finre Documentation

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Reetesh Ranjan

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CHAPTER 1

Overview

1.1 What is finre?

Finre is a **FIN**e **RE**sponsive UI framework.

1.2 Where to get it?

Find it on GitHub.

You also need to get and use the following dependencies:

- browse.js
- `normalize.css`: at `deps/css/normalize.min.css` in finre repository
- `modernizr.js`: at `deps/js/modernizr.min.js` in finre repository
- `respond.js`: at `deps/js/respond.min.js` in finre repository

1.3 How to use it?

The following HTML snippet shows the minimum code required to use finre:

```
<!DOCTYPE HTML PUBLIC -//W3C//DTD HTML 4.01//EN>
<html lang=en>
<head>
  <title>Finre Application</title>
  <link rel=stylesheet href=/css/normalize.css/>
  <link rel=stylesheet href=/css/finre.min.css/>
  <script src=/js/modernizr.min.js></script>
<!--[if lt IE 9]>
```

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```
  <script src=/js/respond.min.js></script>
<![endif]-->
</head>
<body class=finre>
  <script src=/js/browse.min.js></script>
  <script src=/js/finre.min.js></script>
</body>
</html>
```

NOTE:

- Note the `class=finre` attribute. The `body` element must have the `finre` class, or the finre CSS rules would not apply. You can disable finre CSS rules anytime by just removing the class `finre` from `body` element.
- The locations `/js` and `/css` are not mandatory and just denote typical directory organization used in websites.

CHAPTER 2

Working with Events

2.1 Events

Finre uses following application events.

2.2 EventManager

You can use `finre.EventManager` to work with finre events.

2.2.1 register

Synopsis

```
finre.EventManager.register(type, subscriber)
```

Example

```
var subscriber = {
  onabc: function(data, sender) {
    // do something
  }
}
finre.EventManager.register('abc', subscriber)
```

Description

- The `subscriber` argument must be an object

- If `type` is `'abc'`, then the `subscriber` object must have an `onabc` member which is a function
- Once `'abc'` event is fired, then the `onabc` member of the subscriber would be invoked by finre to handle the event
- **The `onabc` function would receive these two arguments when callled by finre:**
  - `data`: event data
  - `sender`: the entity that generated the event

Errors

In case of input errors, this exception is raised: `'Invalid subscriber type or missing required handler'`

2.2.2 unregister

2.2.3 fire

CHAPTER 3

Defaults

3.1 box-sizing: border-box

Finre sets `border-box` as the default value for `box-sizing` to all elements.

3.2 clearfix

Finre applies the clear-fix based on microfix. Also see what is a clearfix?.