

Dred(itor) the Issue
Queue? Don't - It's
Simple(lytest) to Git in!

Dred(itor) the Issue Queue?
Don't.
It's Simple(lytest) to Git in!

AmyJune Hinline
Hook 42

Who am I?

AmyJune Hineline Hook 42

- Geocacher, mother, Volkswagener, palliative care nurse
- Community Lead and Site Builder at Hook 42
- Drupal Easy Alumni
- amyjune@hook42.com
- @volkswagenchick

- www.hook42.com
- @hook42inc



Who are you?

- Community member looking to get involved with the Drupal.org issue queue and want some helpful tips on how to get started

*It takes a village
to raise a Drupal*



answers@hook42.com

Why Contribute??

- “Collaboration rather than competition”
- Gain experience in coding and technical writing, contributing helps you learn faster
- Help the Drupal open-source community by improving the code and/or documentation
- Build your reputation - more contributions mean more business

Ways to Contribute

- Translations
- Testing and breaking code
- Accessibility audits
- Themes and modules
- Documentation
- Mentoring in the issue queue

About the Session

- We will cover:
 - Tools of the Trade
 - Lightning Demo
 - from creating an issue to completing the RTBC process
- Slides (with demo notes) will be posted after the session

Tools of the Trade

- Git Client
- Dreditor
- Simplytest.me

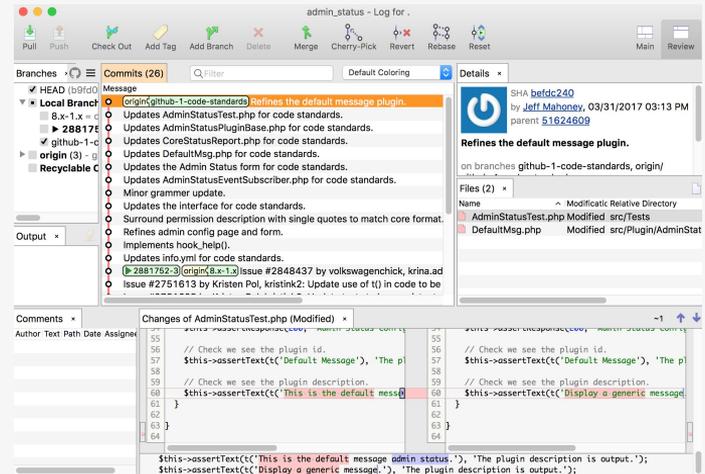
Git Clients



Git Clients

A git client is an interface that allows you to access and use Git without having to use the command line

- You can:
 - Pull, sync, and push code
 - Track remote repos
 - Create & merge branches
 - Format & apply patches



Dreditor

Browser extension for Chrome and Safari

- Provides a template when creating an issue
- Highlights code changes and empty spaces
- Interfaces easily with commenting in the issue queue
- Provides a “simplytest.me” button that will automatically be added to all patches on drupal.org.



The screenshot displays the Dreditor browser extension interface. On the left, there is a text input field for a comment, with 'Comment selected code:' written above it. Below the input field are 'SAVE' and 'CANCEL' buttons. The main area shows a diff view of code changes. The diff is color-coded: red for deletions, green for additions, and blue for context. The code is as follows:

```
index 9038e62..6096a4d 100644
--- a/config/install/conditiona
+++ b/config/install/conditiona
@@ -1,6 +1,6 @@
2 2 conditional_message_options: n
3 3 conditional_message_text: 'Ent
4 -conditional_message_bg_colour:
5 -conditional_message_colour: EE
6 +conditional_message_bg_color:
7 +conditional_message_color: EEE
8 conditional_message_position:
9 conditional_message_target: 'b
diff --git a/config/schema/cond
index a2ce457..23594a8 100644
--- a/config/schema/conditional
+++ b/config/schema/conditional
@@ -6,9 +6,9 @@ conditional_mes
7 7 type: 'NULL'
8 conditional_message_text:
9 type: string
10 - conditional_message_bg_col
11 + conditional_message_bg_col
12 type: color_hex
13 - conditional_message_colour
14 + conditional_message_color:
15 type: color_hex
16 conditional_message_positi
17 type: string
diff --git a/js/conditional_mes
index 77eb2c5..8970892 100644
--- a/js/conditional_message.js
+++ b/js/conditional_message.js
@@ -51,8 +51,8 @@
```

Dreditor

Highlights code changes

Without Dreditor

```

+-----+
* Introduction
* Requirements
@@ -17,10 +17,10 @@ blocks within that page. This module was formerly part of the Ctools suite of
modules.

* For a full description of the module visit
-https://www.drupal.org/project/page_manager.
+  https://www.drupal.org/project/page_manager.

* To submit bug reports and feature suggestions, or to track changes visit
-https://www.drupal.org/project/issues/page_manager.
+  https://www.drupal.org/project/issues/page_manager.

REQUIREMENTS
@@ -37,18 +37,18 @@ which allows users to select different layouts and manage blocks. Panels on its
own does not have much to offer and Page Manager provides a user interface that
helps utilize Panels.

-Panels - https://www.drupal.org/project/panels
+* Panels - https://www.drupal.org/project/panels

INSTALLATION
+-----+

* Install the Page Manager module as you would normally install a contributed
-Drupal module. Visit https://www.drupal.org/node/1897420.
+  Drupal module. Visit https://www.drupal.org/node/1897420.

CONFIGURATION
+-----+

```

With Dreditor

2	2	CONTENTS OF THIS FILE
3		-----
3		-----
4	4	
5	5	* Introduction
6	6	* Requirements
		@@ -17,10 +17,10 @@ blocks within that page. This module was formerly part of the
18	18	modules.
19	19	
20	20	* For a full description of the module visit
21		-https://www.drupal.org/project/page_manager.
21		+ https://www.drupal.org/project/page_manager.
22	22	
23	23	* To submit bug reports and feature suggestions, or to track changes visit
24		-https://www.drupal.org/project/issues/page_manager.
24		+ https://www.drupal.org/project/issues/page_manager.
25	25	
26	26	
27	27	REQUIREMENTS
		@@ -37,18 +37,18 @@ which allows users to select different layouts and manage blo
38	38	own does not have much to offer and Page Manager provides a user interface that
39	39	helps utilize Panels.
40	40	
41		-Panels - https://www.drupal.org/project/panels
41		+* Panels - https://www.drupal.org/project/panels
42	42	
43	43	
44	44	INSTALLATION
45		-----
46	46	
47	47	* Install the Page Manager module as you would normally install a contributed
48		-Drupal module. Visit https://www.drupal.org/node/1897420.
48		+ Drupal module. Visit https://www.drupal.org/node/1897420.
49	49	

Dreditor

Highlights empty spaces and special keyboard characters

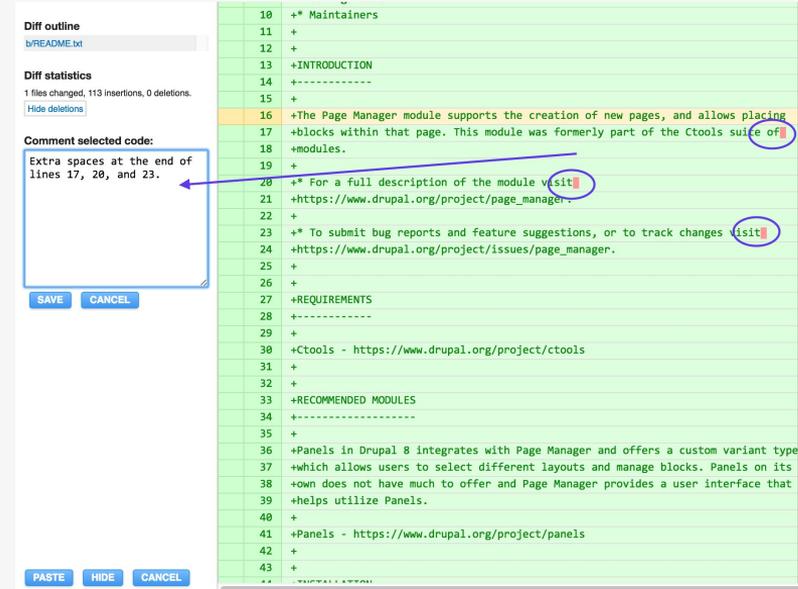
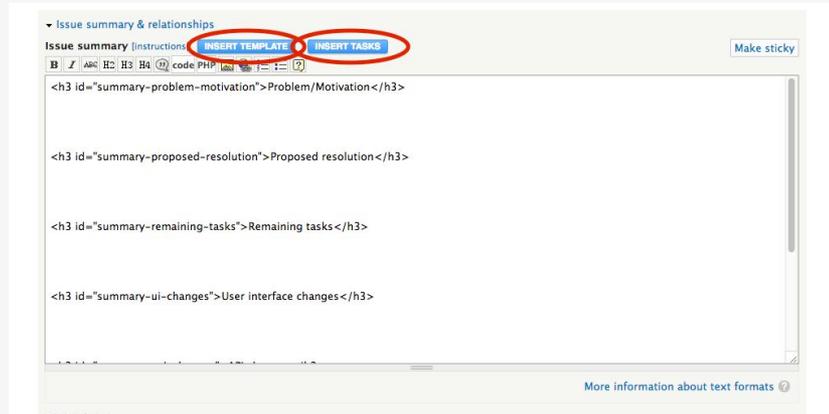
```
2 +CONTENTS OF THIS FILE
3 +-----
4 +
5 +* Introduction
6 +* Requirements
7 +* Recommended Modules
8 +* Installation
9 +* Configuration
10 +* Maintainers
11 +
12 +
13 +INTRODUCTION
14 +-----
15 +
16 +The Page Manager module supports the creation of new pages, and allows placing
17 +blocks within that page. This module was formerly part of the Ctools suite of
18 +modules.
19 +
20 +* For a full description of the module visit
21 +https://www.drupal.org/project/page_manager.
22 +
23 +* To submit bug reports and feature suggestions, or to track changes visit
24 +https://www.drupal.org/project/issues/page_manager.
25 +
26 +
27 +REQUIREMENTS
28 +-----
29 +
30 +Ctools - https://www.drupal.org/project/ctools
31 +
32 +
33 +RECOMMENDED MODULES
34 +-----
35 +
```

```
2 +CONTENTS OF THIS FILE
3 +-----
4 +
5 +* Introduction
6 +* Requirements
7 +* Recommended Modules
8 +* Installation
9 +* Configuration
10 +* Maintainers
11 +
12 +
13 +INTRODUCTION
14 +-----
15 +
16 +The Page Manager module supports the creation of new pages, and allows placing
17 +blocks within that page. This module was formerly part of the Ctools suite of
18 +modules.
19 +
20 +* For a full description of the module visit
21 + https://www.drupal.org/project/page_manager.
22 +
23 +* To submit bug reports and feature suggestions, or to track changes visit
24 + https://www.drupal.org/project/issues/page_manager.
25 +
26 +
27 +REQUIREMENTS
28 +-----
29 +
30 +Ctools - https://www.drupal.org/project/ctools
31 +
32 +
33 +RECOMMENDED MODULES
34 +-----
35 +
36 +Panels in Drupal 8 integrates with Page Manager and offers a custom variant type
```

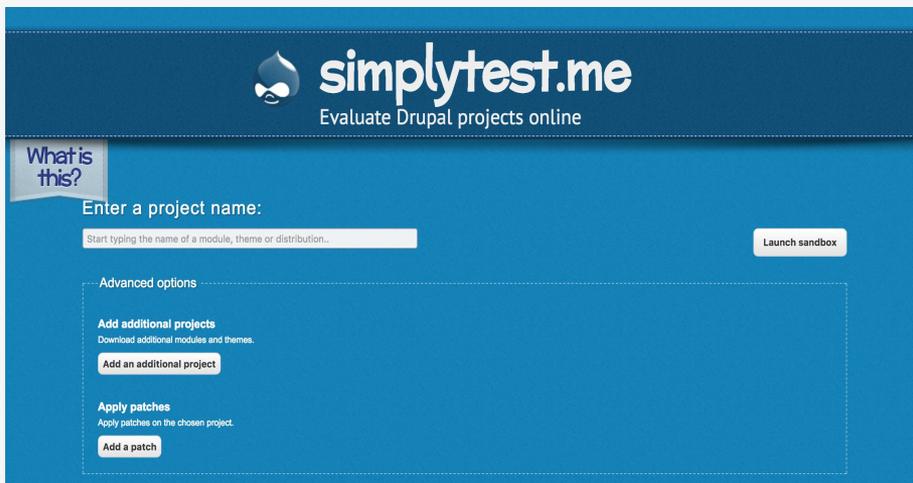
Dreditor

Provides Template and Insert Tasks buttons when creating a new issue

Allows for easy line comments in issue review

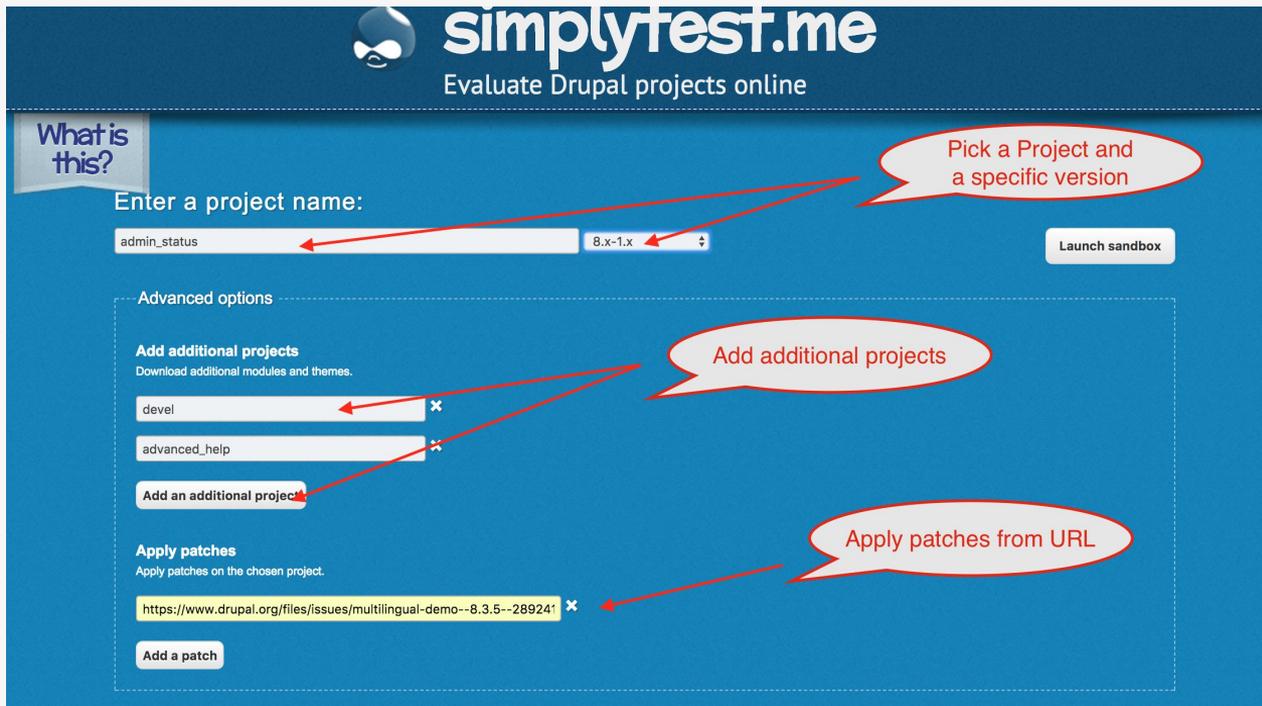


Simplytest.me



- No local environment set-up required
- Easily evaluate a module and its dependencies
- Supports Drupal 7 and 8
- Dreditor provides a SimplyTest button to test patches

Simplytest.me



The screenshot shows the Simplytest.me website interface. At the top, the logo and tagline "Evaluate Drupal projects online" are visible. A "What is this?" tab is active. The main form includes a text input for "admin_status", a dropdown for "8.x-1.x", and a "Launch sandbox" button. Below this is an "Advanced options" section with "Add additional projects" (containing "devel" and "advanced_help" inputs and an "Add an additional project" button) and "Apply patches" (containing a URL input and an "Add a patch" button). Red callout boxes with arrows point to the version dropdown, the "Add additional projects" section, and the URL input.

What is this?

Enter a project name:

admin_status 8.x-1.x Launch sandbox

Advanced options

Add additional projects
Download additional modules and themes.

devel x
advanced_help x
Add an additional project

Apply patches
Apply patches on the chosen project.

<https://www.drupal.org/files/issues/multilingual-demo--8.3.5--289241> x
Add a patch

Pick a Project and a specific version

Add additional projects

Apply patches from URL

Simplytest.me

Dreditor provides a button for testing patches

Drupal 8 multilingual demo » Issues
Update profile for 8.3.5 core release

[View](#) [Edit](#) [View history](#) [CLONE ISSUE](#)

Files:

Comment	File	Size	Actions
#2 loopduplicate	multilingual-demo--8.3.5--2892419-2.patch	248 bytes	REVIEW SIMPLYTEST.ME

Comments

#1
loopduplicate created an issue. See [original summary](#).
[report as spam](#)

#2
 **loopduplicate** Credit: *commented 27 days ago*
Assigned: [loopduplicate](#) » [Unassigned](#)
Status: [Active](#) » [Needs review](#)

File	Size	Actions
multilingual-demo--8.3.5--2892419-2.patch	248 bytes	REVIEW SIMPLYTEST.ME

Tested locally. Looks good.
[report as spam](#)

#3
 **volkswagenchick** Credit: *commented 26 days ago*
Status: [Needs-review](#) » [Reviewed & tested by the community](#)
Tested with Simplytest.me. Patch applied clean, with no hiccups. Looks good, marking RTBC.
[edit](#) [report as spam](#)

Reviewed & tested by the community

Project:	Drupal 8 multilingual demo
Version:	8.x-3.x-dev
Component:	Code
Priority:	Normal
Category:	Task
Assigned:	Unassigned
Reporter:	loopduplicate
Created:	5 Jul 2017 at 10:53 PDT
Updated:	6 Jul 2017 at 18:59 PDT

[Update this issue](#)

★ Following 3 followers

Jump to comment: [Most recent](#), [Most recent file](#), [Add new](#)

[Add child issue, clone issue](#)

Lightning Demo



- Drupal.org issue queue
- Create an issue
- Fix the problem
- Create a patch
- Upload the patch
- Change the status of issue
- RTBC

Demo - The Issue Queue

- Issue queue

- Core -

- <https://www.drupal.org/project/issues/drupal?categories=All>

- Novice -

- https://www.drupal.org/project/issues/search?status%5B0%5D=1&status%5B1%5D=8&status%5B2%5D=13&issue_tags_op=%3D&issue_tags=Novice



answers@hook42.com

Demo - Creating an Issue

- Create an issue (for contrib project)
 - Navigate to Project page
 - Search issue queue to be sure it doesn't already exist
 - Create an issue and insert the Template.
 - Be descriptive, to the point, and polite
 - Add steps to replicate issue (if appropriate)

Demo - Creating an Issue, cont.

- Edit Meta-Data
 - Select a version of the project
 - Select a Component (Code, documentation, etc.)
 - If you intend on working on the issue, Assign yourself
 - Select a category (Task, Bug, Feature Request, etc.)
 - Select a Priority
 - Mark Status as “Needs Work”



answers@hook42.com

- Save - this will create a node (which is also the issue #)

Demo - Add Project to Git Client

- Navigate back to the project page
 - Select the version control page
 - Copy the clone command and download project locally
- Add the repo into the Git client
 - Create a new branch and checkout
 - [issue/node number-comment number]



answers@hook42.com

Demo - Creating a Patch

- In your text editor, make the necessary changes and save
 - Commit changes to the repo
 - Commit message should be short and concise
 - (no one will ever see this message, but it's good practice)

In Smart Git

- Open the log and right click on the commit to format a patch



answers@hook42.com

Demo - Creating a Patch

In Smart Git

- Open the log and right click on the commit to format a patch
- Save and rename
 - [project_name]-[short-description]-[issue-number]-[comment-number].patch
 - example:
admin_status-fix-readme-2900263-2.patch

Command line

- `git diff [original-branch] [new-branch] > [description]-[issue-number]-[comment-number].patch`
- example: `git diff 8.x-1.x 2900263-2 > ../../patches/admin_status-fix-readme-2900263-2.patch`

Demo - Upload Patch to d.o

- Navigate back to the issue
 - Make a comment explaining changes
 - Upload patch
 - Change status to "Needs Review"
 - Unassign yourself
 - Give yourself and your organization attribution



answers@hook42.com

Demo - RTBC process

- Pick an issue
 - Use the Review button provided by Dreditor to review the patch
 - Check for empty spaces and special characters
 - Use the Simplytest.me button to apply the patch and test for functionality if applicable



answers@hook42.com

Demo - RTBC process, cont

- To make a comment
 - Highlight the line of code
 - Comment window provided by Dreditor will open
 - Make comment and paste
- Change Status
 - To needs work or RTBC
 - Give yourself and your organization attribution



answers@hook42.com

Take Aways

- Contributing is easy!
 - Give back to the open source community
 - Help build your Drupal.org cred
- Warm fuzzies!



answers@hook42.com

(And everyone who RTBCs will get a credit on their d.o profile!!)

Questions & Discussion



Resources

<https://simplytest.me/>

<http://www.syntevo.com/smartgit/>

<https://dreditor.org/>

<http://bit.ly/2uwe9In>