

How to **Contribute** to Drupal

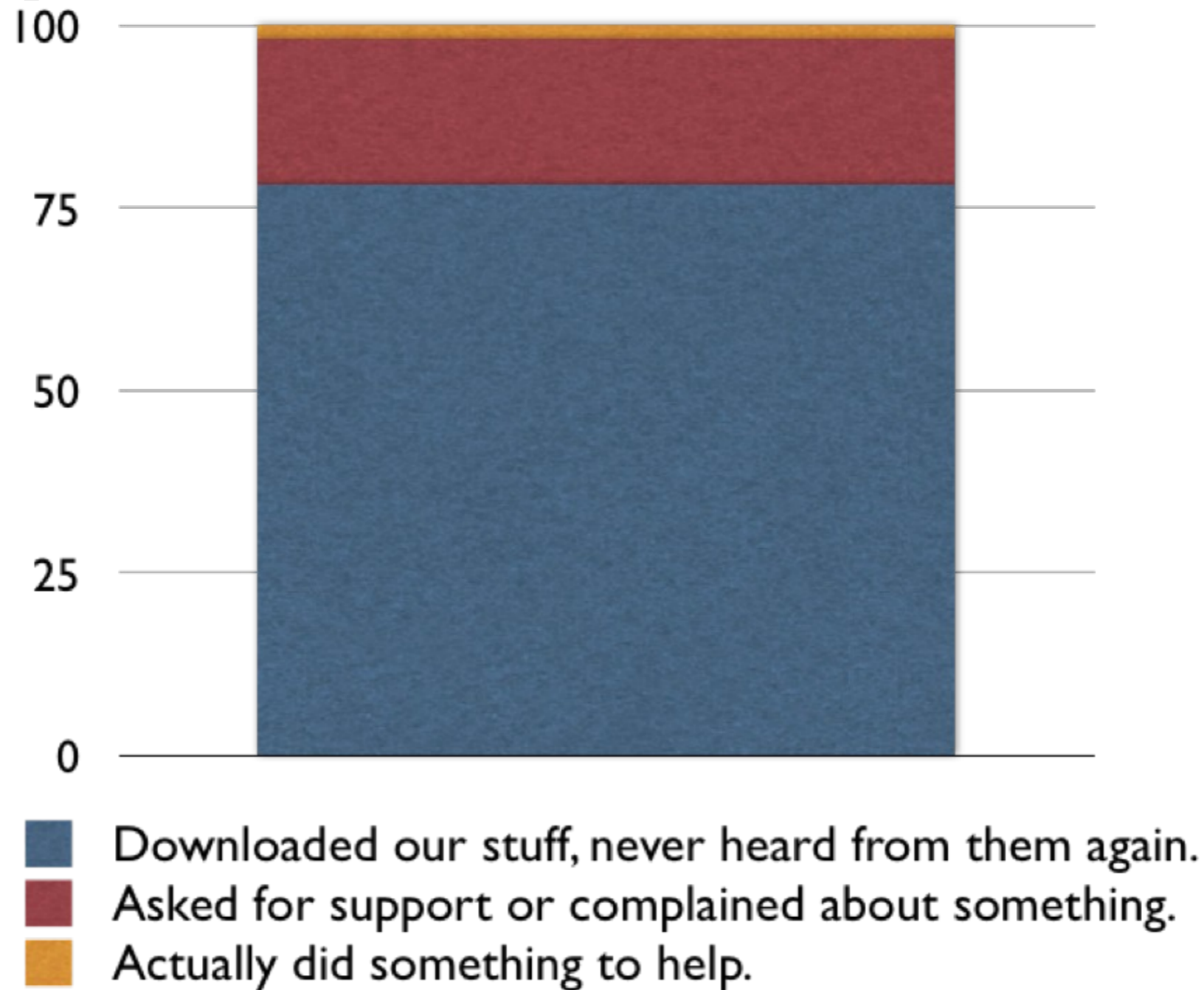
A guide for everyone from “newbie” to “ninja”

<http://drupal.org/contribute>

Something to keep
in mind...

Something to keep
in mind...

Open source users



Spoiler: You want to
be part of that 2%.

And we'll bend over backwards to help you get
there.

What's your sign?

Newbie

Your mission:

Help other newbies not bash their heads against the same stuff you had to.

User

Your mission:

Guide and mentor the newbies to get them out of the frustrated place.

Site Builder

Your mission:

Provide “from the trenches” information to developers.

Developer

Your mission:

Make Drupal more awesome!



Your mission:

Turn developers into fellow ninjas.

How can you help?

Ways that **anyone**
can contribute...

And I really mean **anyone!**

Advocacy

= publicly and strongly support something

Translations

= **make** Drupal **available** in your language

Code

= develop or patch modules

REMEMBER: we work as a **team**

Graphics

= make it look cooler, or sexier...

Volunteer

= help **organise**

Drupalcamps and **Drupalcons**
or local trainings (like this one)

 Applause!

\$\$\$

= support [Drupal Association](#) or donate

Ways that **newbies**
can contribute...

Report problems
with
documentation.

<http://drupal.org/contribute/documentation>

Provide usability
feedback.

Example

Module list in 4.7.x

Name	Description	Enabled
aggregator	Aggregates syndicated content (RSS, RDF, and Atom feeds).	<input type="checkbox"/>
archive	Displays a calendar for navigating older content.	<input type="checkbox"/>
block	Controls the boxes that are displayed around the main content.	required
blog	Enables keeping an easily and regularly updated web page or a blog.	<input type="checkbox"/>
blogapi	Allows users to post content using applications that support XML-RPC blog APIs.	<input type="checkbox"/>
book	Allows users to collaboratively author a book.	<input checked="" type="checkbox"/>
comment	Allows users to comment on and discuss published content.	<input checked="" type="checkbox"/>
contact	Enables the use of both personal and site-wide contact forms.	<input type="checkbox"/>
drupal	Lets you register your site with a central server and improve ranking of Drupal projects by posting information on your installed modules and themes; also enables users to log in using a Drupal ID.	<input type="checkbox"/>


Module list in 5.x

Enabled	Name	Version	Description
<input checked="" type="checkbox"/>	Aggregator	5.3 dev	Aggregates syndicated content (RSS, RDF, and Atom feeds).
<input type="checkbox"/>	Blog	5.3 dev	Enables keeping easily and regularly updated user web pages or blogs.
<input type="checkbox"/>	Blog API	5.3 dev	Allows users to post content using applications that support XML-RPC blog APIs.
<input checked="" type="checkbox"/>	Book	5.3 dev	Allows users to collaboratively author a book. Required by: Export Docbook (enabled)
<input type="checkbox"/>	Color	5.3 dev	Allows the user to change the color scheme of certain themes.
<input checked="" type="checkbox"/>	Comment	5.3 dev	Allows users to comment on and discuss published content. Required by: Forum (enabled), Tracker (enabled)
<input checked="" type="checkbox"/>	Contact	5.3 dev	Enables the use of both personal and site-wide contact forms.
<input checked="" type="checkbox"/>	Drupal	5.3 dev	Lets you register your site with a central server and improve ranking of Drupal projects by posting information on your installed modules and themes
<input checked="" type="checkbox"/>	Forum	5.3 dev	Enables threaded discussions about general topics. Depends on: Taxonomy (enabled), Comment (enabled)


Module list in 7.x

Dashboard Content Structure Appearance People **Modules** Configuration Reports Help Hello admin Log out

Home » Administration

Modules 

LIST UPDATE UNINSTALL

 There was a problem checking [available updates](#) for Drupal. See the [available updates](#) page for more information and to install your missing updates.

Download additional [contributed modules](#) to extend Drupal's functionality.

Regularly review and install [available updates](#) to maintain a secure and current site. Always run the [update script](#) each time a module is updated.

[+ Install new module](#)

▼ CORE

ENABLED	NAME	VERSION	DESCRIPTION	OPERATIONS
<input type="checkbox"/>	Aggregator	7.22-dev	Aggregates syndicated content (RSS, RDF, and Atom feeds).	
<input checked="" type="checkbox"/>	Block	7.22-dev	Controls the visual building blocks a page is constructed with. Blocks are boxes of content rendered into an area, or region, of a web page. Required by: Dashboard (enabled)	? Help Permissions Configure
<input type="checkbox"/>	Blog	7.22-dev	Enables multi-user blogs.	
<input type="checkbox"/>	Book	7.22-dev	Allows users to create and organize related content in an outline.	
<input checked="" type="checkbox"/>	Color	7.22-dev	Allows administrators to change the color scheme of compatible themes.	? Help
<input checked="" type="checkbox"/>	Comment	7.22-dev	Allows users to comment on and discuss published content. Requires: Text (enabled), Field (enabled), Field SQL storage (enabled) Required by: Forum (disabled), Tracker (disabled)	? Help Permissions Configure

Ways that **users** can
contribute...

Help out with user
support.

<http://drupal.org/contribute/support>

Improve documentation

<http://drupal.org/contribute/documentation>

How to help with documentation

Join [Help](#) the Documentation Team

Create new pages

Improve/fix text. **BE BOLD!**

Roll-in comments

Hands-on: Let's join
the docs team! :)

Issue queue house-
cleaning.

Ways that **site
builders** can
contribute...

File feature
requests.

File bug reports.

Bad bug reports

“It’s broke.”

“OMG!1! READ THIS!1!”

“You suck.”

Good bug reports

Search first.

What did you do?

What did you expect to happen?

What happened instead?

Testing and
reviewing patches.

What is a “patch?”

```
Index: modules/book/book.info
```

```
=====
RCS file: /cvs/drupal/drupal/modules/book/book.info,v
```

```
retrieving revision 1.4
```

```
diff -u -p -r1.4 book.info
```

```
--- modules/book/book.info      8 Jun 2007 05:50:53 -0000      1.4
```

```
+++ modules/book/book.info      22 Jul 2007 16:54:33 -0000
```

```
@@ -1,6 +1,6 @@
```

```
 ; $Id: book.info,v 1.4 2007/06/08 05:50:53 dries Exp $
```

```
 name = Book
```

```
-description = Allows users to collaboratively author a book.
```

```
+description = Allows users to structure site pages in a hierarchy or outline.
```

```
 package = Core - optional
```

```
 version = VERSION
```

```
 core = 6.x
```

Bad patch reviews

“+1”

“I haven't read the issue, but...”

“I haven't tested the patch, but...”

Good patch reviews

Describe what you did.

Describe your results.

Give your opinion about what this means, based on experience, background, etc.

Be as nit-picky as possible (within reason ;)).

Tools of the trade

Git checkout drupal <http://drupal.org/project/drupal/git-instructions>

Patches

<http://drupal.org/patch>

Demo: Let's test a
patch!

Ways that developers can contribute

Mission: Make Drupal more awesome!

Help with developer
documentation.

Contribute modules
and themes.

Steps to becoming a code contributor

Search first.

Apply for Git access (and have faith).

Review other project applications.

Check-in your code.

Create a project.

Maintain your issue queue. ;)

Create patches.

Tools of the Trade

Coding standards

<http://drupal.org/node/318>

Git checkout drupal

```
git diff 7.x-1.x >
```

```
  [project_name]-[short-  
description]-[issue-number]-  
[comment-number].patch
```

```
drupal-actions-usability-cleanup-172773-81.patch
```

Thick skin ;)

Demo: Let's create a
patch!

Ways that ninjas can contribute

Mission: Create more ninjas.

Mentor new
developers.

Organize
development
efforts.

Help maintain
drupal.org.

Wow, this sounds
like an *awful* lot of
work.

Why should I bother?

Open source is a
meritocracy.

Karma is the official currency.

Saves **time** and
money.

Gets you more
business and
attracts better
people.

It means easier
maintenance for
your sites.

Makes you a better
programmer.

Gives you **direct control** over the direction of project.

Questions?