Symfony Ecosystem

Composer

Package manager

- Autoloading (optionaly)
- Package is a shared folder
- Resolves package dependencies, recursively
- Semver compatible version management
- Downloads your dependencies to vendor

Autoload

- PSR-0
- PSR-4
- Files

Optimize autoload

- **dump-autoload** or **install**
  - --optimize (-o)
  - --classmap-authoritative (-a)
  - --no-dev
  - --no-interaction

>> Demonstration

Platform requirements

- [example](#)
- --ignore-platform-reqs
  - useful for Docker

Package types

- library
- project (deprecated)
- metapackage
- composer-plugin
- symfony-bundle
- component (not a Symfony component)

Composer plugins used by ORO

- components installer
- fxpio/composer-asset-plugin
  - Replaced with **asset-packagist** (composer.json)
- flex
  - Not so flexible as OroDistributionBundle

Symfony components

Core

- HttpFoundation
- HttpKernel
- Routing
- DependencyInjection
- EventDispatcher
- Form
- Validator
- Templating
- Translation
- Security
- Yaml
- Console
- Asset

Testing

- BrowserKit
- CssSelector
- DomCrawler

Debugging

- Stopwatch
- VarDumper
- Debug

Optional

- Filesystem
- Finder
- Serializer
- Process
- Config
- OptionsResolver
- PropertyAccess
- PropertyInfo
- ExpressionLanguage
- Intl

Symfony components

Used by vendors only

- Symfony Polyfills
- ClassLoader

Not used by ORO

- Cache
- Ldap
- Lock
- Workflow
- Dotenv

Built-in bundles

- FrameworkBundle
- SecurityBundle
- TwigBundle
- DebugBundle
- WebProfilerBundle
- WebServerBundle

Bridges

Built-in

- Doctrine
- Monolog
- PhpUnit
- ProxyManager
- Twig

Bridges in ORO (bundles)

- Oro\Bridge\MarketingCRM
- Oro\Bridge\CustomerSales
- Oro\Bridge\MarketingCRMPro
- Oro\Bridge\CallCRM
- Oro\Bridge\TaskCRM
- Oro\Bridge\CalendarCRM
- Oro\Bridge\CustomerPortalCRM
- Oro\Bridge\CalendarCommerce
- Oro\Bridge\MarketingCommerce
- Oro\Bridge\ContactUs
- Oro\Bridge\QuoteSales
- Oro\Bridge\CustomerAccount
- Oro\Bridge\SaleActivityContact
- Oro\Bridge\MultiWebsiteContactUs
- Oro\Bridge\CRMCustomerPortal

ORO Applications

- oroinc/platform-application

- oroinc/crm-application
- oroinc/crm-enterprise-application

- [oroinc/orocommerce-application](#)
- oroinc/orocommerce-enterprise-application
- oroinc/orocommerce-enterprise-nocrm-application

- oroinc/orocommerce-application-de
- oroinc/orocommerce-enterprise-application-de

External packages

- KnpBundles
- Packagist.org
- OroCommerce Marketplace

Support

- Documentation
- Google
- Source code
- [StackOverflow](#)
- [Slack](#)