

LEVEL UP YOUR DEVELOPMENT EXPERIENCE WITH LANDO

Presented by

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Owner Arrow One Solutions





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drupal.org/u/arrow





LANDO

**A short time ago in a galaxy really,
really close....**

In-House Development Servers



Native Solutions



LAMP



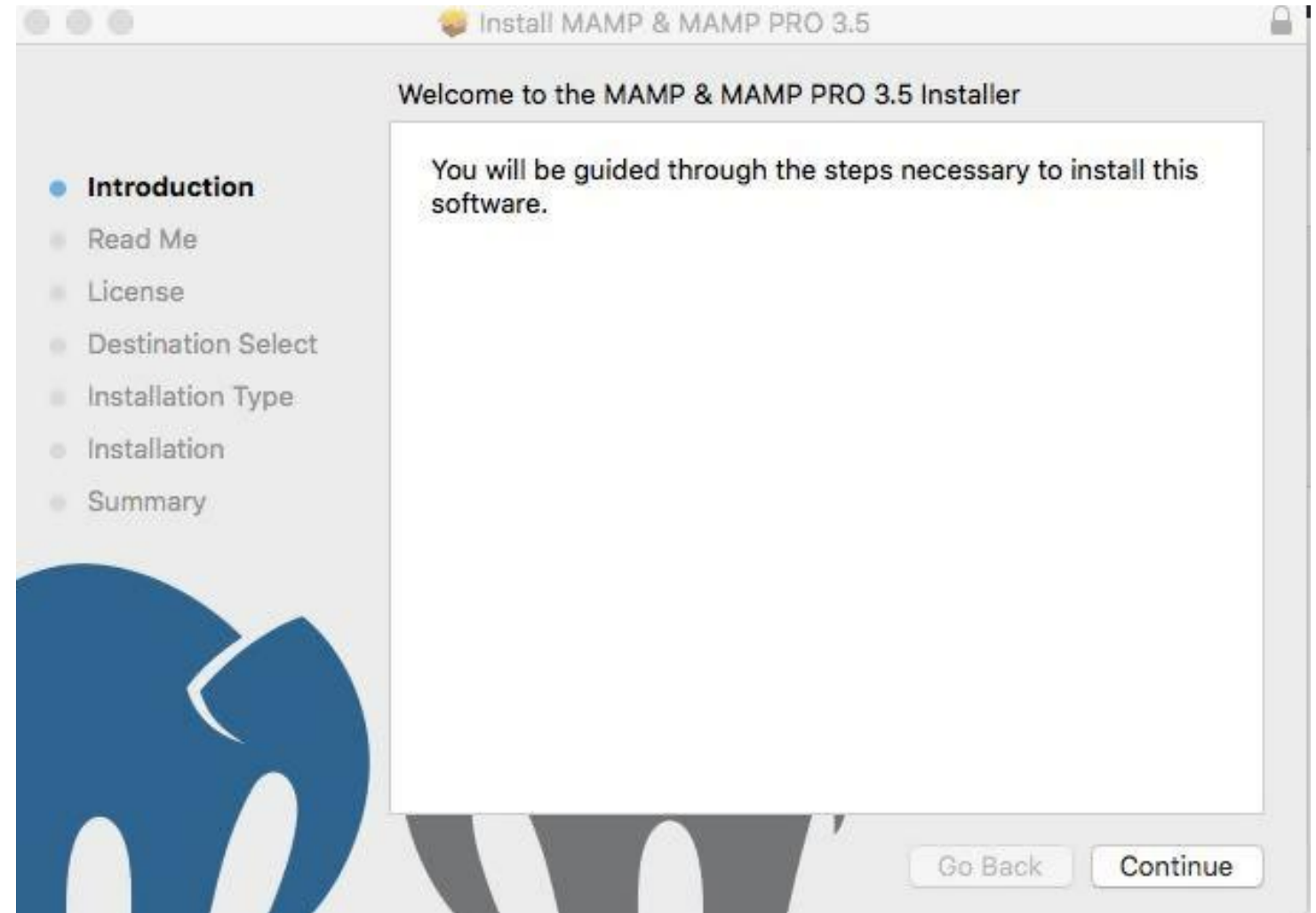
WAMP



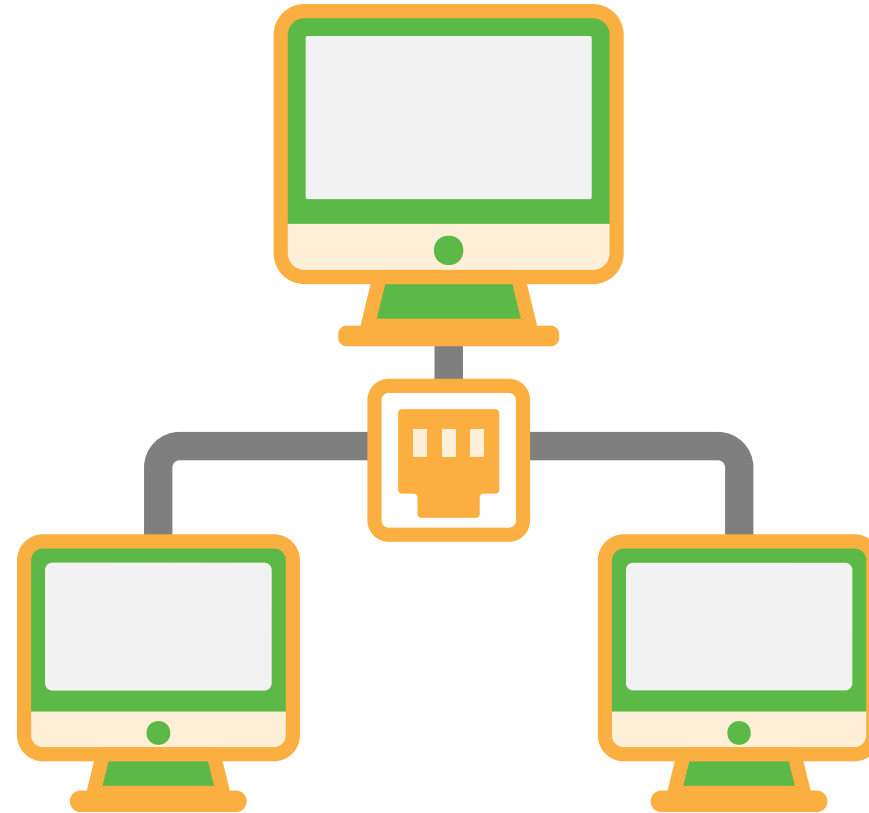
MAMP



Integrated Packages



Virtual Machines



CONTAINERS



```
Aaron@ARROWONE ~/sites/demo
λ lando start
Let's get this party started! Starting app..
Starting demo_database_1 ... done
Starting demo_appserver_1 ... done
Waiting until database service is ready...
Waiting until appserver service is ready...
```

BOOMSHAKALAKA!!!

Your app has started up correctly.
Here are some vitals:

NAME	demo
LOCATION	C:\Users\Aaron\sites\demo
SERVICES	appserver, database
APPSERVER URLS	https://localhost:32810 http://localhost:32811 http://demo.lndo.site https://demo.lndo.site

```
Aaron@ARROWONE ~/sites/demo
```

```
λ
```

LANDO

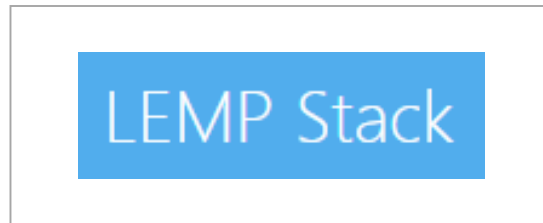
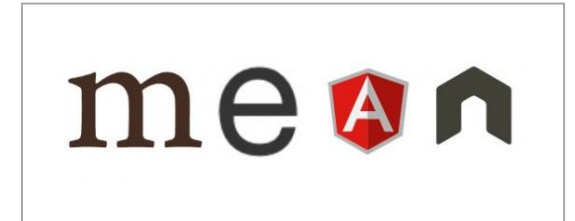
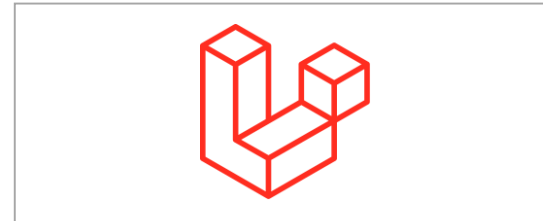
The word "LANDO" is written in a large, bold, purple-to-blue gradient font. The letter "O" is stylized with a white swoosh that curves around its right side.

What can Lando do?

- ▶ Easily mimic production locally
- ▶ Standardize development environments and tooling across OSX, Windows, and Linux
- ▶ Integrates with hosting providers like Pantheon
- ▶ Store your configuration in a single version-controlled file
- ▶ Easily customize or extend tooling, deployment options and basically any other functionality

Recipes

Pre-configured start states



Base Languages



Services



.lando.yml

```
name: drupaltest
recipe: drupal8
drupal: true
config:
  webroot: docroot
  php: '7.0'
  xdebug: true

services:
  mailhog:
    type: mailhog
  database:
    type: mysql:5.7

proxy:
  phpmyadmin:
    - mail.drupaltest.lndo.site
```

Example Config

ADVANCED TOOLING



.lando.yml

name: lando-demo

recipe: drupal8

node:

 type: node:8

tooling:

 install:

 description: Install Composer dependencies and copy assets into Drupal theme

 cmd:

- appserver: cd /app/drupal/ && composer install
- node: yarn --cwd /app/fractal install
- node: yarn --cwd /app/fractal compile
- appserver: rsync -av --delete /app/fractal/tmp/assets/ /app/drupal/docroot/themes/mytheme/assets/

ADVANCED TOOLING



.lando.yml

tooling:

db-reset:

description: Reset the Drupal environment

cmd:

- database: cd /app && /helpers/sql-import.sh \$(ls -t *.sql.zip -t *.sql.gz | head -n1)
- appserver: cd /app/drupal && /app/drupal/vendor/bin/drush cache:rebuild
- appserver: cd /app/drupal && /app/drupal/vendor/bin/drush updatedb --yes
- appserver: cd /app/drupal && /app/drupal/vendor/bin/drush config:import --yes
- appserver: cd /app/drupal && /app/drupal/vendor/bin/drush cache:rebuild
- appserver: cd /app/drupal && /app/drupal/vendor/bin/drush user:login

ADVANCED TOOLING



.lando.yml

```
tooling:  
  deploy-drupal:  
    description: Build and deploy the Drupal codebase to a specified environment.  
    service: appserver  
    cmd: cd /app/scripts && /app/scripts/deploy.sh  
    options:  
      env:  
        passthrough: true  
        interactive:  
          type: input  
          message: Which environment (dev, stg)?  
          default: dev  
          weight: 600
```

Decoupled

.lando.yml

```
name: decoupled  
recipe: drupal8
```

```
config:  
  webroot: drupal/web  
  drupal: true  
  drush: path:/app/drupal/vendor/bin/drush
```

```
proxy:  
  nginx:  
    - a1cms.lndo.site  
  nodejs:  
    - a1web.lndo.site:8000
```

Decoupled

.lando.yml

```
services:  
  nodejs:  
    type: node:9  
    overrides:  
      services:  
        ports:  
          - 8000:8000  
        environment:  
          GATSBY_WEBPACK_PUBLICPATH: "http://a1dev.lndo.site"  
    globals:  
      gatsby-cli: "latest"
```

Decoupled



.lando.yml

```
tooling:  
  npm:  
    service: nodejs  
  node:  
    service: nodejs  
  gatsby:  
    service: nodejs  
  
develop:  
  service: nodejs  
  description: Start Gatsby development server.  
  cmd:  
    - cd $LANDO_MOUNT/gatsby && gatsby develop --host 0.0.0.0
```

https://docs.lando.dev

DOCUMENTATION

LANDO documentation

- Introduction
- CLI Usage
- INSTALLATION
- System Requirements
- Preflight Checks
- MacOS
- Linux
- Windows
- From Source
- Updating
- Uninstalling
- RECIPES
- Backdrop
- Drupal 6
- Drupal 7
- Drupal 8
- Joomla
- Laravel
- LAMP
- LEMP
- MEAN

☰
EDIT PAGE
⚠

DRUPAL 8

Drupal is a free and open source content-management framework written in PHP the GNU General Public License. Drupal provides a back-end framework for at I worldwide – ranging from personal blogs to corporate, political, and government

Lando offers a configurable [recipe](#) for developing [Drupal 8](#) apps.

- [Getting Started](#)
- [Configuration](#)
 - [Choosing a php version](#)
 - [Choosing a webserver](#)
 - [Choosing a database backend](#)
 - [Using Drush](#)
 - [Using a site-local Drush](#)
 - [Default URL Setup](#)
 - [Aliases](#)
 - [Configuring your root directory](#)
 - [Using xdebug](#)
 - [Using custom config files](#)
- [Connecting to your database](#)
- [Importing Your Database](#)
- [Tooling](#)
- [Example](#)
- [Additional Reading](#)

Prefer video tutorials?

Live Demo

```
( function (ko, datacontext) ) {
  <div style="background-image:url('/pix/samples/bgl.gif');
    background . text- todoitem ;
    height . text - :200px;">
  <p>The image can be tiled across the background, while the text runs across the top.</p>
</div>
```

// persisted properties

```
<html> <p style="font-weight:bold;">HTML font code is done using CSS.</p>
<html> <body style="background-color:yellowgreen;color:white;">
<html> <.todolistid = data.todoidb;
```

// Non - persisted properties

```
<html> <errorMessage = ko , observable() ;
<p style="color:orange;">HTML font code is done using CSS.</p>
```

```
function todoitem(data) { ;
  var self = this ;
  data = dta || {} ;
```

```
<p>You can make <span style="font-style:italic">some</span> the HTML 'span' tag.
<p>You can bold <span style="">parts</span> of your text using the HTML tag.</p>
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<p>You can bold <span style="">parts</span> of your text using the HTML tag.</p>
```

```
<p>You can make----- <span style="font- alic">
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```

```
todoitem(data) { ;
var self = this ;
data = dta || {} ;
```

A short time ago in a galaxy really, really close....

**A SHORT TIME AGO IN A
GALAXY REALLY, REALLY CLOSE....**

PLANDO