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# Recipes Initiative Update

June 11, 2024 - 21:00 UTC



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# Summary





# Recipes are...

- Applied to Drupal sites, they are not installed.
- Easy to share
- Do not lock sites in
- Composable from other Drupal recipes





## Recipes can...

- Apply other recipes
- Install modules and themes
- Add configuration/entities
- Alter existing configuration
- Import content



Summary

# Recipes can't...

- Contain or run any code
- Update to later versions of the recipe
- Delete or uninstall anything





Summary

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## Recipes in core

As of Drupal 10.3, four new recipe APIs were added to core as experimental, along with the Standard suite of recipes.

- `Drupal\Core\Config\Action`
- `Drupal\Core\ConfigCheckpoint`
- `Drupal\Core\DefaultContent`
- `Drupal\Core\Recipe`

Recipe depends on `DefaultContent`, `Action` and `Checkpoint`. The other new APIs have no interdependencies.



# How Recipes fit into Starshot

*From the Starshot mission:*

The result of Starshot will be a fast-moving Open Source product that enables site builders without Drupal experience to **easily create a new Drupal site and extend it with pre-packaged recipes**, all using their browser. It will guide site builders to **install recipes for common use cases and innovative capabilities that are immediately useful for production**. It will focus on getting people from **install to launch really fast** and will bring new people and contributors into Drupal and the Open Web.

- Recipes are a key building block to Starshot
- Recipes will be available during the installation process
- Recipes will be discoverable and applicable in Project Browser





# Recipes in Starshot

The initial recipes in Starshot will...

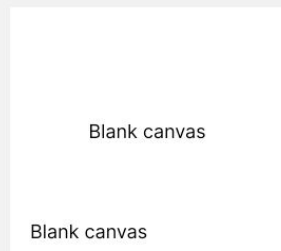
- be shareable and repeatable
- make it easier to support once entities are standardized
- be created by Drupalists with years of experience creating best practices
- Starshot leadership will define which recipes are needed and work with contributors to build them.



# Drupal CMS

INSTALLER

Select site template:



[More templates](#)

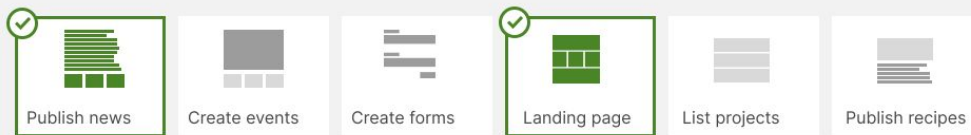
[Next](#)

The initial Starshot installer mockups show a first decision at applying a top-level recipe that would contain a theme.

# Drupal CMS

INSTALLER

Select preconfigured recipes:



Skip for now

Install

The next step in the Starshot installer mockups shows the selection of additional site feature recipes that would create content entities, views, and more.

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# Demo

An abstract graphic design featuring a dark green background. On the right side, there is a large, light green geometric shape composed of several overlapping, rounded rectangular and triangular elements, creating a stylized, modern pattern. A thin white horizontal line is positioned near the top of the page.



Demo

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# Standard recipe

```
name: 'Standard'
description: 'Provides a standard site with commonly used features pre-configured.'
type: 'Site'
recipes:
  - basic_block_type
  - basic_shortcuts
  - article_comment
  - article_tags
  - feedback_contact_form
  - article_content_type
  - page_content_type
  - basic_html_format_editor
  - full_html_format_editor
  - content_search
  - core_recommended_performance
  - core_recommended_maintenance
  - core_recommended_admin_theme
  - core_recommended_front_end_theme
  - user_picture
  # Provides a fallback text format which is available to all users.
  - restricted_html_format
install:
  - image
  - help
  - history
  - config
  - contextual
```



Demo

# Applying recipes

From your Drupal root at any time

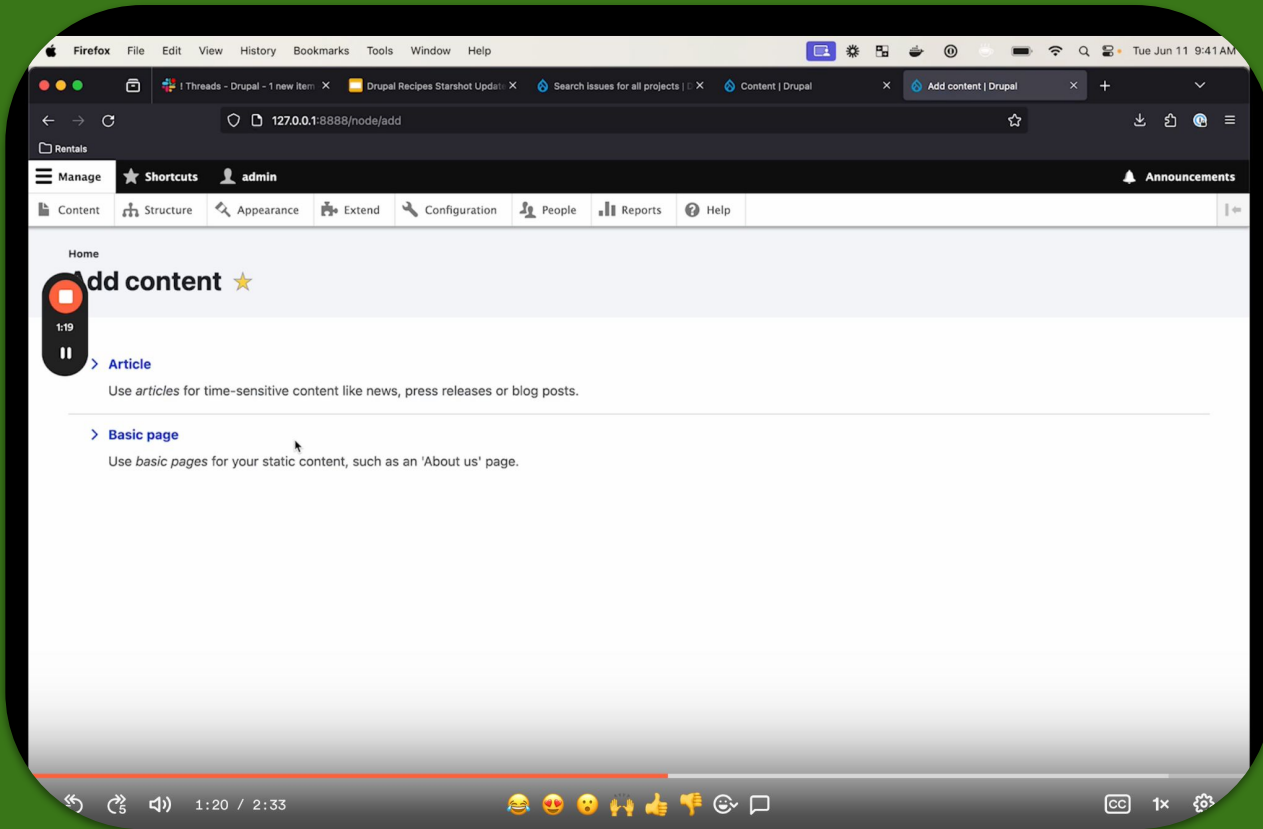
```
php core/scripts/drupal recipe path/to/recipe-name -v
```

From the installer

```
php core/scripts/drupal install path/to/recipe-name -v
```

```
php core/scripts/drupal quick-start path/to/recipe-name -v
```





Using Drupal quick-start script to install from Recipes

```
iTerm2 Shell Edit View Session Scripts Profiles Toolbelt Window Help
jim@Jims-MacBook-Air:~/Projects/recipes-demo
~/recipes-demo (-zsh)
→ recipes-demo git:(main) ✕ fin drush si minimal -y
You are about to:
* DROP all tables in your 'default' database.

// Do you want to continue?: yes.

[notice] Starting Drupal installation. This takes a while.
[notice] Performed install task: install_select_language
[notice] Performed install task: install_select_profile
[notice] Performed install task: install_load_profile
[notice] Performed install task: install_verify_requirements
[notice] Performed install task: install_verify_database_ready
[notice] Performed install task: install_base_system
[notice] Performed install task: install_bootstrap_full
[notice] Performed install task: install_profile_modules
[notice] Performed install task: install_profile_themes
[notice] Performed install task: install_install_profile
[notice] Performed install task: install_configure_form
[notice] Performed install task: install_finished
[success] Installation complete. User name: admin User password: 9i985UmLrY
→ recipes-demo git:(main) ✕ fin open
→ recipes-demo git:(main) ✕ fin recipe-apply saplings

[OK] Saplings applied successfully

[success] Cache rebuild complete.
→ recipes-demo git:(main) ✕ fin d
```

## Applying a contributed Drupal recipe



Demo

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# Recipes Cookbook

People are already using recipes extensively. Starshot will not have remote recipes at the start, but this gives you inspiration and insight into existing recipes.

[Recipes Cookbook](#)



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# Roadmap





**Main aim: To refine and improve the recipe system to be used in Starshot.**

[Phase 2 Roadmap](#)





# Starshot blockers

- Recipes: Decide and update recipe naming and classification standards
- Core: Recipes in Drupal core should have a logo for findability in Project Browser/Starshot
- PB: [meta] Make it possible for Project Browser to apply recipes which are already in the local code base

Starshot Blockers



# Add `core.recipes.api.php`

**Who:** *Alex Pott/Developers*

A leftover from phase 1, we aim to expand the document for the **ensure\_exists** and **create** config actions to make recipe application easier and less reliant on strict dependencies.





Phase 2 Roadmap

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# Help end users find recipes on d.o, in Project Browser & the installer

**Who:** *UX, Recipe creators, Site builders*

We need to provide UX ideas for browsing & installing recipes for Drupal.org and Project Browser to determine how recipes be used, be searched for and found by ambitious site builders, and applied to sites in Project Browser.



Roadmap

# Improve the recipe application process

**Who:** *Developers, Recipe creators, Site builders*

We aim to improve the recipe runner to allow for more options when recipes are applied at different times and have conflict with existing configs.





Roadmap

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# Extend config checkpoints to allow recipes to be reverted

**Who:** *Developers*

Snapshots of configuration are created during the recipe application process. This epic aims to extend that functionality to allow site builders to revert a recipe application.



Roadmap

# Unpack Recipes using Composer

**Who:** *Developers*

Once recipes are applied, we need to let the site's `composer.json` know about any dependencies for future maintenance.

This epic's goal is to bring the proof of concept contrib package into core.







Roadmap

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# Make recipes work with Composer better

**Who:** *Developers*

People are going to need to require recipes using Composer. We have documentation on how they can customize their Composer project, but we should make recipes a first-class citizen in all the places so they don't have to customize. ([GitHub PR](#))



# Add and improve config actions

**Who:** *Developers, Recipe creators*

As more folks start to create recipes, we will find more ways we wish to alter configuration using config actions.

This epic is for developers to help extend what config actions can currently do and streamline existing configuration where possible.





Roadmap

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# Support automated tests of recipes

**Who:** *Developers, Recipe creators*

This epic aims to add recipe testing functionality to core that would ensure recipes can be applied, and provided config conforms to config schema.



Roadmap

# Ongoing

**Who:** *Developers, Recipe creators, Site builders, Documentors*

- Bug fixes
- Config and recipe validation
- Additional core recipes (Umami, Minimal)
- Documentation



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# Contribution





Contribution

# Join us

- [#recipes channel of Drupal slack](#)
- [Twice monthly asynchronous meetings](#)
- [Phase 2 Roadmap Issue](#)
- [Distributions and Recipes Project page](#)
- [Documentation](#)





Contribution

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# Starshot initiatives

- [Starshot](#)
  - [Project Browser](#)
  - [Automatic Updates](#)
  - [Recipes](#)
  - [Experience Builder](#)

## Next sessions:



June 14, 2024 - 14:30 AM - 15:30 GMT



[Automatic Updates Update + Next Steps](#)



Ted Bowman



June 18, 2024 - 14:00 AM - 15:00 GMT



[Experience Builder Update + Next Steps](#)



Lauri Timmanee

A sunset over the ocean with a large white graphic overlay on the right side. The sky is filled with vibrant orange and red clouds, and the sun is low on the horizon, casting a golden glow over the water and sand. The graphic overlay consists of a large white shape with a dark, teardrop-like cutout in the center, resembling a stylized letter 'A' or a similar symbol. The word "Thanks!" is written in a bold, white, sans-serif font on the left side of the image.

**Thanks!**