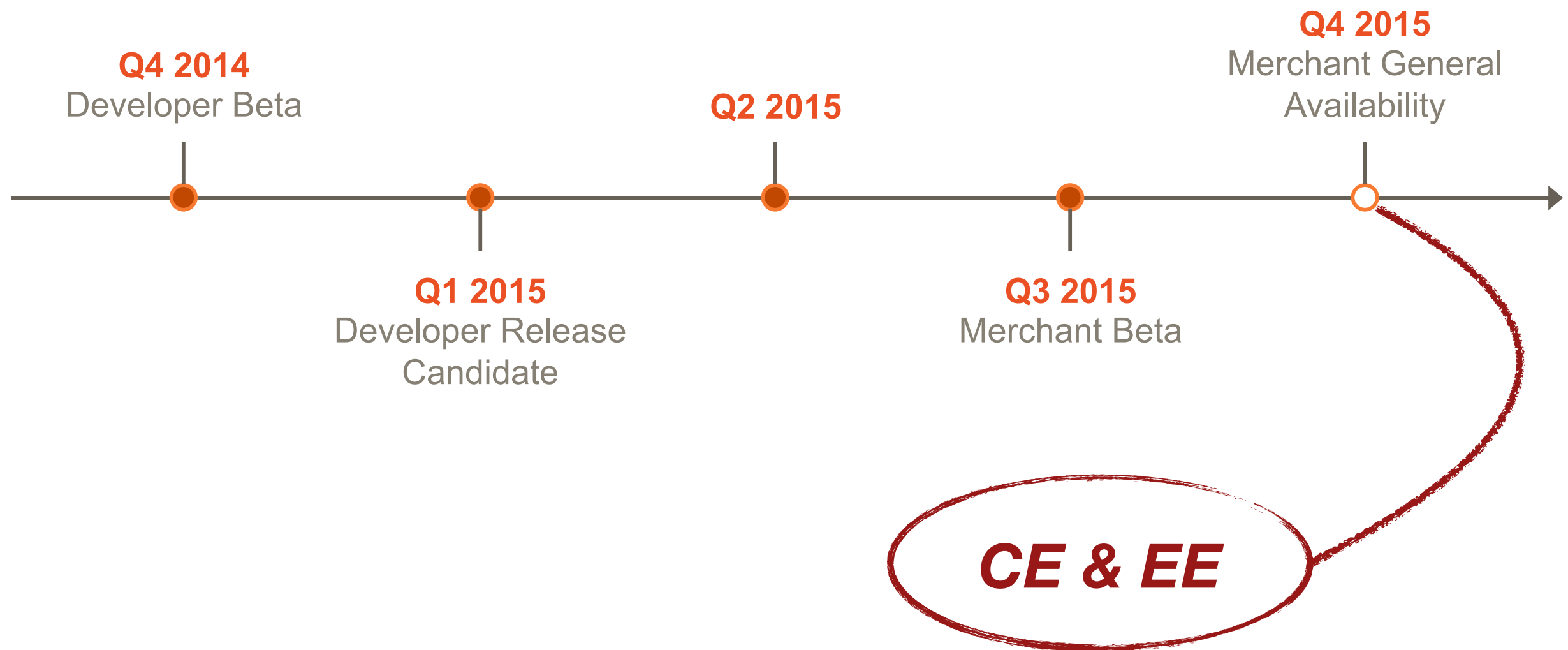


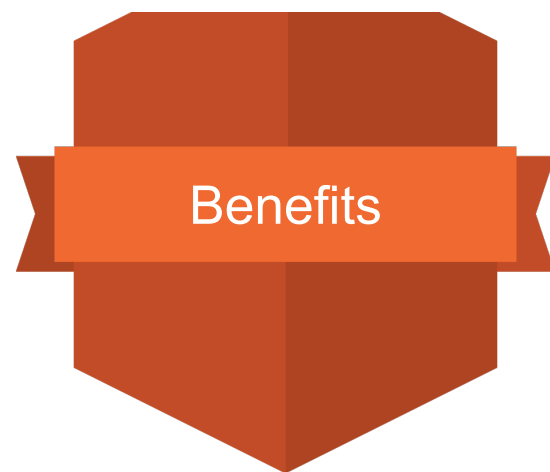
Magento 2

Getting started

Magento 2 Timeline

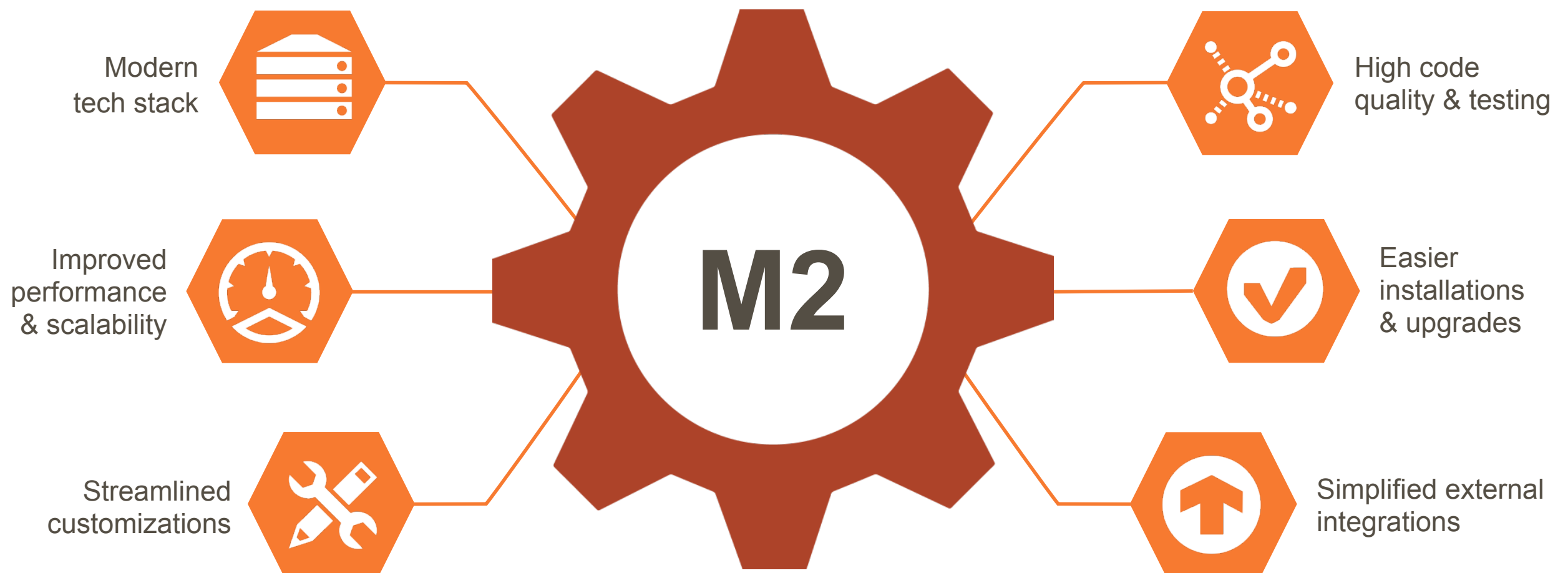


M2 Developer Benefits



1. More powerful toolset to serve your clients
2. Faster development cycles
3. Increased confidence in high-quality releases
4. Better guidance and documentation

M2 Goals



Getting Started with M2

The screenshot shows the Magento 2 Developer Documentation (2.0) page for 'Installation overview'. The page has a dark orange header with the Magento logo and 'Developer Documentation (2.0)'. Below the header is a navigation bar with links: 'Get Started', 'System Administrator', 'Developers', and 'Contributor'. The main heading is 'Installation overview' in large white text. To the right of the heading is a link 'Edit this page on GitHub'. On the left side, there is a sidebar with a 'GETTING STARTED' section containing links: 'Installation overview', 'Is the Magento software installed already?', 'How do I log in to my Magento server using a terminal, command prompt, or SSH?', 'What operating system is my server running?', 'What's the difference between a module and a component?', 'What is the software that the Magento server needs to run?', and 'What is a docroot?'. The main content area has a heading 'Magento software installation' followed by a paragraph: 'Hi, we're glad you're among the 240,000 merchants worldwide who put their trust in our eCommerce software. We've gathered some information to help you get started with Magento and with your Magento installation. We have some resources here to help get you started using the eCommerce platform of the future—Magento 2. It's what we do.' Below this is another heading 'New to Magento installation? Need some help?' followed by a paragraph: 'If you're not sure about the following, you probably need a little help before you get started with your installation:'. This is followed by a list of links: 'Is the Magento software installed already?', 'What's a terminal, command prompt, or Secure Shell (ssh)?', and 'Where's my Magento server and how do I access it?'. The list is partially cut off at the bottom.

GETTING STARTED

- Installation overview
- Is the Magento software installed already?
- How do I log in to my Magento server using a terminal, command prompt, or SSH?
- What operating system is my server running?
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- What is a docroot?

Magento software installation

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New to Magento installation? Need some help?

If you're not sure about the following, you probably need a little help before you get started with your installation:

- Is the Magento software **installed already**?
- What's a **terminal, command prompt, or Secure Shell (ssh)**?
- Where's my **Magento server** and how do I access it?

Magento 2: Basic requirements

| | |
|----------|-------------------------|
| PHP | 5.5 or greater PHP 7 |
| MySQL | 5.6 or greater |
| Composer | Use it! |

Magento 2: Types of installations

“Contributing Developer” Installation

“System Integrator” Installation

Install (1/3)



“Contributing Developer” (2/4)



Clone the Magento 2 repository:

```
> git clone git@github.com:magento/magento2.git .
```

“System Integrator” (2/4)

- Use Composer!

```
> composer create-project magento/project-community-edition  
    -stability="beta"  
    <path to installation>
```

Magento 2 Install (3/4)

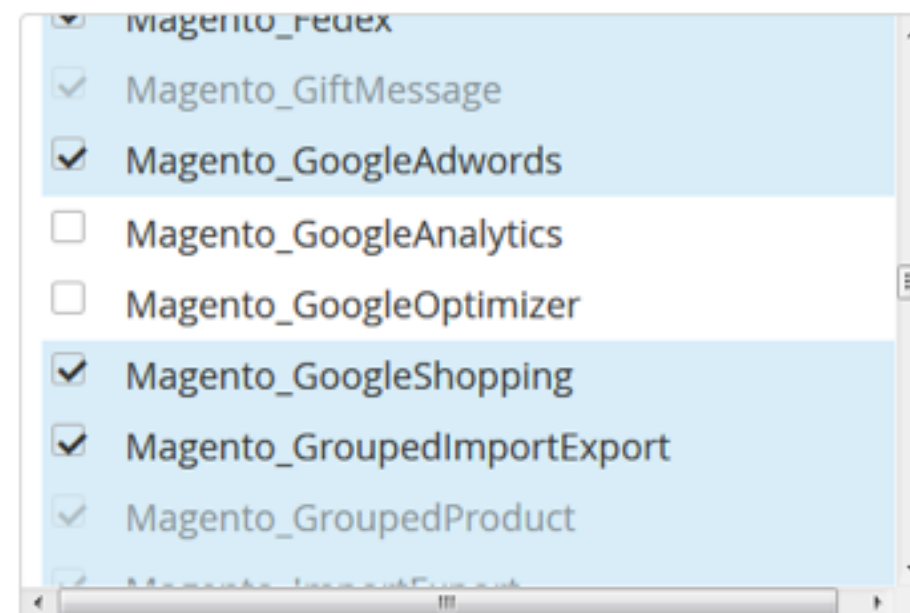
- Set File Permissions
- Install via:
 - Wizard (/setup)
 - Can use more than once
 - Can use to uninstall & reinstall
 - Command Line

Magento 2 Install (4/4)

- Choose to install sample data*
- Choose modules:

Advanced Modules Configurations 

☐ Select All



Modern Tech Stack



Composer

Semantic Versioning

ZF2

Symfony 2

Require JS

jQuery

CSS Preprocessor (default = LESS)

High Code Quality & Testing



Consistent implementation patterns

Test coverage in core

100% decoupled code

Declarative dependency injection

Improved Performance & Scalability



FPC in core

Reworked indexers

Substantial compilation for production

Separate DB for sales entity (EE only)

Easier Installations & Upgrade



Separate setup tool
Installation wizard
100% decoupled code
SemVer

Streamlined Customizations



100% Decoupled code
Service Layer
Interceptors

Simplified External Integrations



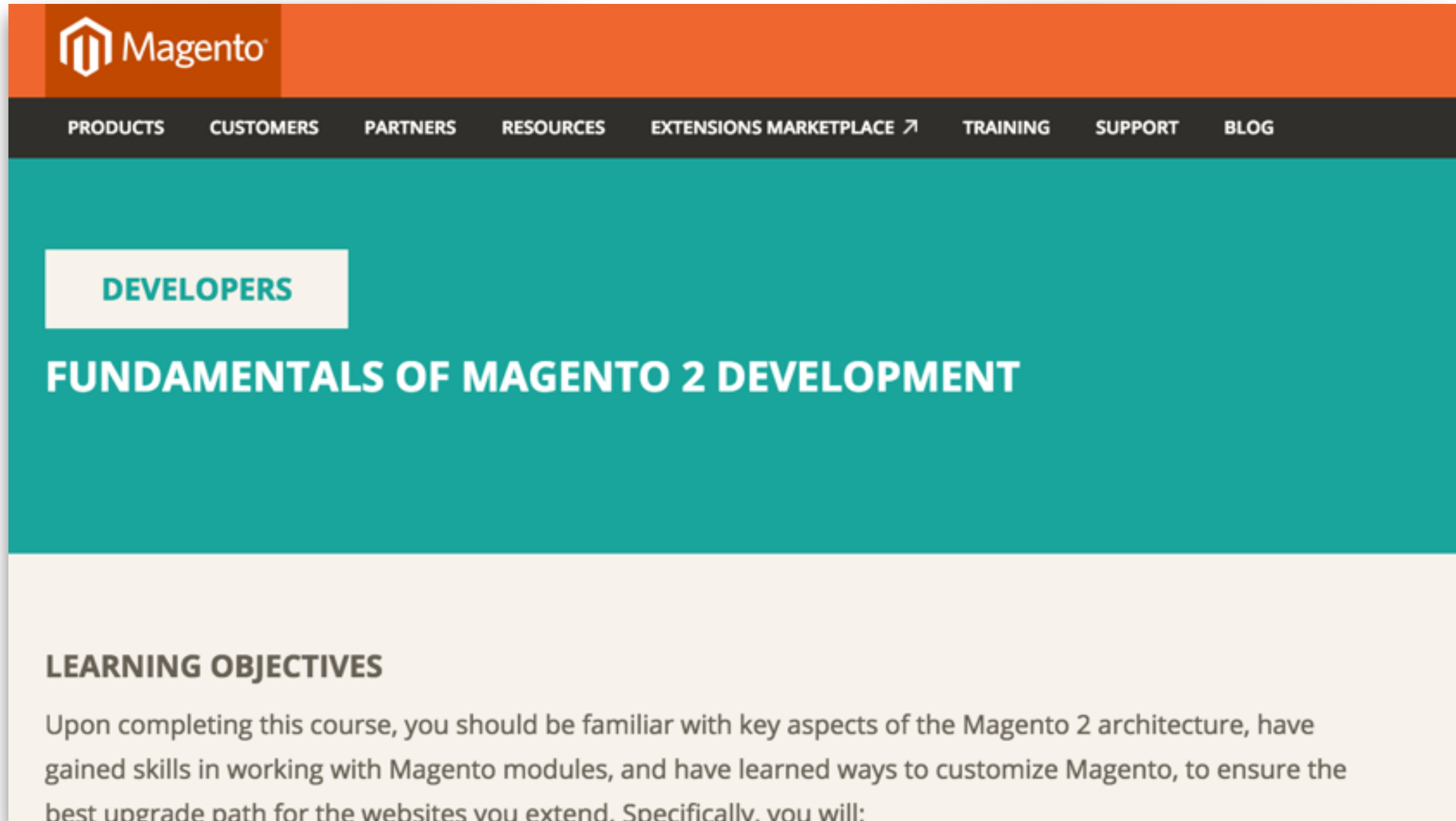
Improved API layer
Clearer code paths
Modular checkout


Testing in M2

In Magento 2, untested code is incomplete code.

(take a pic & tweet, I'll wait.)

Getting Started with M2

A screenshot of the Magento 2 Developers page. The page has a dark orange header with the Magento logo on the left. Below the header is a dark navigation bar with links: PRODUCTS, CUSTOMERS, PARTNERS, RESOURCES, EXTENSIONS MARKETPLACE (with an external link icon), TRAINING, SUPPORT, and BLOG. The main content area has a teal background. On the left, there is a white box with the word 'DEVELOPERS' in teal. Below this, the title 'FUNDAMENTALS OF MAGENTO 2 DEVELOPMENT' is displayed in white. The bottom section has a light beige background with the heading 'LEARNING OBJECTIVES' and a paragraph of text.

 **Magento**

PRODUCTS CUSTOMERS PARTNERS RESOURCES EXTENSIONS MARKETPLACE ↗ TRAINING SUPPORT BLOG

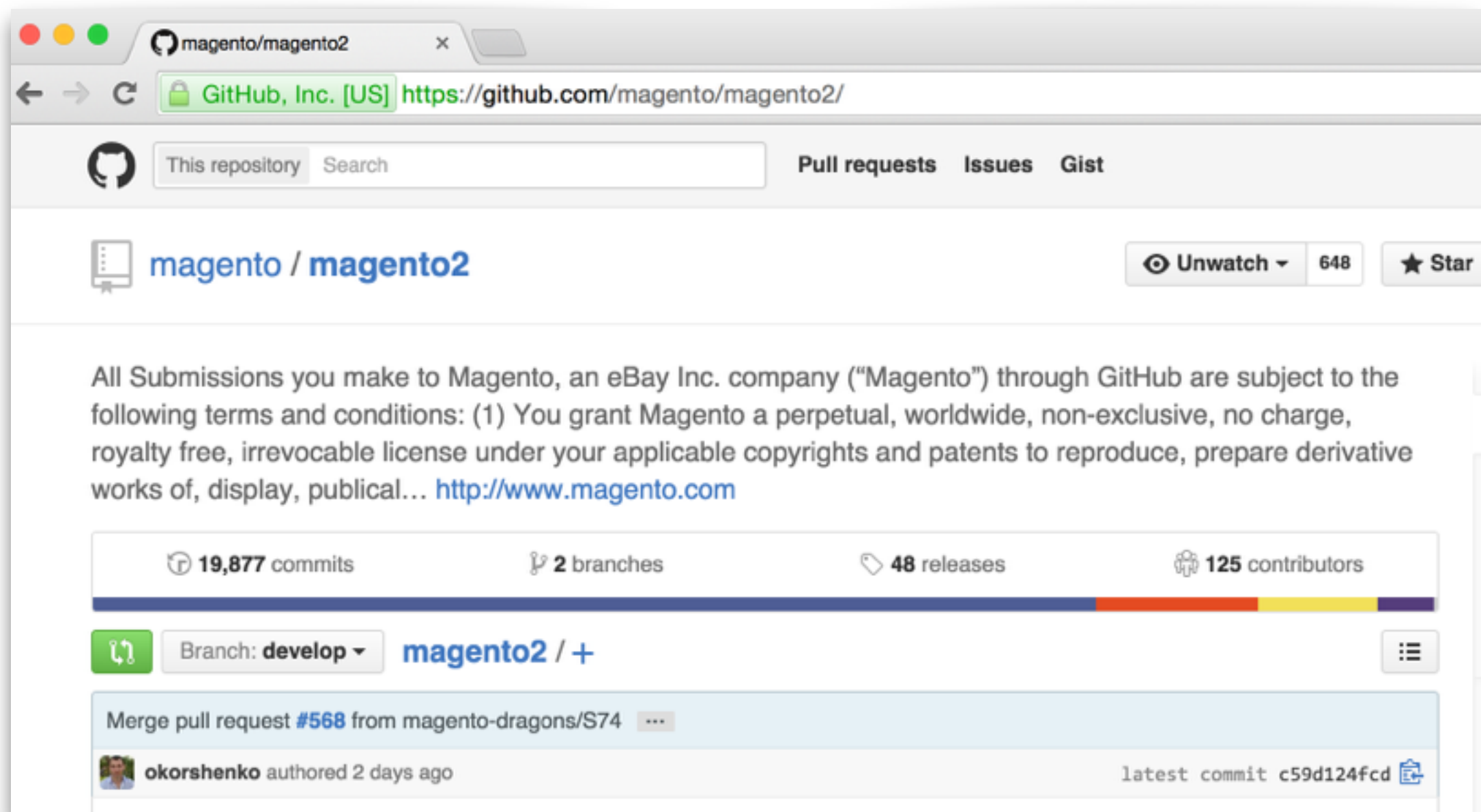
DEVELOPERS

FUNDAMENTALS OF MAGENTO 2 DEVELOPMENT

LEARNING OBJECTIVES

Upon completing this course, you should be familiar with key aspects of the Magento 2 architecture, have gained skills in working with Magento modules, and have learned ways to customize Magento, to ensure the best upgrade path for the websites you extend. Specifically, you will:

Getting Involved with M2



Getting Involved with M2

Magento Developer Documentation (2.0)

Get Started System Administrator Developers Contributor

Installation overview

[Edit this page on GitHub](#)

GETTING STARTED

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Getting Involved with M2

There is no problem that community cannot solve.

Thanks!

@benmarks

ben.marks@magento.com

facebook.com/benmarks.magento