An open-source software community that designs user interfaces, builds web tools, teaches inclusive design, and integrates interface components into open source applications.

The Fluid community consists of an international team of partners, individuals, and institutions focused on designing flexible, customizable, user-centered interfaces.

NEWs

Fluid releases new video player

November 5th, 2013

Video Player is designed to be a fully accessible HTML5 video player. The designs for Video Player can be seen on our wiki, at Video player mockups (final). v0.1 is the first public release of Video Player and includes initial support...

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FEATURED WORK

User Interface Options demo ➔

Fluid Infusion demos ➔

Video Player Demo ➔

Metadata Authoring demo ➔

view all projects ➔
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User Interface Options demo
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Fluid Infusion demos
Metadata Authoring demo

Fluid is a project of the Inclusive Design Research Centre at OCAD University. Funded by a grant from The Andrew W. Mellon Foundation.

Jutta Treviranus
Principal Investigator, Director and Professor

Jess Mitchell
Senior Manager, Research and Development

Colin Clark
Lead Software Architect
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- **User Interface**: combining both design and technology to create a living library of sharable user interface components.
- **Framework**: distributing a framework that provides an easy way to build JavaScript-based user interfaces that are highly flexible and reusable. Built using Web standards and the jQuery toolkit, Infusion provides a lightweight application development framework supporting simple Model View Controller (MVC) techniques.
- **Design**: providing a Design Handbook (for designers and developers alike) including tools and techniques that are easy to use, learn, and modify.
- **Education**: giving demonstrations and teaching others at conferences and meetings.
- **Culture**: documenting and making publicly available community processes to support an agile approach to design and development in a community project.

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Fluid Infusion

Good interfaces should be easy to use and easy to build. Infusion takes the pain out of developing accessible, high performance, clean and nimble frameworks to build your own.

Developed by an international group of software developers and interaction designers, Fluid Infusion combines JavaScript, CSS, HTML, and user-centered design, rolling them all into a single package that sits on top of the popular jQuery toolkit. Infusion includes ready-to-use components as well as a framework to build your own.

Infusion Framework

Responsive design

Allows you to create user interfaces that are pure HTML and render the pages entirely in the client-side. It offers a clean JavaScript API for developers to add keyboard handlers to their code without a lot of extra overhead.

Keyboard Accessibility Plugin demo

The jQuery Keyboard Accessibility Plugin makes it easy for developers to add keyboard handlers to their code without a lot of extra overhead.

Infusion Components

Uploader demo

Allows users to upload files. The user can select desired files from their computer, view them in a queue, add or remove files to and from the queue, and upload them.

Pager demo

Allows users to break up long lists of items into separate pages. They may decide whether or not they want paging, and how many results are displayed per page.

Reorderer demo

Infusion Components are outcomes of Fluid Academic.

Fluid Infusion is the initial project that marks the beginning of the Fluid community and the original release of the core products. The goals of Fluid Academic were to create flexible and transformable user interface components that were then implemented into our partner projects.

Fluid Engage

Fluid Engage will address the challenges of incorporating new technology into their web, mobile, and physical spaces.

CollectionSpace is a collaborative effort to develop an open source management software application that meets the needs of small-to-large museums, historical societies, and other collection-holding organizations.

Decapod

Decapod is focused on building an inexpensive solution for digitization such as cost, lack of expertise, and lack of ready distribution formats.

Matterhorn

Matterhorn is a collaboration of educational institutions focusing on audio and video content. Matterhorn is an Opencast project building an enterprise-level, open source podcast and rich media capture, processing and delivery system.

CollectionSpace

CollectionSpace is a collaborative effort to develop an open source management software application that meets the needs of small-to-large museums, historical societies, and other collection-holding organizations.

OpenSpace

OpenSpace is a collaboration of educational institutions focusing on audio and video content. Matterhorn is an Opencast project building an enterprise-level, open source podcast and rich media capture, processing and delivery system.

Infusion is Framework

Responsive design

Responsive design allows you to create user interfaces that are pure HTML and render the pages entirely in the client-side. It offers a clean JavaScript API for developers to add keyboard handlers to their code without a lot of extra overhead.

Infusion Components

Uploader demo

Responsive drag-and-drop customization of modules in a portal environment.

Uploader demo

Responsive drag-and-drop customization of modules in a portal environment.

PAGER demo

Allows users to break up long lists of items into separate pages. They may decide whether or not they want paging, and how many results are displayed per page.

Reorderer demo

Provides a usable and accessible linear progress display for use on its own or with other Fluid components.

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INFORMATION

Fluid Infusion

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## Infusion Components
- **Reorderer**
  - List Reorderer
  - Grid Reorderer
  - Image Reorderer
  - Renderer: Component Types
  - Reorderer: Dynamic

- **Inline Edit**
  - Simple Text Inline Edit
  - Rich Text Inline Edit
  - Inline Edit: Dropdown

- **Pager**
  - Pager
  - Pager in a Learning Management System

- **Uploader**
  - Uploader

- **Progress**
  - Progress
  - Progress: Simple

## Infusion Infrastructure
- Unit tests: client
- Unit tests: server
- Unit tests: components
- Performance
- Versioning

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Fluid is a project of the [Inclusive Design Research Centre at OCAD University](https://www.odicad.ca), funded by a grant from [The Andrew W. Mellon Foundation](https://www.mellon.org).

205 Richmond St. W. 2nd Floor
Toronto, ON Canada M5V 1V3
T. 416-977-6000 ext.3968
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Climate changes are underway in the United States and are projected to grow. Global temperature has increased over the past 50 years, primarily due to human behaviors that release heat-trapping gases, like carbon dioxide.

Widespread climate-related impacts are occurring now and are expected to increase.

Changes are happening in the United States, and elsewhere, but the impacts vary from region to region. These changes are affecting sectors of our society that cross regional boundaries. Already impacted are things that we depend upon; water, energy, transportation, agriculture, ecosystems, and human health.

Across the country, water is an issue. However, the specific impact is different from location to location. In some regions, particularly in the western United States, drought is an important issue. Less snow in the mountains is important in the West and Alaska where the snowpack stores water for later use. In the Midwest and northeastern states, the amount of heavy downpours has substantially increased over the past few decades. In most regions, floods and water quality problems are likely to be worse because of climate change.

Agriculture is considered adaptable to changes in climate. However, changes, like increased temperatures, water stress, diseases, and weather extremes will create new challenges for food producers, upon which our society depends.
User Interface Options allows users to personalize interfaces & content to meet individual needs & preferences.

INSTRUCTIONS

• Go to the ‘show display preferences’ button on the top right corner
• Customize your experience of this page

Have a comment? Email us!
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Posted by Colin Clark on November 5th, 2013

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