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# ...
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    my_service:
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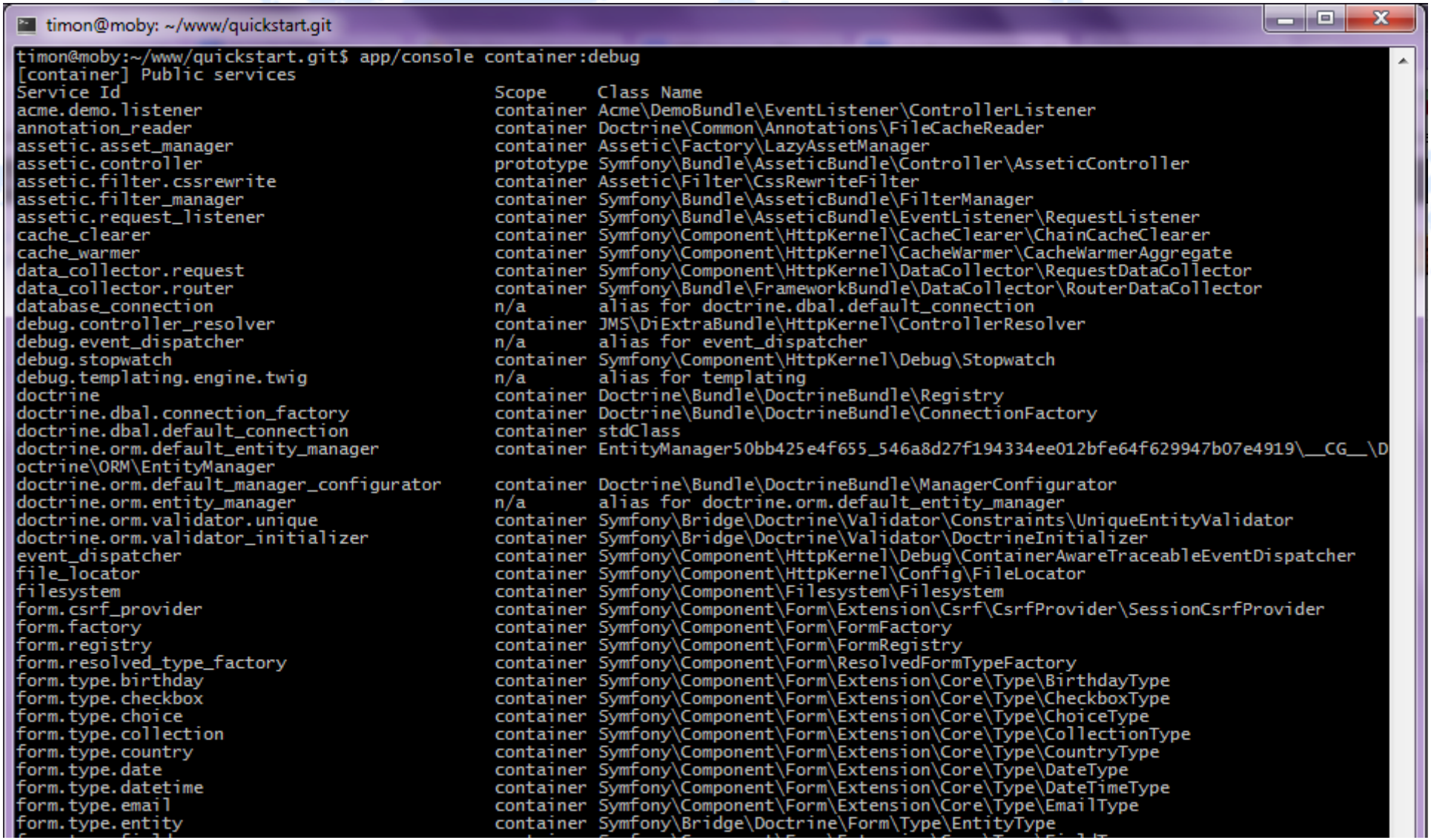
Class to manage

Name of the new service

php app/console container:debug



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# app/config/config.yml
# ...
services:
    my_service:
        class:    Acme\MyBundle\Service\AwesomeClass
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            some_arg:    "string"
            another:
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            even_more:   @another_service
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Arguments can be strings, numbers, arrays, placeholders, and many more ...

Any other service can be injected as as argument

```php
<?php
use   Guzzle\Http\ClientInterface;
use   Acme\Logger\LoggerInterface;

class FeedAggregator {
    private $client;
    private $logger;

    public function __construct(ClientInterface $client,
                                LoggerInterface $logger) {
        $this->client = $client;
        $this->logger = $logger;
    }

    public function retrieveFeed ($baseurl, $path) {
        $request = $this->client->setBaseUrl($baseurl)->get($path);
        $response = $request->send();
        if (200 != $response->getStatusCode()) {
            $this->logger->log('Could not get: '.$host.$path);
            return null;
        }

        return $response->getBody();
    }
    // ...
}
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```yaml
# app/config/config.yml
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    feed_aggregator:
        class:    Acme\FeedBundle\Service\FeedAggregator
        arguments:
            client:        @http_client
            logger:        @logger
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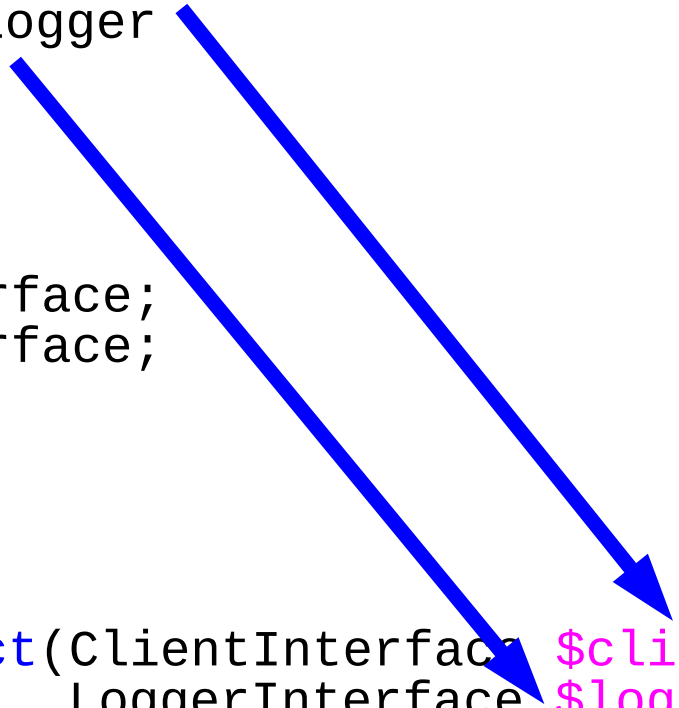

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Different Config for Testing?

- app/config/config.yml
- app/config/config_dev.yml
- app/config/config_test.yml

Nachhaltige Architektur für große Web-Projekte

- Modularität
- Erweiterbarkeit
- Wartbarkeit
- ★ Testbarkeit
- Performance

Summary

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- All implementation classes are instanciated and provided (injected) by the DIC
- Our classes create only domain entities, exceptions and value objects
- The DIC is not passed to any model class, domain entity, exception or value object
- Controllers can access the DIC to obtain services

Further Reading

- http://fabien.potencier.org/article/11/what-is-dependency-injection
- http://symfony.com/doc/current/components/dependency_injection/compilation.html
- http://symfony.com/doc/current/cookbook/service_container/compiler_passes.html
- Use the source ...

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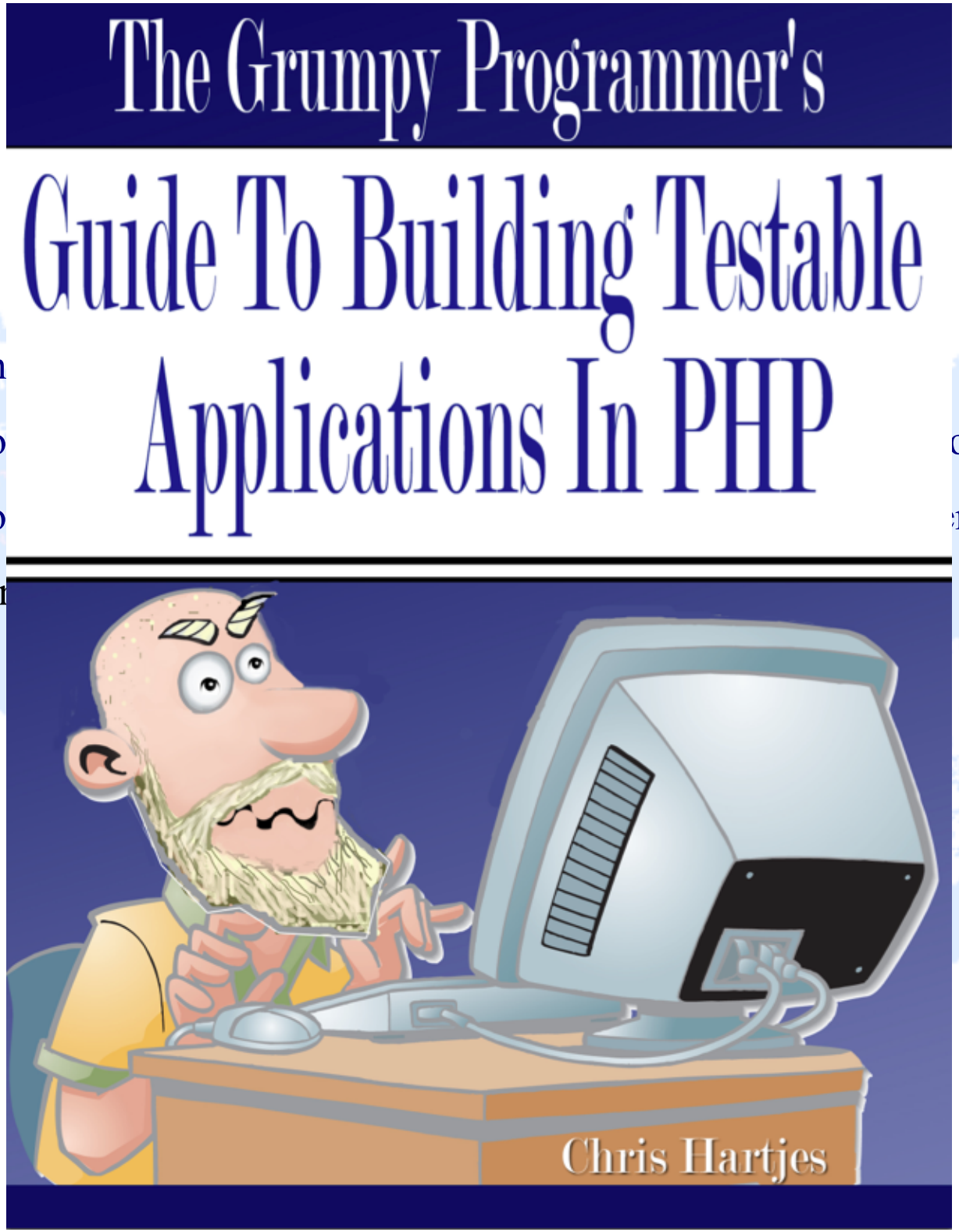

Vielen Dank
für Eure Aufmerksamkeit!

SOLID

- S Single Responsibility Principle
- O Open / Close Principle
- L Liskov Substitution Principle
- I Interface Segregation Principle
- D Dependency Inversion Principle