Rapid PHP Web Development with Symfony Framework

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Who am I

• Paul Ooi a.k.a takizo (黃琮政)
• Chief Systems Engineer of Global Transit
• Internet Service Provider environment
• Systems, Security and Applications
We Love Open Source

- Almost all applications/systems are powered by Open Source Software
Rapid PHP Web Development with Symfony Framework
Why Framework?

- Speed up application development
- Easy to maintain
- Structured the code
- Code cleanliness
- Scalability
- Code Reusable / Object orientation
- Agile Development
- MVC Pattern (Model, View, Controller)
Why Symfony

• Support complex web applications
• Ideas adopted from existing framework (Mojavi, Prado, Rails, Django)
• Clean MVC Separation
• Configurability, Flexibility
• Write less code...
• Support Unit and Functional Testing
• The Definitive Guide – Free Online
• Support Multiple Languages: EN, CN, IT, JA, VN
• Greet Tutorials: askeet, jobeet, cookbook, prople, doctrine
• API Reference for plugin
Community

- Large community
- Forum
- Wiki
- Snippets
- Mailing List/Group
- Symfony Blogs
- Clean Separation: Model, View, Controller
- Model: Library, Classes
- View: Template
- Controller: Configuration
- Classify: Module > Action
- Restrictive with Structure
- App > Module > Action > <configuration files>
- Generate default classes, libraries and models
Database

- MySQL and PostgreSQL
- Object Role Modeling (ORM)
- Propel as default
- Doctrine is distributed with Symfony
- It doesn’t require external ORM
Speed and Performance

- Cache configuration
- Caching on page, function, query
- opcode, memcache, zend
- easy cache management `sfViewCacheManager`
- disable/enable plug-ins, database, modules
Template and Routing

- Easy to manage template
- template is base on module’s action
- Routing base on configuration
- SEO Friendly URL
  http://coscupdemo/article/123
  http://coscupdemo/how-to-start
Testing and Troubleshoot

- Turn on development environment
- Assessment on module loading time
- Analyze database query
- Friendly logging
Plugin and Helper

- Ajax Enabled Plugins
- jQuery, Dojo, ExtJS, YUI
- Create your own plugin and reuse
- Helper makes your life easy
Validation – using YML
- Autocomplete – input_autocomplete_tag
- Drag and drop – draggable_element
Demo
Symfony

- yahoo! answer
- yahoo! bookmark
- delicious
- Daily Motion
- CRM, Customer Portal, Intranet Portal
Question
Enjoy the rest of the conference