

Using DDEV for Drupal Development

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Drupal



RUTGERS



DDEV

Disclaimer:

THIS PRESENTATION WILL FOCUS ON HOW I USE DDEV
FOR MY DRUPAL DEVELOPMENT. YMMV...

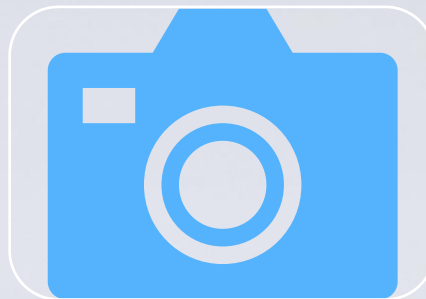
Agenda

- REASONS FOR USING DDEV
- WHERE DDEV CAN RUN
- INSTALLING DOCKER, DDEV, AND DRUPAL IN WSL2
- INSTALLING PHPSTORM
- USING DDEV
- RESOURCES

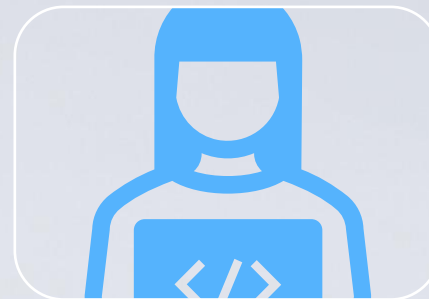
Reasons for Using DDEV:



Very easy to spin up
a local test site

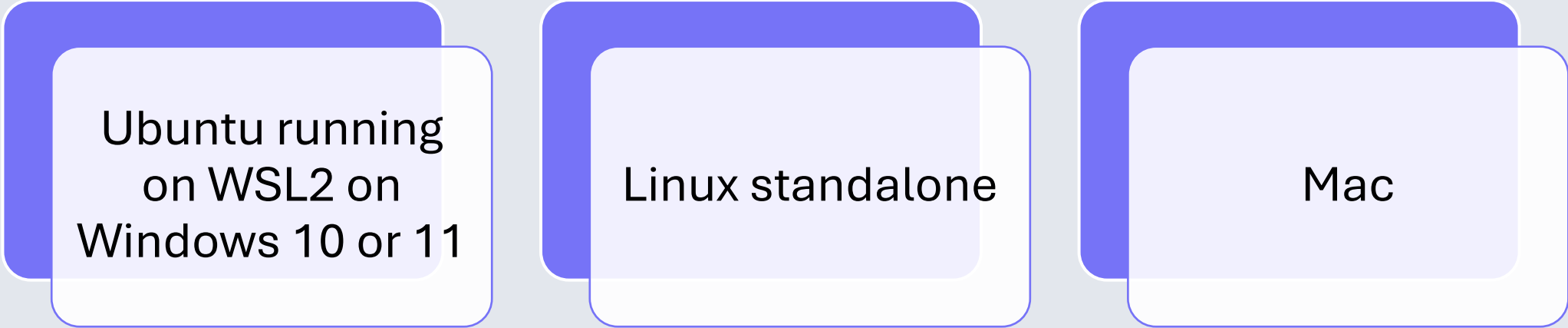


Easy to share site with
others running DDEV
(Using git or Tarballs &
DDEV snapshot)



DDEV can also be used
for non-Drupal code
development (PHP,
HTML)

Where Can DDEV Run?



Ubuntu running
on WSL2 on
Windows 10 or 11

Linux standalone

Mac

Installing Docker and DDEV in Wsl2

<https://ddev.readthedocs.io/en/stable/users/install/ddev-installation/#windows>

<https://www.drupal.org/docs/develop/local-server-setup/windows-development-environment/installing-drupal-with-ddev-in-wsl2-on-windows/installing-docker-ddev-drupal-in-wsl2>

Install PHPstorm:

General installation:
<https://www.jetbrains.com/help/phpstorm/installation-guide.html>

Installing on Ubuntu:
<https://snapcraft.io/install/phpstorm/ubuntu>

Configure & Start DDEV:

```
$ ddev config
```

Then follow the prompts

```
$ ddev start
```

Installing Drupal

“Standard” installation with the docroot at “/web” (latest release):

```
$ ddev composer create drupal/recommended-project
```

```
$ ddev composer require drush/drush
```

or

Install another release:

```
$ ddev composer create drupal/recommended-project:^10
```

```
$ ddev composer require drush/drush
```

```
$ddev drush si -y
```

Installing Drupal (continued):

Installation for sites that don't use the docroot at “/web”
(cPanel sites)

```
$ ddev composer create drupal/legacy-project
```

```
$ ddev composer require drush/drush
```

```
$ddev drush si -y
```

Installing Drupal (continued):

Drupal CMS:

```
$ ddev composer create-project drupal/cms
```

```
$ddev drush si -y
```

Now What? 😊

- Get the site on your browser:
`$ ddev drush uli`
- Start PHPstorm for debugging & coding
`$ phpstorm . 2>/dev/null >/dev/null &`
- Turn on debug watch in PHPstorm by clicking on 
- Enable/disable xdebug via ddev
`$ ddev xdebug on/off`
- Set breakpoints in the code in PHPstorm

More ddev & drush Resources:



\$ drush php:cli



\$ ddev describe



\$ ddev snapshot --name=db-backup-name



\$ ddev snapshot restore

Resources:

<https://www.drupal.org/docs/develop/local-server-setup/windows-development-environment/installing-drupal-with-ddev-in-wsl2-on-windows/installing-docker-ddev-drupal-in-wsl2>

<https://www.drupal.org/docs/getting-started/installing-drupal/install-drupal-using-ddev>

Discord -- <https://ddev.com/s/discord>

ddev channel on the Drupal Slack

Thank you!

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The background of the slide is composed of various translucent, 3D-rendered bubbles in shades of blue and purple. These bubbles are of different sizes and are scattered across the frame, with a larger, more complex bubble structure on the left side and several smaller, simpler spheres on the right and bottom. The overall effect is a soft, organic, and modern aesthetic.

Questions?