LEVEL UP YOUR DEVELOPMENT EXPERIENCE WITH LANDO

Presented by
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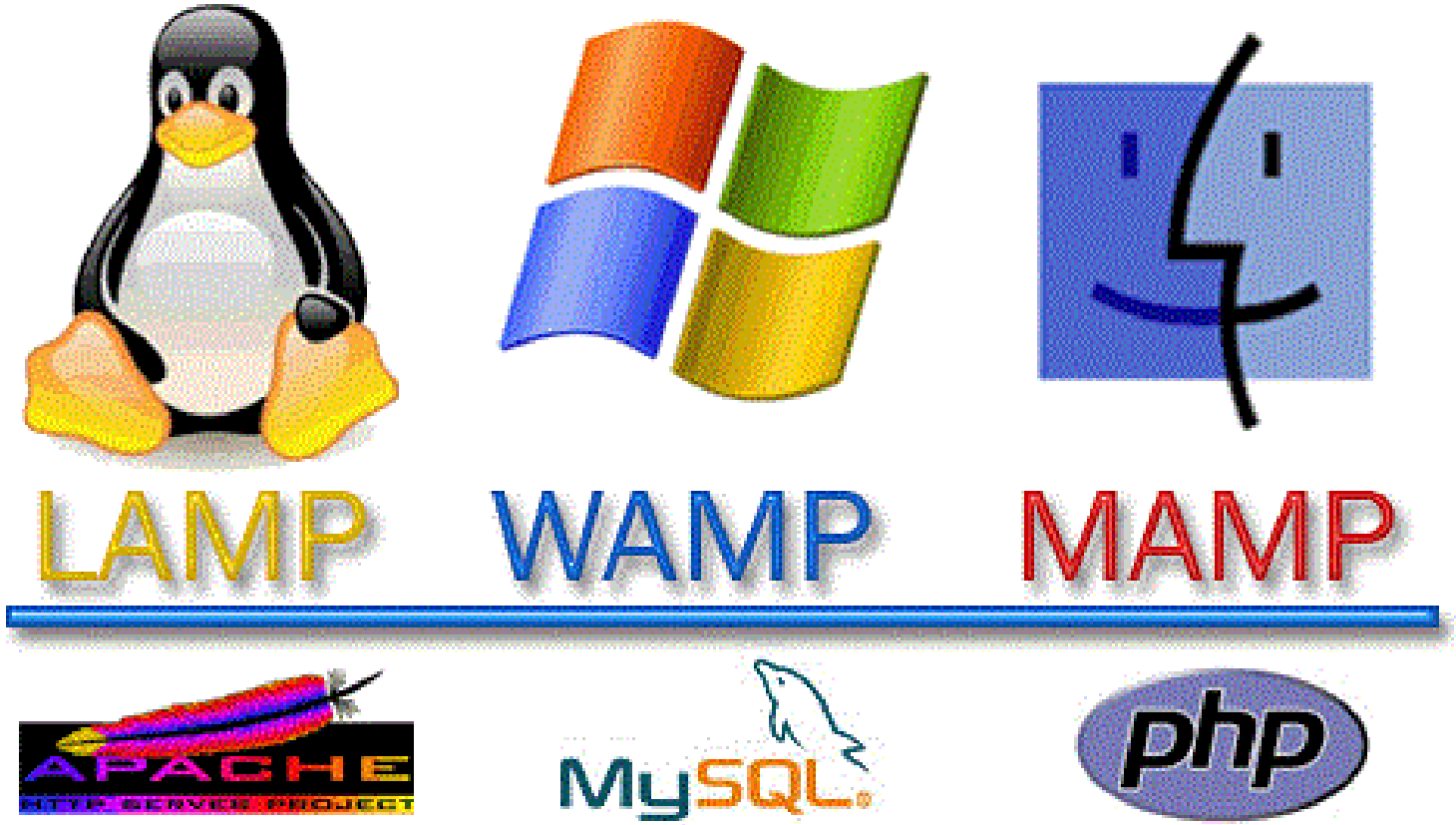
drupal.org/u/arrow

LANDO

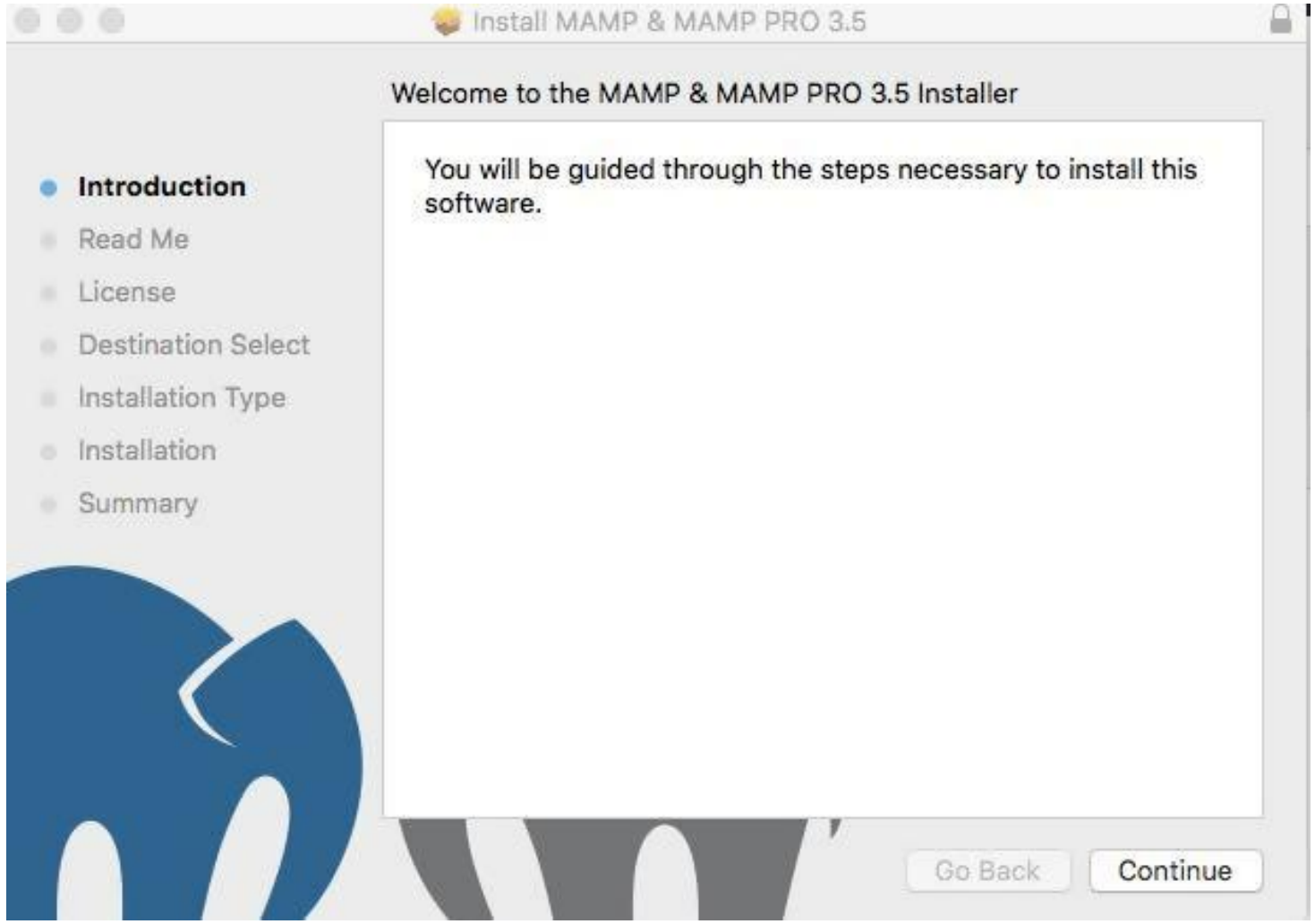
A short time ago in a galaxy really, really close....

In-House Development Servers

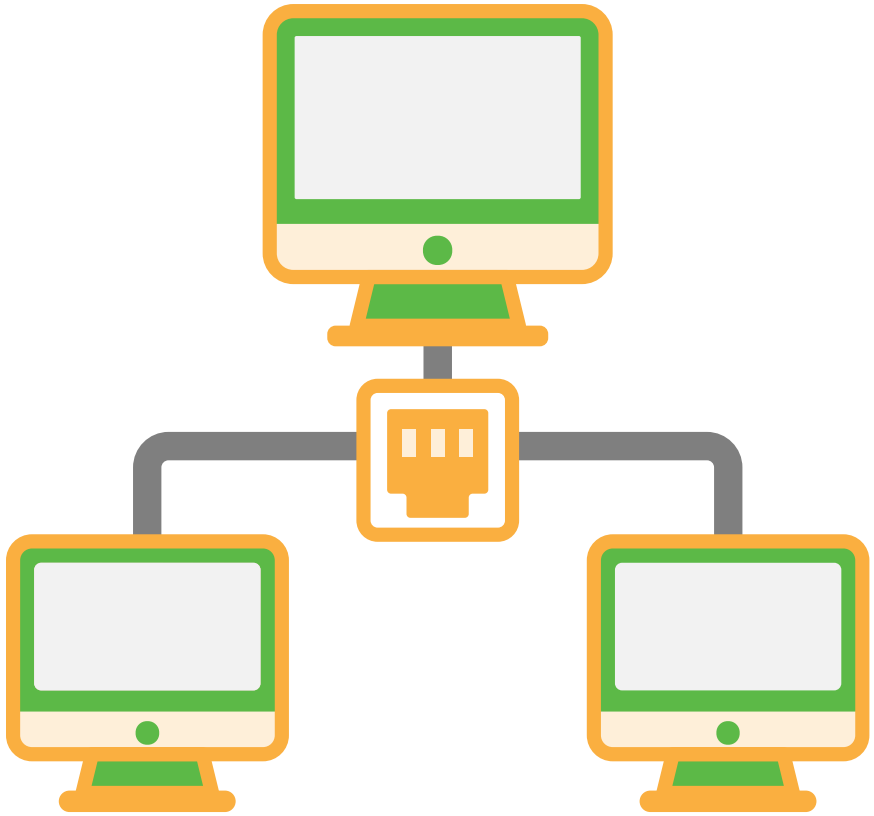
Native Solutions



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
```

ArrowONE solutions

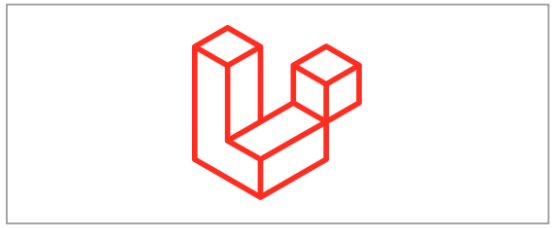
LANDO

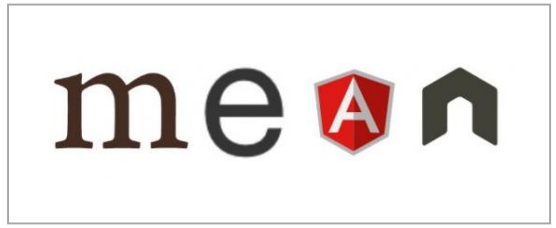
What can Lando do?

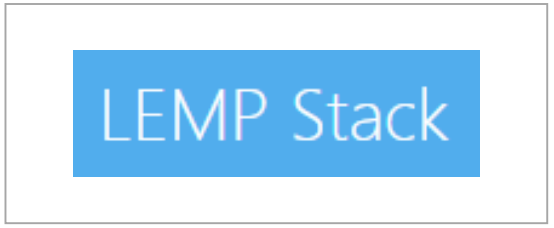
- Easily mimic production locally
- Standardize development environments and tooling across OSX, Windows, and Linux
- Integrates with hosting providers like Pantheon
- Store your configuration in a single version-controlled file
- Easily customize or extend tooling, deployment options and basically any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

Recipes

Pre-configured start states







Base Languages

Services

Example Config

.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
```

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

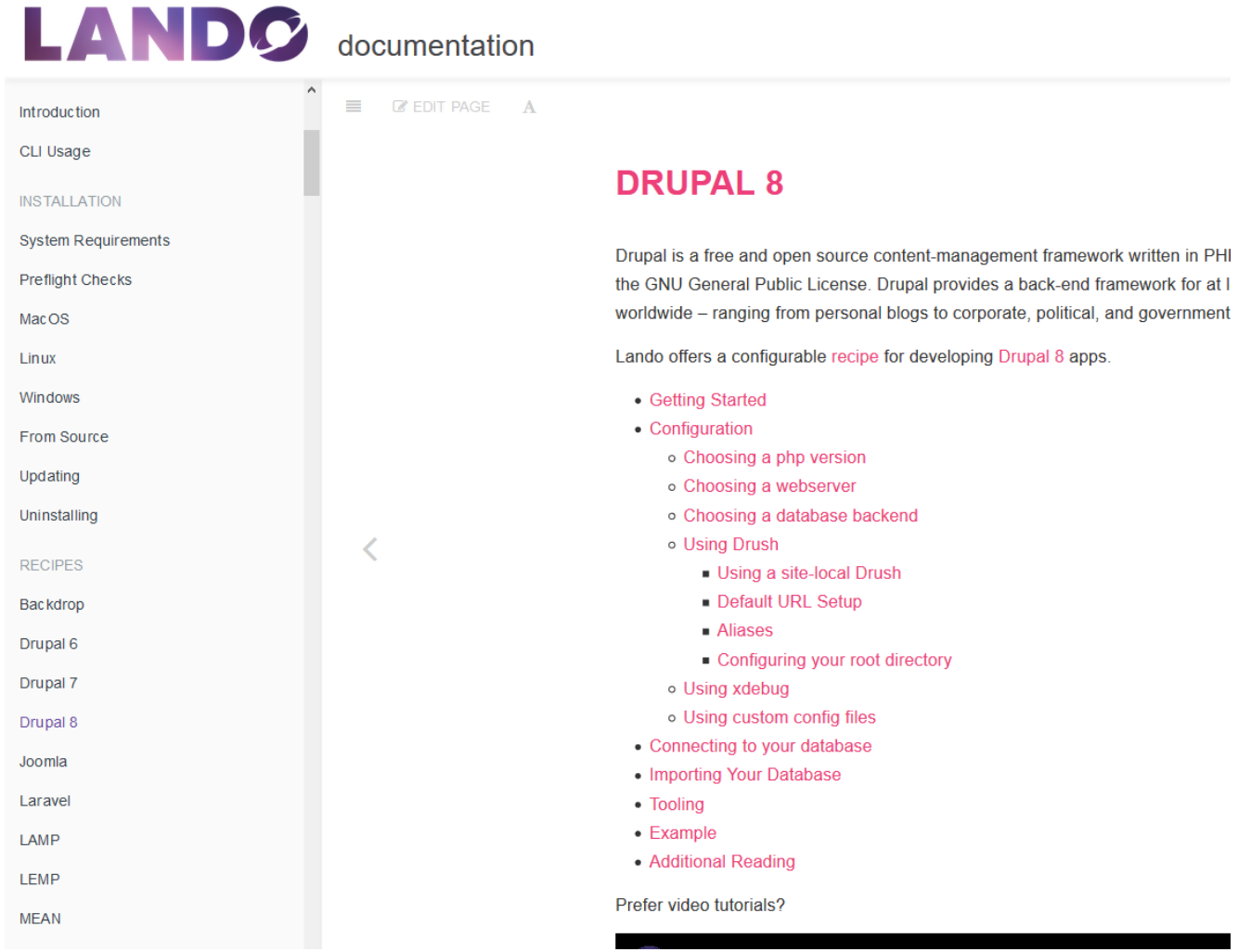
.lando.yml

```
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
```

DOCUMENTATION

https://docs.lando.dev



Live Demo

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

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

LANDO