



Quick answers to common problems

# Magento 2 Cookbook

50 practical recipes that will help you realize the full potential of Magento to build a professional online store

Ray Bogman  
Vladimir Kerkhoff

[PACKT] open source\*  
PUBLISHING



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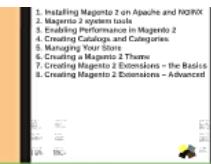
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1. Installing Magento 2 on Apache and MySQL
2. Magento 2 system tools
3. Enabling Performance in Magento 2
4. Creating a Magento 2 Category
5. Managing Your Store
6. Creating a Magento 2 Theme
7. Creating Magento 2 Extensions - the Basics
8. Creating Magento 2 Extensions - Advanced

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PUBLISHING community experience distilled

# Background

- Reviewed 4 books for Packtpub
- Started writing 1st November 2015
- More than 700 hours

# Chapters

- 1. Installing Magento 2 on Apache and NGINX**
- 2. Magento 2 system tools**
- 3. Enabling Performance in Magento 2**
- 4. Creating Catalogs and Categories**
- 5. Managing Your Store**
- 6. Creating a Magento 2 Theme**
- 7. Creating Magento 2 Extensions – the Basics**
- 8. Creating Magento 2 Extensions – Advanced**

# 1. Installing Magento 2 on Apache and NGINX

- Installing Apache
- Installing NGINX
- Installing PHP-FPM
- Installing HHVM
- Installing MySQL
- Installing Magento 2
- Installing Magento 2 on Hypernode
- Managing Magento 2 on Docker

## 2. Magento 2 system tools

- Installing Magento 2 sample data via GUI
- Installing Magento 2 sample data via the command line
- Managing Magento 2 indexes via the command line
- Managing Magento 2 cache via the command line
- Managing Magento 2 backup via the command line
- Managing Magento 2 set mode (MAGE\_MODE)
- Transferring your Magento 1 database to Magento 2

### 3. Enabling Performance in Magento 2

- Configuring Redis for backend cache
- Configuring Memcached for session caching
- Configuring Varnish as a Full Page Cache
- Configuring Magento 2 with CloudFlare
- Configuring optimized images in Magento 2
- Configuring Magento 2 with HTTP/2
- Configuring Magento 2 performance testing

## 4. Creating Catalogs and Categories

- Create a Root Catalog
- Create subcategories
- Manage attribute sets
- Create products
- Manage products in a catalog grid

## 5. Managing Your Store

- Creating shipping and tax rules
- Managing customer groups
- Configuring inventories
- Configuring currency rates
- Managing advanced pricing

# 6. Creating a Magento 2 Theme

- Creating a new theme
- Changing a layout XML of a Magento 2 module
- Adding CSS/JS to pages
- Using Grunt for CSS changes
- Adding static blocks to pages through layout XML
- Adding static blocks to pages through widgets
- Using a dynamic serving theme based on the client browser
- Creating theme-specific translations

# 7. Creating Magento 2 Extensions

## The Basics

- Initializing extension basics
- Working with database models
- Creating tables using setup scripts
- Creating a web route and controller to display data
- Creating system configuration fields
- Creating a backend data grid
- Creating a backend form to add/edit data

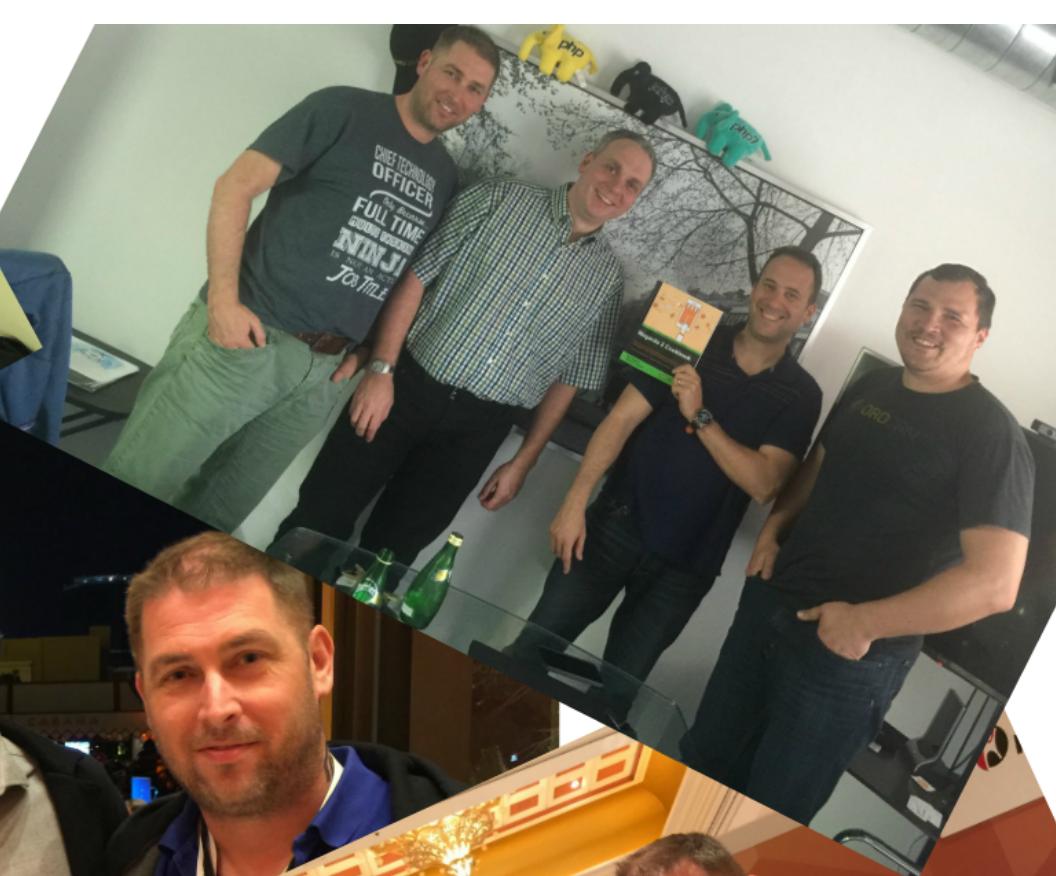
# 8. Creating Magento 2 Extensions

## Advanced

- Using dependency injection to pass classes to your own class
- Modifying functions with the use of plugins – Interception
- Creating your own XML module configuration file
- Creating your own product type
- Working with service layers/contracts
- Creating a Magento CLI command option

# Take aways

- Always work via DTAP
- Choose DevOps setup
- Make your hosting flexible
- Learn GIT/SSH/TDD



# Questions?