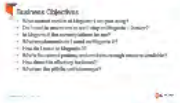
Magento
Commerce
COMMERCE
WITHOUT LIMITS

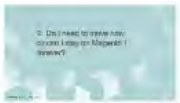
How to migrate your
website to Magento 2
Ray Bogman

Business Objectives


Business Objectives

1. What current version of
Magento 1 are you using?

What version of Magento 1 are you using?
MAGENTO


2. Do I need to move now,
or can I stay on Magento 1
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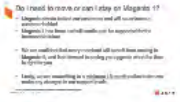
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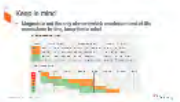
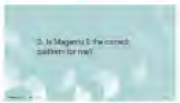
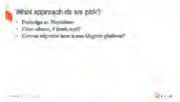

Keep in mind


3. Is Magento 2 the correct
platform for me?

Is Magento 2 the correct platform for me?

4. What requirements do I
need, on Magento 2?


What approach do we pick?

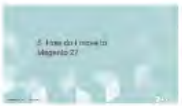
Which methodology to pick?

VuStCoW Business Analysis

User Stories

What are we building?

What are your expectations?


5. How do I move to
Magento 2?

Development

Hosting

Code Freeze
EVERYBODY CHILL OUT
IT'S A CODE FREEZE!

Migration (tool)

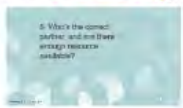
Remove unnecessary extensions
TRASH
TRASH

Remove/Archive old Orders

Design for Performance
Designing for
Performance

Load Test (x3 devices)

Test, test, test, test.....
daily
TEST
TEST


5. What's the correct
pathes and are there
enough resource
available?

Who's the correct partner?
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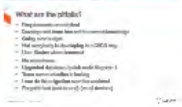
7. How does this affect my
business?

How does this affect my business?

6. What are the pitfalls and
influences?


What are the pitfalls?

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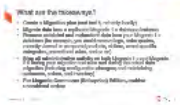
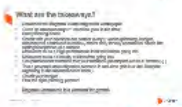

What are the mitigations?


What are the mitigations?

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Event organized by:

webformat

Meet Magento ITALY IT™

24__25
May 2018
VENICE

Title:

How to migrate your website to Magento 2

Ray Bogman

Business Solution Architect
Magento Inc.
www.magento.com

The leading commerce conference

www.meet-magento.it
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BUSINESS TRACK

Magento Commerce

COMMERCE WITHOUT LIMITS

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Ray Bogman

Business Solutions Architect EMEA

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Business Objectives

How to migrate to Magento 2

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Business Objectives

- What current version of Magento 1 are you using?
- Do I need to move now or can I stay on Magento 1 forever?
- Is Magento 2 the correct platform for me?
- What requirements do I need on Magento 2?
- How do I move to Magento 2?
- Who's the correct partner, and are there enough resource available?
- How does this effect my business?
- What are the pitfalls and takeaways?

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1. What current version of Magento 1 are you using?

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What version of Magento 1 are you using?

- Commerce or Community?
- If possible, make sure you are on the latest Magento 1.9.x version
- Or at least 1.6.x

2. Do I need to move now or can I stay on Magento 1 forever?

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Do I need to move or can I stay on Magento 1?

Do I need to move or can I stay on Magento 1?

- Magento stands behind our customers and will never leave a customer behind
- Magento 1 has been and will continue to be supported for the foreseeable future.

- We are confident that every merchant will benefit from moving to **Magento 2**, and look forward to seeing you upgrade when the time is right for you.

- Lastly, we are committing to a minimum 18-month notice before we make any changes to our support levels.

Source: https://magento.com/blog/magento-news/ongoing-magento-1-support

Keep in mind

- Magento is not the only element which reaches an end-of-life somewhere in time, keep that in mind.

Currently Supported Versions

Branch	Initial Release		Active Support Until		Security Support Until	
5.6 *	28 Aug 2014	*3 years, 8 months ago*	19 Jan 2017	*1 year, 3 months ago*	31 Dec 2018	*in 7 months*
7.0	3 Dec 2015	*2 years, 5 months ago*	3 Dec 2017	*5 months ago*	3 Dec 2018	*in 6 months*
7.1	1 Dec 2016	*1 year, 5 months ago*	1 Dec 2018	*in 6 months*	1 Dec 2019	*in 1 year, 6 months*
7.2	30 Nov 2017	*5 months ago*	30 Nov 2019	*in 1 year, 6 months*	30 Nov 2020	*in 2 years, 6 months*

Or, visualised as a calendar:

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3. Is Magento 2 the correct platform for me?

Is Magento 2 the correct platform for me?

- What is your business like? B2C, B2B or both?
- How does your platform look like? (ERP, PSP, OM, CRM)
- What is your TCO? (total cost of ownership)
- Where is your focus? (on Business or IT)
- What's your Platform knowledge (staff, customers)
- What's your ROI? (return of investment)
- Can the platform grow with the business?
- What are you business plans for the future?

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4. What requirements do I need on Magento 2?

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What approach do we pick?

- Redesign vs. Replatform
- Clean sleeve, A fresh start?
- Can we migration from a non-Magento platform?

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Which methodology to pick?

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MoSCoW Business Analysis

Letter	Meaning	Description
M	MUST	Describes a requirement that must be satisfied in the final solution for the solution to be considered a success.
S	SHOULD	Represents a high-priority item that should be included in the solution if it is possible. This is often a critical requirement but one which can be satisfied in other ways if strictly necessary.
C	COULD	Describes a requirement which is considered desirable but not necessary. This will be included if time and resources permit.
W	WOULD	Represents a requirement that stakeholders have agreed will not be implemented in a given release, but may be considered for the future.

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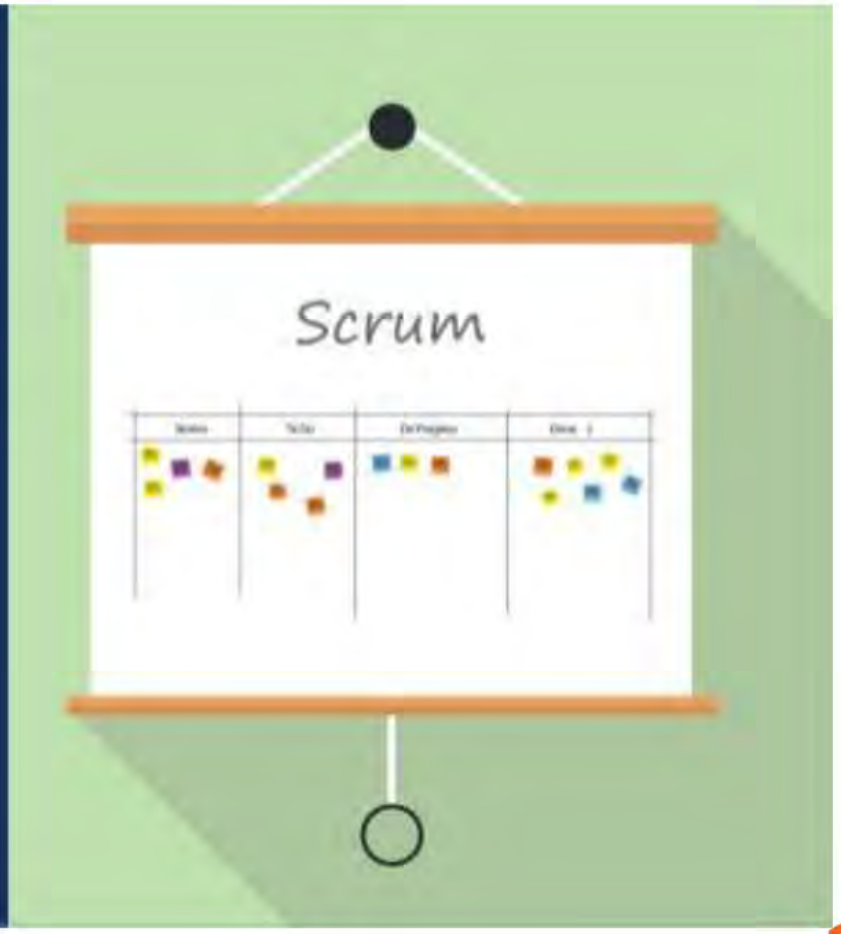
User Stories

USER STORIES

ACTION STORIES FOR THE SOFTWARE USER. THAT DESCRIBES THE TYPE OF USER, WHAT THEY WANT AND WHY. A USER STORY HELPS TO CREATE A SIMPLIFIED DESCRIPTION OF A REQUIREMENT.



What are we building?

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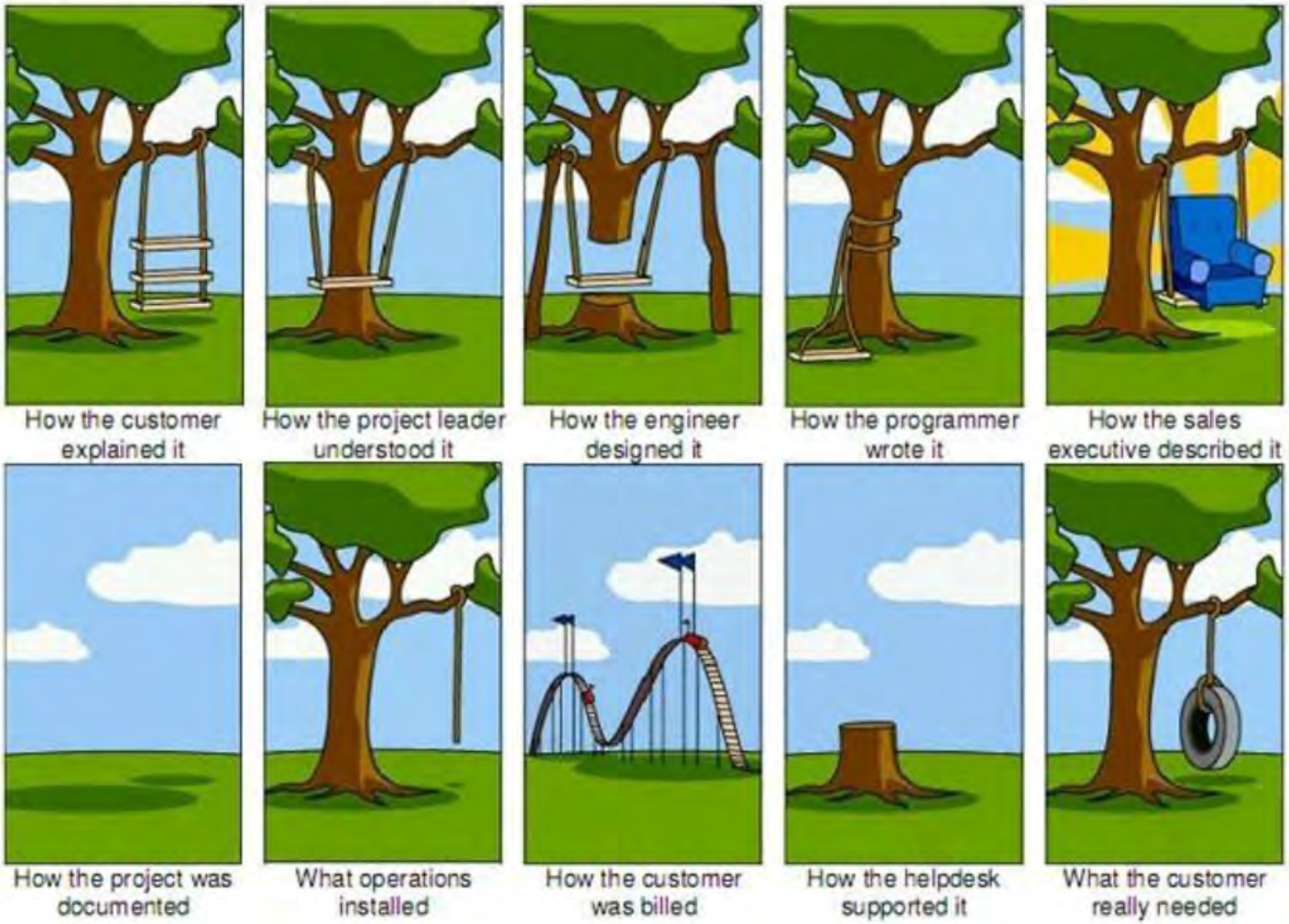
What are we building?



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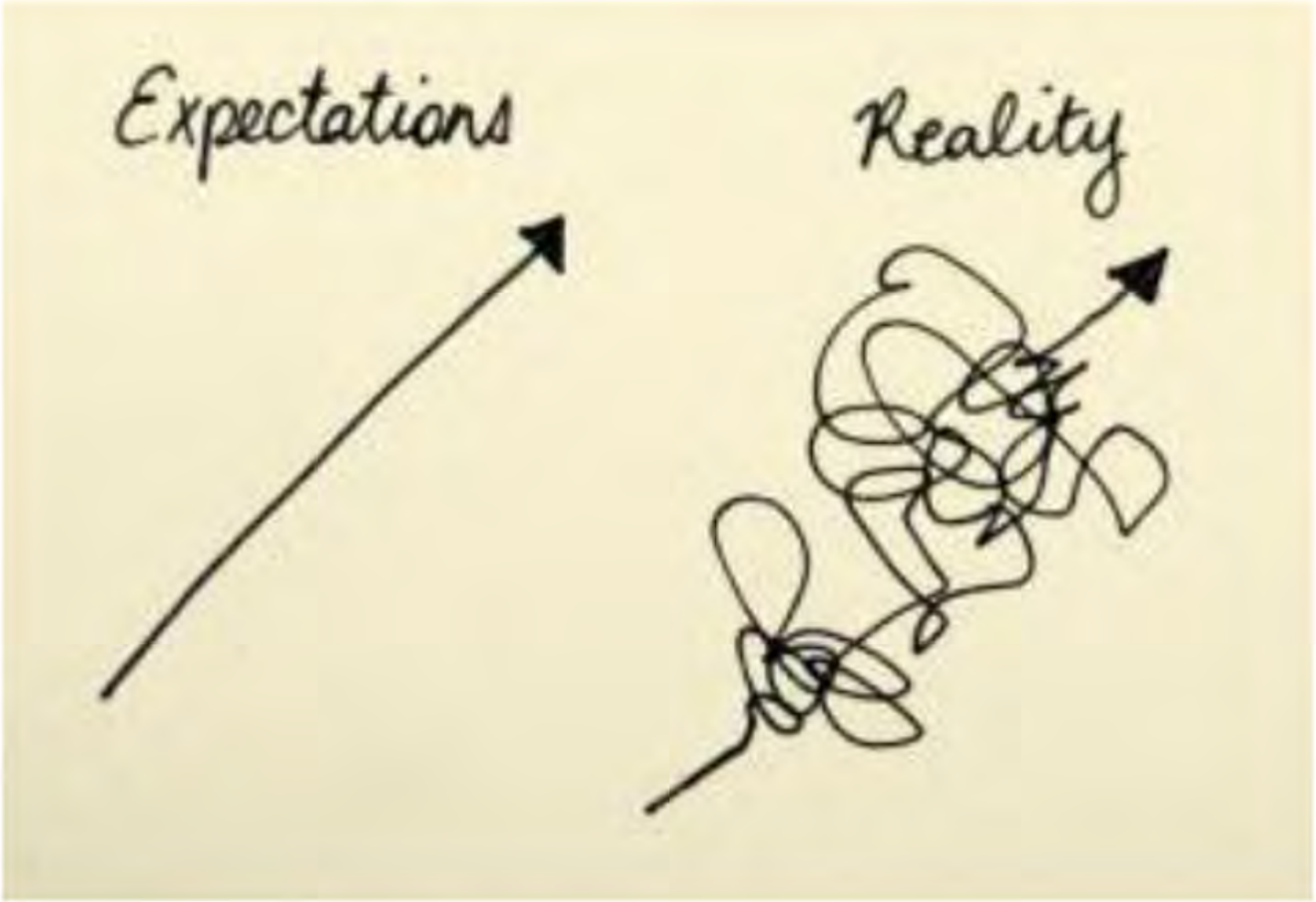
How the project was documented | What operations installed | How the customer was billed | How the helpdesk supported it | What the customer really needed

What are your expectations?



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5. How do I move to Magento 2?

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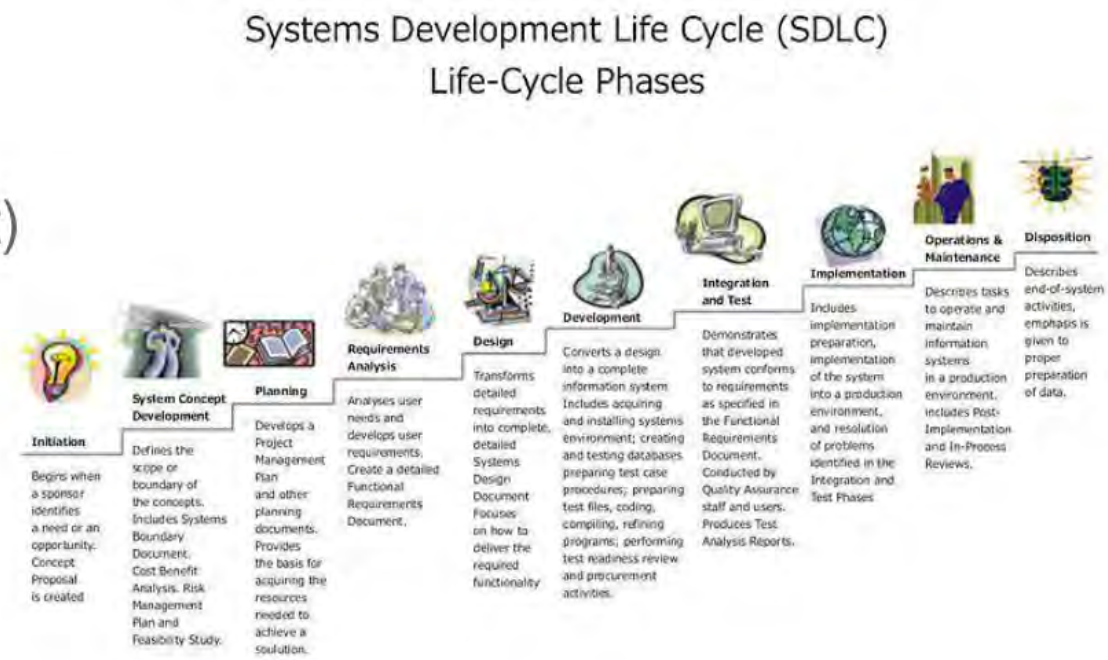
Development

Development

- SDLC
- CI (Continuous Integration)
- CD (Continuous Development)
- UX testing
- Tooling (JIRA, GIT, Travis)
- DevOps team



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Hosting

- Shared ??
- Dedicated (hosted/on-premises)
- Cluster
- Cloud
- Headless (PWA)
- “Severless”

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Code Freeze

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Code Freeze

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Migration (tool)

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Remove unnecessary extension

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Remove/Archive old Orders

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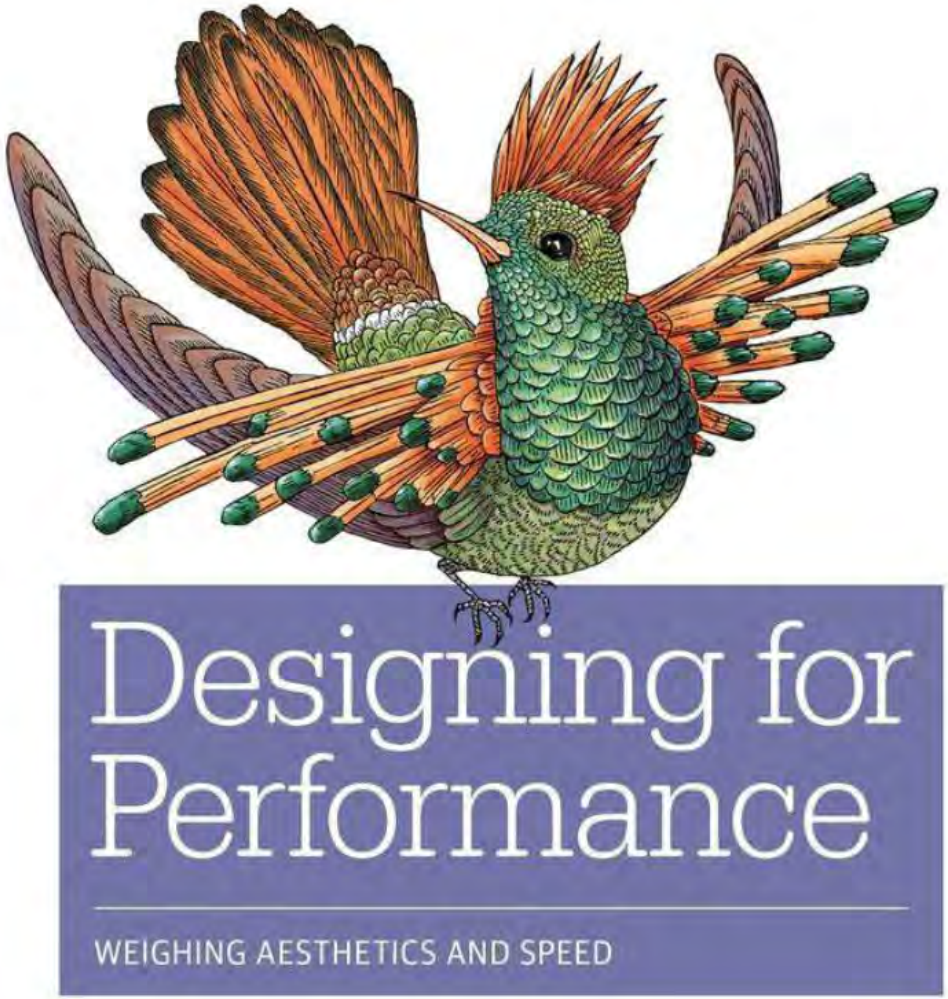
Design for Performance



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Load Test (all devices)

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Test, test, test, test.....

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6. Who's the correct partner, and are there enough resource available?

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Who's the correct partner?

Who's the correct partner?

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https://magento.com/services

7. How does this effect my business?

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How does this effect my business?

- Investment
- Time
- Business continuity
- Migration plan (old data)
- Business continuity
- Security
- Staff
- Customers

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8. What are the pitfalls and takeaways?

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What are the pitfalls?

What are the pitfalls?

- Requirements are not final
- Development team has not the correct knowledge
- Going over budget
- Not everybody is developing in a CI/CD way
- User Stories where incorrect
- No code freeze
- Upgraded database / patch code Magento 1
- Team communication is lacking
- I can do this migration over the weekend
- Forgot to test (end-to-end) (on all devices)

What are the pitfalls?

- Hosting setup was not production like
- Experience issues
- Exhaustion issues
- Client (ecommerce manager) is unware
  or the (new) technologie(s), but approves releases
- No daily or weekly meeting (communication)

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What are the takeaways?

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What are the takeaways?

- Create a **Migration plan** (and test it, not only locally)
- **Migrate data** from a replicated Magento 1.x database instance.
- **Remove outdated and redundant data** from your Magento 1.x database (for example, you could remove logs, order quotes, recently viewed or compared products, visitors, event-specific categories, promotional rules, and so on).
- **Stop all administrative activity** on both Magento 1.x and Magento 2.0 during your migration test runs and during the actual data migration (including configuration changes; and maintaining customers, orders, and inventory).
- **For Magento Commerce (Enterprise) Edition, archive unarchived orders**

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What are the takeaways?

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What are the takeaways?

- Download the **Magento 2 data migration whitepaper**
- Clean up **unnecessary** 3rd modules (now is the time)
- Start planning ahead
- Check with your development partner every 2 weeks (planning, budget, releases) for a business overview, and/or daily for any operational needs like testing/acceptance of a release.
- Make sure to do a High performance load test before going live.
- Make sure to do a Security audit before going live.
- Use professional testers to test your releases (developers are NOT testers ;-))
- Test a pre-production migration scenario in real-time (this is a vital blueprint regarding to the maintenance window)
- Check your budget
- Pick the right (hosting) partner!

- **Magento Commerce is a platform for growth**

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