

# Maps

Ushahidi v2.X has maps on the front page and on the report create/edit page. Sometimes you'll want to add a map to a different page (e.g. part of a plugin view). This is where the map code lives...

## In the view file:

If you look at file `\themes\default\views\main\layout.php`, you'll see

```
<div class="map-container">
echo $div_map;
echo $div_timeline;
</div>
```

This code adds the map and timeline blocks to the main page. If you're using a different theme, e.g. theme xxx, look for `\themes\xxx\views\main\layout.php` to see if there's anything different in there.

## In the controller file:

If you look in `application/controllers/main.php`, you'll see:

```
$div_map = new View('main/map');
$div_timeline = new View('main/timeline');
Event::run('ushahidi_filter.map_main', $div_map);
Event::run('ushahidi_filter.map_timeline', $div_timeline);
$this->template->content->div_map = $div_map;
$this->template->content->div_timeline = $div_timeline;
```

This creates the map and timeline, filters them, and adds them to the current view (see above). The map file is in `themes\default\views\main\map.php`

To activate the map, you'll need to add the following lines to the controller file:

```
$this->themes->map_enabled = TRUE; //Loads Ushahidi's map JS files
$this->themes->js = new View('main/my_map_js'); //path to your js file containing map instructions

// From here on, you may or may not need the lines below, depending on the map you're using
$this->themes->js->marker_radius = ($marker_radius >=1 AND $marker_radius <= 10 )
    ? $marker_radius
    : 5;
$this->themes->js->marker_opacity = ($marker_opacity >=1 AND $marker_opacity <= 10 )
    ? $marker_opacity * 0.1
    : 0.9;
$this->themes->js->marker_stroke_width = ($marker_stroke_width >=1 AND $marker_stroke_width <= 5)
    ? $marker_stroke_width
    : 2;
$this->themes->js->marker_stroke_opacity = ($marker_stroke_opacity >=1 AND $marker_stroke_opacity <= 10)
    ? $marker_stroke_opacity * 0.1
    : 0.9;
```

The script above looks for a map on the `main/my_map_js.php` file. We suggest you copy the JS from `default\views\main\main_js.php` and start customizing it as you wish.

To be continued...