

From eZ to Zeta Components

International PHP Conference 2010

Tobias Schlitt <toby@qafoo.com>
Kore Nordmann <kore@qafoo.com>

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About me

- ▶ Degree in computer science
- ▶ More than 10 years of professional PHP
- ▶ Open source enthusiast
- ▶ Contributing to various FLOSS projects
- ▶ PMC members of Apache Zeta Components
- ▶ Co-founder of **Qafoo GmbH**, which provides **services all around high quality PHP**
 - ▶ this includes support / development for Zeta Components!

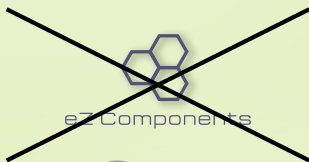
eZ Components



eZ Components



Apache Zeta Components



History: eZ Components

- ▶ Developed since 2004 by eZ Systems AS
 - ▶ Makers of enterprise OSS CMS eZ Publish
 - ▶ <http://ez.no>
- ▶ Initial goal
 - ▶ Refactor and cleanup core libs of eZ Publish
 - ▶ Pull out standalone, general purpose library
- ▶ Objectives
 - ▶ High quality code
 - ▶ Well thought out API
 - ▶ Backwards compatibility
 - ▶ Extensive documentation

Intermission ...

The Graph component



The Zeta Graph component

```
1 require_once 'autoload.php';
2
3 $graph = new ezcGraphPieChart();
4 $graph->palette = new ezcGraphPaletteEzRed();
5 $graph->title = 'Access_statistics';
6 $graph->options->label = '%2$d_(%3$.1f%%)';
7
8 $graph->data['Access_statistics'] = new ezcGraphArrayDataSet( array(
9     'Mozilla' => 19113,
10    'Explorer' => 10917,
11    'Opera' => 1464,
12    'Safari' => 652,
13    'Konqueror' => 474,
14 ) );
15 $graph->data['Access_statistics']->highlight['Explorer'] = true;
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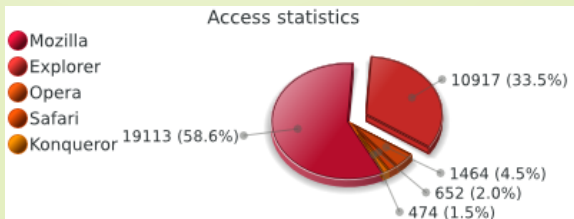
The Zeta Graph component

```
1 $graph->renderer = new ezcGraphRenderer3d();
2
3 $graph->renderer->options->moveOut = .2;
4
5 $graph->renderer->options->pieChartOffset = 63;
6
7 $graph->renderer->options->pieChartGleam = .3;
8 $graph->renderer->options->pieChartGleamColor = '#FFFFFF';
9
10 $graph->render( 400, 150, 'pie_chart_3d.svg' );
```

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The Zeta Graph component



Back to the topic ...

History ...



History: The break

March 2010

- ▶ All eZ Components developers left eZ Systems
- ▶ Still, we wanted to . . .
 - ▶ put voluntary efforts into the project
 - ▶ push it further
 - ▶ ensure it is not broken
- ▶ Discussion with eZ Systems
 - ▶ Spin off the project to become independent
 - ▶ Look for or create a foundation
- ▶ Result: Propose code to Apache Software Foundation

Apache Software Foundation



- ▶ <http://apache.org>
- ▶ Well known OSS foundation
- ▶ Home of OSS projects like
 - ▶ Apache HTTP server
 - ▶ Subversion
 - ▶ CouchDB

Incubation

- ▶ Before becoming an Apache project
- ▶ Goals:
 - ▶ Adjust to the ASF principles
 - ▶ Gather stable community
 - ▶ Sort out legal issues
 - ▶ Setup infrastructure
- ▶ Entered incubation on 2010-05-21
- ▶ Duration of incubation phase unknown



The ASF way

- ▶ Meritocracy
 - ▶ Power through contribution
 - ▶ Project management comitee (PMC)
- ▶ Transparency
 - ▶ Public mailinglists
 - ▶ Decisions by votes
 - ▶ Involve the community
- ▶ Legal stuff
 - ▶ Apache License
 - ▶ CLAs



Intermission ...

The Mail component



Sending mail

```
1 $mail = new ezcMail();
2
3 $mail->from = new ezcMailAddress( 'sender@example.com', 'Bernard_Bernoulli' );
4 $mail->addTo( new ezcMailAddress( 'receiver@example.com', 'Wendy' ) );
5 $mail->subject = "This_is_the_subject_of_the_example_mail";
6
7 $textPart = new ezcMailText( "This_is_the_body_of_the_example_mail." );
8
9 $fileAttachment = new ezcMailFile( "~/myfile.jpg" );
10
11 $mail->body = new ezcMailMultipartMixed( $textPart, $fileAttachment );
12
13 $transport = new ezcMailMtaTransport();
14
15 $transport->send( $mail );
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Retrieving mail

```
1 $imap = new ezcMailmapTransport( "imap.example.com" );
2
3 $imap->authenticate( "user", "password" );
4 $imap->selectMailbox( 'Inbox' );
5
6 $imap->delete( 1 );
7 $imap->expunge();
8
9 $imap->noop();
10
11 $set = $imap->fetchByFlag( "DELETED" );
12
13 $parser = new ezcMailParser();
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15 $mails = $parser->parseMail( $set );
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Back to the topic ...

The ASF way ...



Current state

- ▶ New website
 - ▶ <http://incubator.apache.org/zetacomponents/>
 - ▶ (<http://zetacomponents.org>)
- ▶ New SVN
 - ▶ <http://svn.apache.org/repos/asf/incubator/zetacomponents>
- ▶ New mailinglists
 - ▶ Developers: zeta-dev@incubator.apache.org
 - ▶ Users: zeta-users@incubator.apache.org
 - ▶ Commits: zeta-commits@incubator.apache.org
- ▶ New issue tracker
 - ▶ <https://issues.apache.org/jira/browse/ZETACOMP>
 - ▶ (<http://s.apache.org/zeta-issues>)

Current state II

- ▶ Still missing
 - ▶ Releases
 - ▶ PEAR channel
 - ▶ Processes

Participate

- ▶ We need you!
- ▶ Getting involved:
 - ▶ Join the developer mainlinglist
 - ▶ Fix bugs
 - ▶ Write docs
 - ▶ Propose features
- ▶ Our goals:
 - ▶ High quality PHP 5 code
 - ▶ Backwards compatibility
 - ▶ Generality / flexibility



Thanks for listening

Are there any questions left?



Thanks for listening

Please rate this talk:
<http://joind.in/2171>

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Stay in touch

- ▶ Tobias Schlitt
- ▶ toby@qafoo.com
- ▶ @tobySen
- ▶ Kore Nordmann
- ▶ kore@qafoo.com
- ▶ @koredn

Need help with Zeta Components? Rent us!

<http://qafoo.com>