Presenting Luggage:
An Open Web Platform for Iowa State University and Beyond

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- Disclaimers
- Our Values
- The Web Problem
- What We Have Done
- How You Can Benefit

Disclaimers

https://www.flickr.com/photos/mikecogh/11323682233/i

Disclaimers

- We are not waging a holy war
- We are not finished
- We are doing our best
- We emphasize process

Values

- Openness
- Collaboration
- “As simple as possible but no simpler.”
- Best practices
- Roll with the majority
- Real world solutions

Goals

- Solve common problems once
- Bundle configuration and functionality
- Keep features separate and independent
- Use common tools
- Have fun

The Problem

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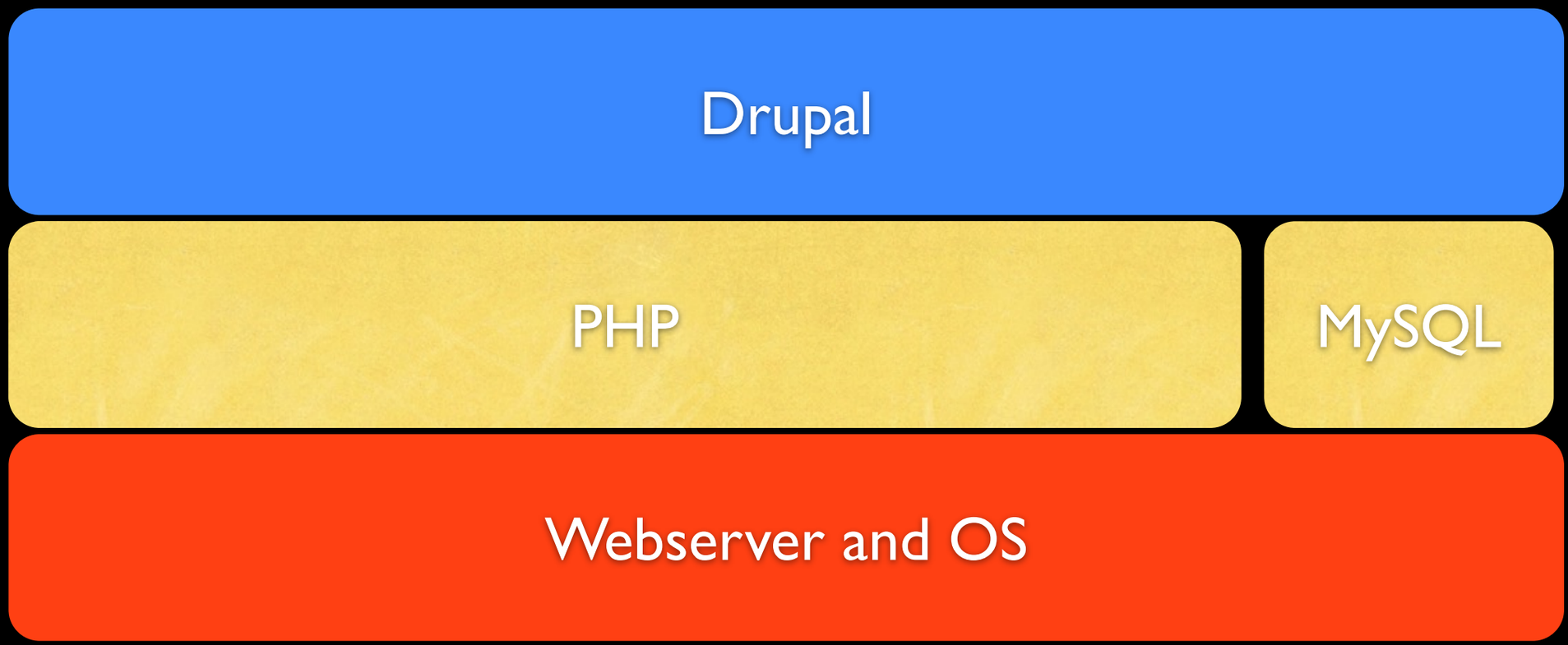
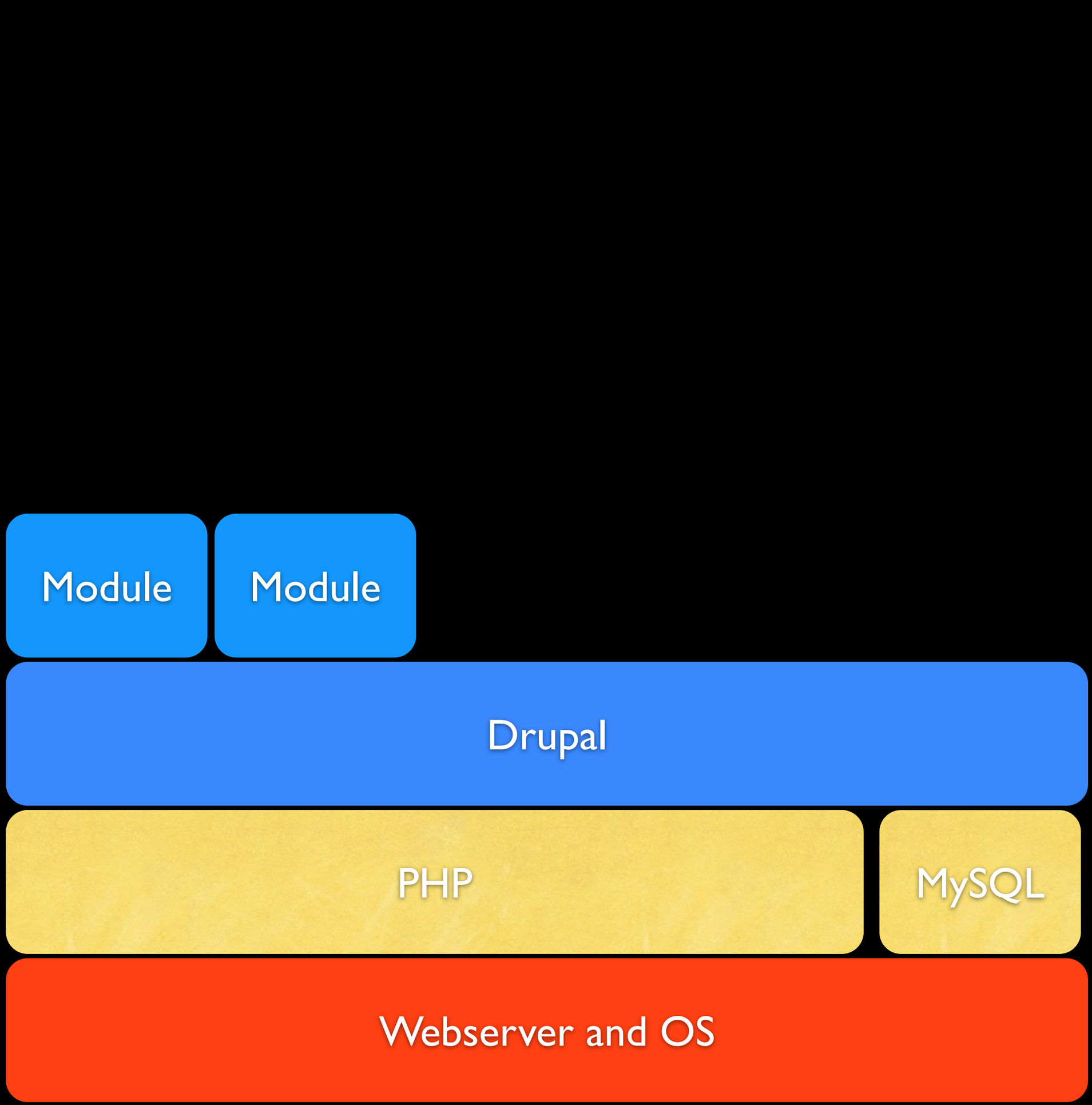

Drupal
PHP
MySQL
Webserver and OS


Module
Module
Drupal
PHP
MySQL
Webserver and OS

Configuration

View

Module

Module

Drupal

PHP

MySQL

Webserver and OS

Feature

Configuration

View

Module

Module

Drupal

PHP

MySQL

Webserver and OS

Feature 1

Configuration

View

Module

Module

Feature 2

Configuration

View

Module

Module

Drupal

PHP

MySQL

Webserver and OS

Feature 1

Configuration

View

Module

Module

Feature 2

Configuration

View

Module

Module

Drupal

PHP

MySQL

Webserver and OS

Features

- Announcements
- Biblio
- CKEditor
- Events
- Content Indicator
- News
- People
- Piwik
- Projects
- Pubcookie/LDAP
- Resources
- SEO
- Solr
- Suitcase

Theme Layer (“skin”). ISU theme is called “Suitcase”

Feature 1

Configuration

View

Module

Module

Feature 2

Configuration

View

Module

Module

Drupal

PHP

MySQL

Webserver and OS

Web Development Best Practices

Change Management: Worst Practice

Production Server

Development
Testing
Staging
Live

Change Management: Best Practice

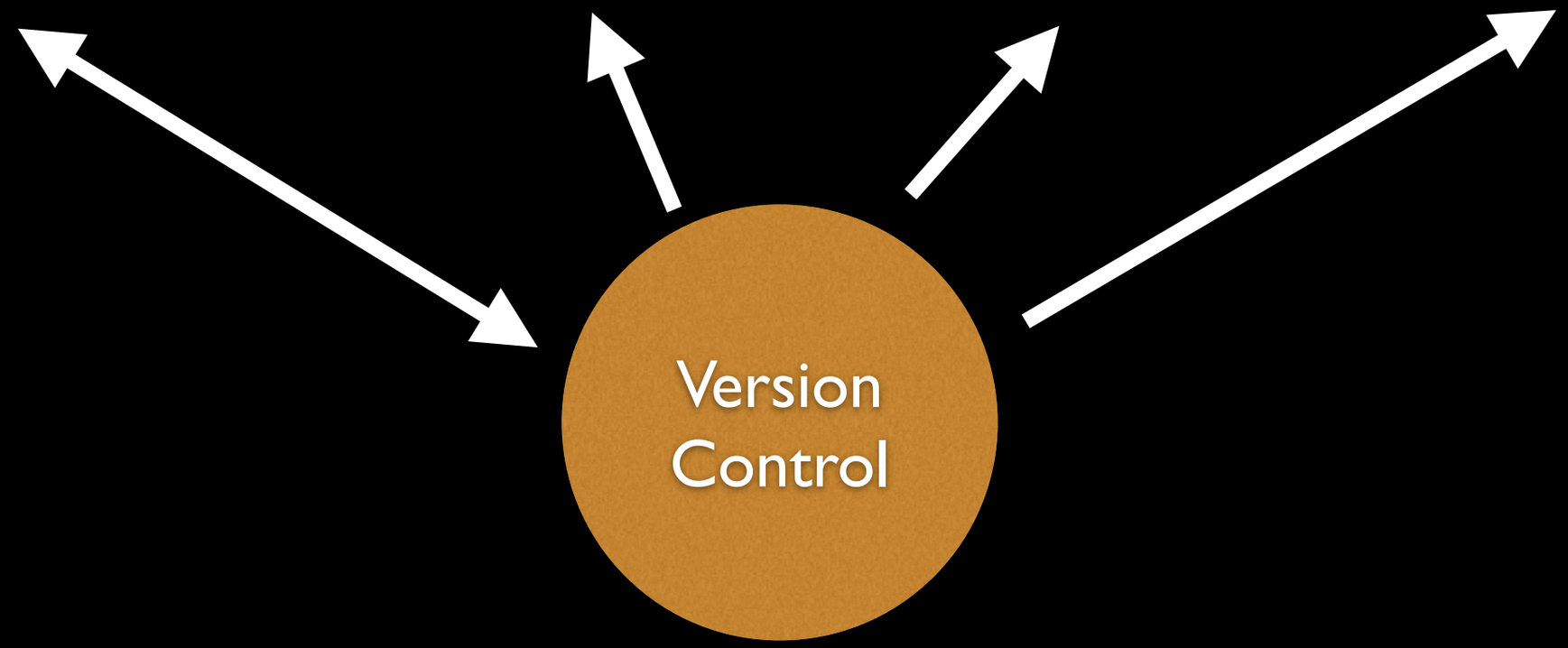
Change Management: Best Practice

Development

Testing

Staging/Preview

Production



Upstream

Drupal 7

Stock Drupal 7

Luggage

Core with patches not yet in upstream
Modules with patches not yet in upstream
git submodules (pointers) for features

Luggage_ISU

Add configuration and modules specific to Iowa State University's environment

Luggage_ISU_yourname

Add configuration and modules specific to your department or unit environment

Downstream

github.com/isubit

CIDUG:

groups.drupal.org/iowa

#drupalcorn, #luggage