

Google Summer of Code 2015 with the Fluid Project

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[Fluid](#) is an open source community of designers and developers who help improve the usability and accessibility of the open web. We contribute to a variety of open source projects (such as [jQuery UI](#)), and we work on a few projects of our own: the [Design Handbook](#), a guidebook of techniques for improving usability, and [Infusion](#), a JavaScript application framework for developing flexible user interfaces.

Fluid Infusion is built on top of [jQuery](#), providing all the stuff you need to create user interfaces that are incredibly flexible, accessible, and easy-to-use. Infusion is an application framework and a suite of user interface components built with HTML, CSS, and JavaScript. In contrast to many other user interface toolkits, Infusion components aren't black boxes--they're built to be modified, adapted, and changed to suit your application or context. Taking a "one size fits one" approach, Infusion even lets end-users customize their experience with the [UI Options component](#).

We're looking for students to collaborate with us on the Google Summer of Code 2015 program. Working with Fluid gives you a chance to learn more about accessibility and usability while writing code with cutting-edge open web technologies. Create cool stuff and make a real impact on users at the same time!

For information about the various ways we communicate with each other, see our [Get Involved](#) wiki page.

Projects

[webrtc - html5 vidyo interface](#)

[build tool for generating icon fonts](#)

1 position available
Difficulty:
Mentor: Justin, Lisa?

[dependency management tool \(e.g. bower, npm, etc.\)](#)

[quick feedback, review, and rating system \(assistance on demand FLOE 2016\)](#)

1 position available
Difficulty:
Mentor: Sepideh,

[progress monitor \(education, training, capacity building and gamification FLOE 2016\)](#)

1 position available
Difficulty:
Mentor: Sepideh,

[badging \(education, training, capacity building and gamification FLOE 2016\)](#)

[WordPress UIO plugin](#)

1 position available
Difficulty:
Mentor: Anastasia

The Infusion **User Interface Options (UIO)** component allows users to transform the presentation of the user interface and content resources so that they are personalized to the individual user's needs. The component adds a panel to the top of the page, presenting controls for different aspects of the presentation such as text size, colour contrast, etc.

See: [A website that include UIO](#) (the "display preferences" button at the top right of the page).

This project involves creating a WordPress plugin for UIO. WordPress is a free and open-source blogging tool and content management system (CMS) based on PHP and MySQL. A WordPress Plugin is a program, or a set of one or more functions, written in the PHP scripting language, that adds a specific set of features or services to a WordPress site.

For this project, you should have a firm knowledge of open web technologies: HTML, CSS, and JavaScript. Experience with WordPress and/or PHP would be an asset. Familiarity the UIO or Infusion Framework is not required; we'll show you the ropes.

See also:

[Infusion Framework](#)

[UIO tutorial](#)

[WordPress plugin developer documentation](#)

Infusion Documentation

Most of the work we do here either uses or directly involves the Infusion Framework and Component Library. These links should get you started learning about Infusion, and should lead you to many more pages.

[Contributing Code To Infusion](#)










[Infusion Documentation](#)











[How Infusion Works](#)

[Tutorial - Getting started with Infusion](#)

[Infusion Framework Best Practices](#)

Good First Bugs

T	Key	Summary	Assignee	Reporter	P	Status	Resolution	Created	Updated	Due
	FLUID-5135	Reset on grades demo also resets schema demo	Unassigned	Michelle D'Souza	✓	OPEN	Unresolved	Sep 16, 2013	Mar 06, 2018	
	FLUID-4731	the grunt build should produce a file specifying the build settings and information	Unassigned	Justin Obara	⬆	REOPENED	Unresolved	Jul 19, 2012	Jan 29, 2019	
	FLUID-4042	Feature our cool little helper snippets on the demo (scrolling table, aria labeller, etc)	Unassigned	heidi valles	⬆	OPEN	Unresolved	Jan 21, 2011	Feb 27, 2017	
	FLUID-4019	Image Reorderer container should not be restricted to just Form elements	Unassigned	Jonathan Hung	⬆	OPEN	Unresolved	Jan 05, 2011	Aug 12, 2016	
	FLUID-3697	Undo hard-codes selector classes instead of using user-configured values	Unassigned	Anastasia Cheetham	⊘	OPEN	Unresolved	Aug 30, 2010	Mar 01, 2016	
	FLUID-3344	The jQuery selectbox plugin used by the dropdown Inline Edit doesn't support noConflicts() mode	Unassigned	Colin Clark	⬆	OPEN	Unresolved	Nov 01, 2009	Mar 10, 2017	
	FLUID-2797	The prev/next link moves as user clicks previous	Unassigned	Daphne Ogle	⬆	REOPENED	Unresolved	May 28, 2009	Nov 29, 2018	
	FLUID-2779	Cursor over current page number and disabled prev/next links in Pager(renderer version) should be an arrow, not the hand	Unassigned	Yura Zenevich	✓	REOPENED	Unresolved	May 27, 2009	Mar 23, 2019	
	FLUID-2514	Custom build package is incorrect when trying to include some things from a directory and exclude others from the same directory.	Unassigned	Michelle D'Souza	✓	OPEN	Unresolved	Apr 04, 2009	Jan 16, 2017	

	FLUID-2512	[Uploader] the currentBatch.totalBytesUploaded needs to be broken into two new model values	Eli Cochran	Eli Cochran		OPEN	Unresolved	Apr 03, 2009	Jan 16, 2017
	FLUID-2457	[Progress] Progress could use a few events for integrators to be able to use in integrations	Eli Cochran	Eli Cochran		OPEN	Unresolved	Apr 01, 2009	Nov 05, 2014
	FLUID-1972	Portlet avatar containers have the incorect size: using Safari	Unassigned	Justin Obara		OPEN	Unresolved	Dec 13, 2008	Jan 16, 2017
	FLUID-1868	More markup flexibility for buttons	Unassigned	Jacob Farber		OPEN	Unresolved	Nov 28, 2008	Jan 16, 2017
	FLOE-239	Add captions to the Types of Forces EPUB exemplar video	Jonathan Hung	Jonathan Hung		REOPENED	Unresolved	Sep 04, 2014	Feb 09, 2018

14 issues