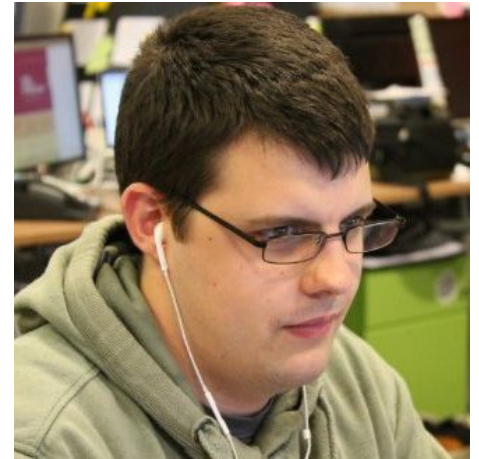


Modern Drupal Development with Composer

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The Old Ways

- Download an archive from [Drupal.org](https://drupal.org)
- Use Drush commands (`drush dl`)
- Use Drush Make

Composer

- Drupal Packagist (deprecated)
- Composer endpoints on Drupal.org (beta)
- Manage core and contrib as dependencies
- Both Drupal 7 and 8

Why?

- "Getting off the island"
- Better versioning support
- Automatic dependency management

Add a new repository

```
$ composer config \
repositories.drupal composer \
https://packages.drupal.org/8
```

composer.json

```
{
  "repositories": {
    "drupal": {
      "type": "composer",
      "url": "https://packages.drupal.org/8"
    }
  }
}
```

Custom directories

```
"extra": {  
  "installer-paths": {  
    "modules/contrib/{$name}": ["type:drupal-module"],  
    "profiles/contrib/{$name}": ["type:drupal-profile"],  
    "themes/contrib/{$name}": ["type:drupal-theme"]  
  }  
}
```


Adding Modules

```
$ composer require drupal/pathauto:^1.0
```

```
...
```

- Installing drupal/token (1.0.0-beta2)
 Downloading: 100%
- Installing drupal/ctools (3.0.0-alpha27)
 Downloading: 100%
- Installing drupal/pathauto (1.0.0-beta1)
 Downloading: 100%

Adding Modules with Dependencies

```
$ composer require drupal/address:^1.0
```

```
...
```

```
- Installing commerceguys/addressing (v1.0.0-beta1)  
  Downloading: 100%
```

```
...
```

```
- Installing drupal/address (1.0.0-rc3)  
  Downloading: 100%
```

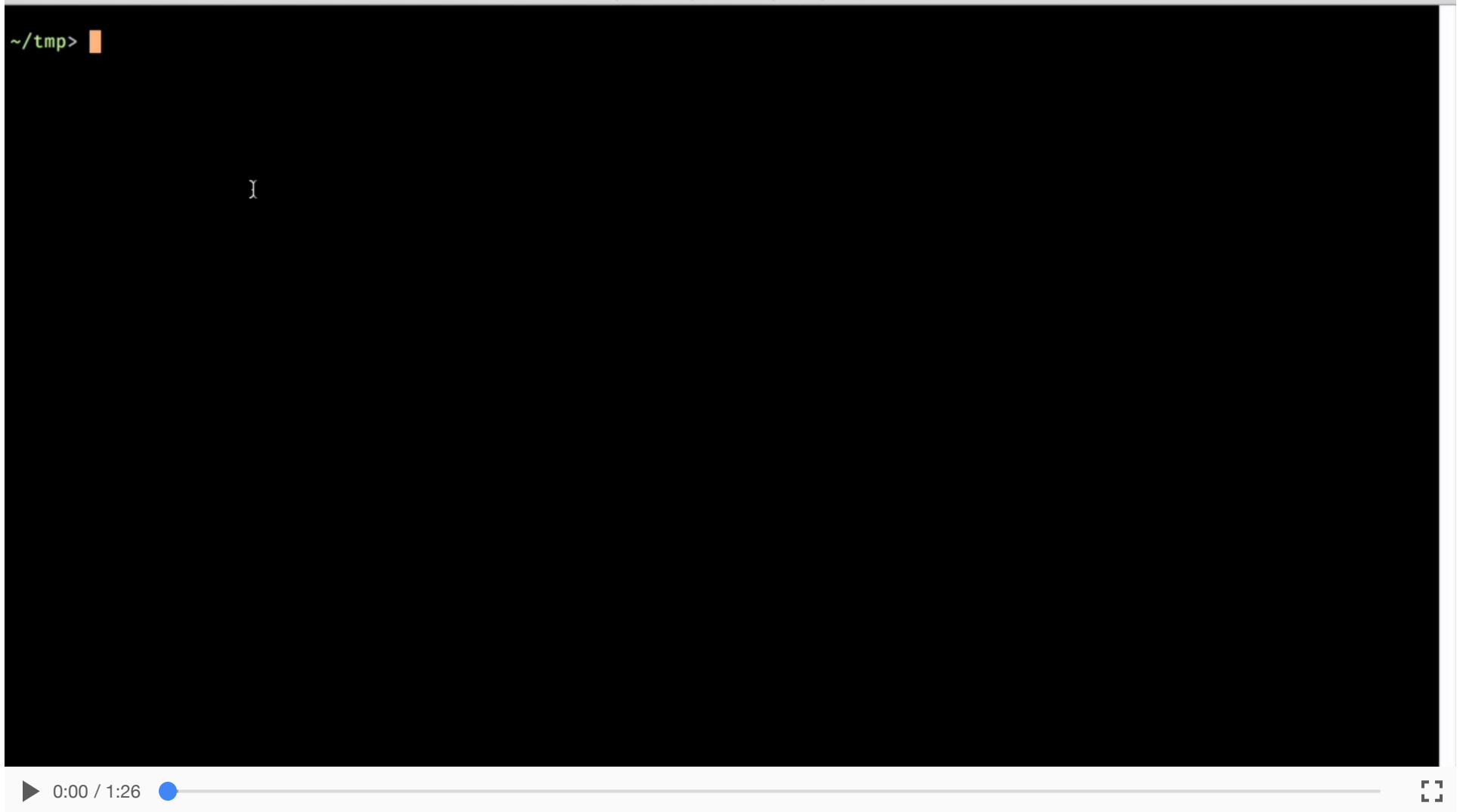
Composer project for Drupal projects

- Downloads core into `web/`
- Uses Composer's `autoload.php`
- Custom directories for modules, themes, profiles
- Manages directories and file permissions
- Includes Drush and Drupal Console

Composer project for Drupal projects

```
$ composer create-project \  
drupal-composer/drupal-project:8.x-dev \  
some-dir --stability dev \  
--no-interaction
```

Demo



Resources

- Using Composer to manage Drupal site dependencies -
<https://www.drupal.org/node/2718229>
- Composer template for Drupal projects -
<https://github.com/drupal-composer/drupal-project>

Questions?