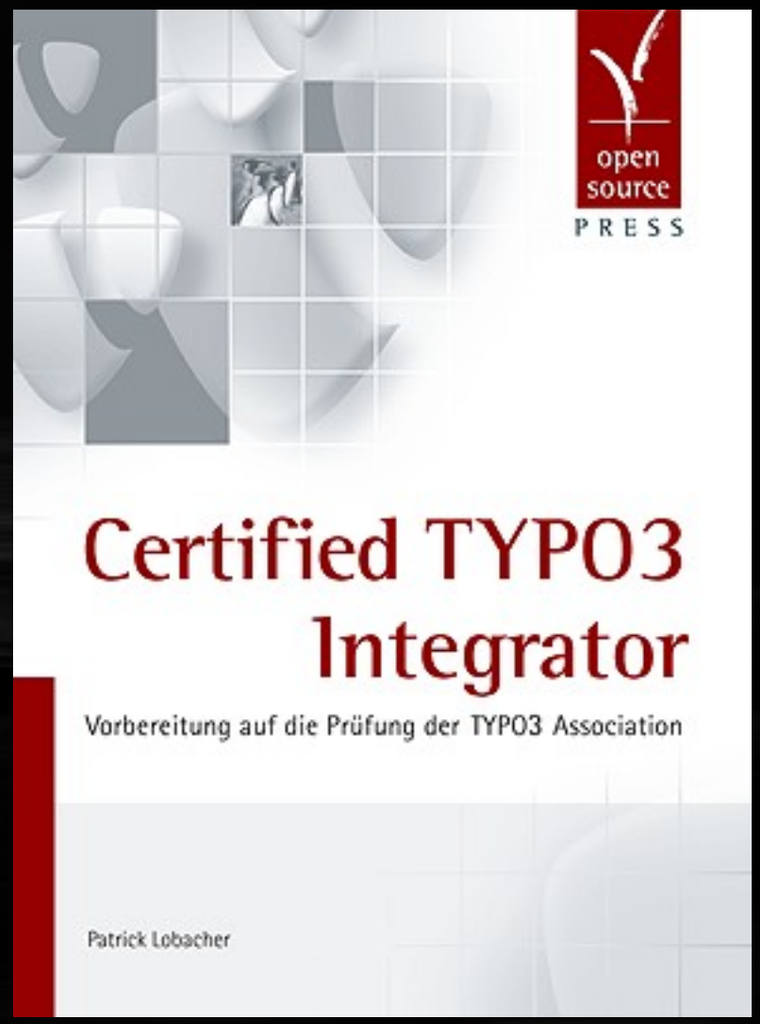
Preparation

- „What will be tested“
  (http://certification.typo3.org/index.php?id=29)
- Offical documentation, like:
  - TSref / TSconfig
- Books / Articles / Seminars
- Learn with TYPO3 4.4 Backend
  in English (!!!)

Certified TYPO3 Integrator book

- 250 Questions
- german
- with detailed explanations
- covers all relevant topics



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The exam

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The exam: registration

- Register for one of the certification dates at http://certification.typo3.org/
- Registration is binding!
  Cancellation is possible 14 days before exam takes place
- Wait for email confirmation (about 7 days)

The exam – on site

- Fees (payable on site):
  - 200 EUR for „normal“ participants
  - 150 EUR for members of the TYPO3-Association
  - 150 EUR for employess, if their company is „Supporting Member“ of the TYPO3-Association
  - Fees are used for the administration, supporting the TYPO3-Association and further developement of the certification

The exam – on site

- NDA (Non Disclosure Agreement)
  - Aggreement to protect the certification
  - It‘s not allowed to publish questions anywhere (neither complete or in parts)
  - Violating any of the terms of this agreement will result in the immediate revocation of any existing TYPO3 certification

The exam: procedure

- Language of the exam is English
- Paper-based test
- Multiple-choice
  (no hints how many answers are needed)
- Just a correct answers gives a point
- 75 questions / 90 minutes

The exam: afterwards

- Evaluation ist done manually at the TYPO3-association
- Evaluation or rather the cut-off-score is based on approved scientific methods
- Evaluation takes about 3-4 weeks - email after finished
- short time afterwards you get a certificate by mail
- Listing on certification website is possible

The certificate

- Certificate will not expire
- valid for the major-version (4.x, 5.x, ...)

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The exam: not passed?

- Exam can be repeated as many times as you like
- Waiting time: 2 months
- Fees have to paid again

Statistics

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Exams took place in

Laax (CH)

Vienna (AT)

Munich (DE)

Dallas (USA)

Cologne (DE)

Paris (FR)

Warsaw (PL)

Hamburg (DE)

Berlin (DE)

Arnheim (NL)

Zurich (CH)

Basel (CH)

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The exam: statistics

- 72 exams since 17.11.2008
- over 600 participants
- from over 15 different countries

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Upcoming certifications

- Brussels (05.02.2011)
  at FOSDEM
- **Tokyo (18.02.2011)**
  at T3SKI11
- Brandenburg (19.02.2011)
- Chemnitz (20.03.2011)
  at Chemnitzer
  Linuxtage (CLT)
- Essen (21.03.2011)
- Zell (28.03.2011)
  at T3BOARD11
- Stuttgart (21.05.2011)
  at TYPO3Camp Stuttgart
- Hannover (28.05.2011)

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Sample questions

From the book –
not from the exam of course :-)

Sample question – very easy

Which are offical TYPO3 events – organized by the Association?

- a) TYPO3 Usergroup
- b) T3BOARD
- c) TYPO3 Conference
- d) TYPO3camp
- e) T3DD
- f) TYPO3 Academy
- g) T3SAIL

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Sample question – easy level

Is it possible to move elements within a workspace and if yes, since which version of TYPO3?

- a) No, this is not possible. Elements have to be copied and then deleted at the source
- b) Yes, this is possible since the first version of TYPO3
- c) Yes, this is possible since TYPO3 4.0
- d) Yes, this is possible since TYPO3 4.1
- e) Yes, this is possible since TYPO3 4.2
- f) Yes, this is will be introduced in TYPO3 4.3

Sample question – easy level

Is it possible to move elements within a workspace and if yes, since which version of TYPO3?

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Beispielfrage – mittel leicht:

Sie haben Ihr Passwort für den Zugang zum Backend vergessen und können sich nicht mehr einloggen. Ein anderer User ist nicht greifbar. Was können Sie tun?

- a) Sie rufen das Backend auf und ändern Ihr Passwort, dafür muss das ursprüngliche Passwort nicht eingegeben werden.
- b) Im Bereich Admin Tools | Install können Sie das Passwort ändern.
- c) Sie können das Install Tool direkt aufrufen und dort im Abschnitt „Database Analyzer“ einen neuen Adminzugang anlegen.
- d) Wenn Sie Zugang zur Datenbank haben, können Sie dort ein neues Passwort eintragen.
- e) Sie verwenden das PHPSkript createUser.phsh im Verzeichnis typo3/tools, um einen neuen User anzulegen.

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Sample question – medium level

Your website has five pages A, B, C, D and E.
What is the output with the following TypoScript?

```
page = PAGE
page.10 = HMENU
page.10.1 = TMENU
page.10.1.NO.linkWrap = 1 |*||*| 2
page.10.1.NO.allWrap = | 
```

- a) 1A 2B 1C 2D 1E
- b) 1A 1B 1C 1D 2E
- c) 1A 2B 2C 2D 2E
- d) 1A 2B 1C 2D 1E

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- a) 1A 2B 1C 2D 1E
- b) 1A 1B 1C 1D 2E
- c) 1A 2B 2C 2D 2E
- d) 1A 2B 1C 2D 1E

Sample question – hard level

What have to be inserted (in place of the question marks) to output the pagetitle of the current page?

```
page = PAGE
page.10 = TEXT
page.10 {
   dataWrap = DB:pages:{TSFE:id}:title
   ??? = <h1>Pagetitle:  {|}</h1>
   insertData = 1
}
```

- a) data
- b) wrap
- c) innerWrap
- d) wrap3
- e) stdWrap

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What are the plans for the future?

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Future plans

- Company certification
- Developer certification
- Certification for the TYPO3 5.x branch
- English study guide
- ...

Further information

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Further information

- Certification Website (incl. FAQ)
  http://certification.typo3.org
- Book for the certification preparation
  https://www.opensourcepress.de/index.php?26&tt_products=264

TYPO3 Videotraining (video2brain)

ISBN 978-3-8273-6290-2

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We need your help!

- Exam questions
- Locations where the certification could take place (worldwide!)
- Join the team!
- certification@typo3.org

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Thank you very much!

Questions???

Stefan Neufeind http://talks.speedpartner.de/

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