

# Plugin Filters

## Plugin Filter

### Introduction

Filters are callback functions that modify content before it is rendered to the user on the browser. Filters can also be applied before content is saved in the database.

In the example below, the filter plugin access the single report title and modifies it before it's rendered to the user on the browser.

Example:

```
<?php
// My Plugin

// Add the filter and call the function modify_title
Event::add('ushahidi_filter.report_title', 'modify_title');

function modify_title()
{
// Access the report title
$report_title = Event::$data;

// Make changes to the report title
$new_report_title = str_replace("&", "_", $report_title);

// Return new Title
Event::$data = $new_report_title;
}
?>
```

### Reference

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Filter	Parameter	Description	File
admin_header_block	\$content	Modify Admin Header Block Javascript And CSS	application/libraries/Themes.php
pagination	\$pagination		application/controllers/admin/reports.php
filter_incidents	\$incidents		application/controllers/admin/reports.php
footer_block	\$content	Modify Footer Block Javascript	application/libraries/Themes.php
location_name	\$form['location_name']		application/controllers/admin/reports.php
location_find	\$form['location_find']		application/controllers/admin/reports.php
report_download_csv_header	\$custom_headers		application/controllers/admin/reports.php

report_download_csv_incident	\$event_data	Add some custom data for an incident	application/controllers/admin/reports.php
json_index_features	\$json_features	Alter /json json_features array before its passed through json_encode	application/controllers/json.php
json_cluster_features	\$json_features	Alter /json/cluster json_features array before its passed through json_encode	application/controllers/json.php
json_single_features	\$json_features	Alter /json/single/ID json_features array before its passed through json_encode	application/controllers/json.php
json_share_feature	\$json_features	Alter /json/share json_features array before its passed through json_encode	application/controllers/json.php
map_main	\$div_map	Modify Main Map Block	application/controllers/main.php
map_timeline	\$div_timeline	Modify Main Map Block	application/controllers/main.php
active_startDate	\$display_startDate		application/controllers/main.php
active_endDate	\$display_endDate		application/controllers/main.php
startDate	\$startDate		application/controllers/main.php
endDate	\$endDate		application/controllers/main.php
page_title		Modify Page Title	application/controllers/page.php
page_description		Modify Page Description	application/controllers/page.php
report_title	\$incident_title	Modify report title	application/controllers/reports.php
report_description	\$incident_description	Modify report description	application/controllers/reports.php
map_base_layers	\$layers	Add custom map layers	application/helpers/map.php
map_layers_js	\$js	Alter map layers JS	application/helpers/map.php
fetch_incidents_set_params	\$params	Modify parameters for reports	application/helpers/reports.php
message_sms_from	\$from	Modification of the values from the SMS gateway	application/helpers/sms.php
message_sms	\$message	Modification of the values from the SMS gateway	application/helpers/sms.php
header_block	\$content	Modify Header Block Javascript And CSS	application/libraries/Themes.php
header_js	\$inline_js	Modify Header Javascript	application/libraries/Themes.php
report_stats	\$report_stats	Modify reports list statistics	themes/default/view/reports.php
comment_block	\$comments		themes/default/views/reports_view.php; themes/polaroid/views/reports_view.php

comment_form_block	\$comments_form		themes/default/views/reports_view.php; themes/polaroid/views/reports_view.php
get_incidents_sql	\$sql	Alter SQL for fetching incidents (use with caution)	application/models/incident.php
get_neighbouring_incidents_sql	\$sql	Alter SQL for fetching neighbouring incidents (use with caution)	application/models/incident.php
view_pre_render	\$local_data	Add extra data to a view	application/libraries/MY_View.php
view_pre_render.VIEW_NAME	\$local_data	Add extra data to a view. Same as above but only triggered for a specific view. Replace VIEW_NAME with the real view name ie. "ushahidi_filter.view_pre_render.reports_main" (note the view is actually reports/main.php, / is replaced by _)	application/libraries/MY_View.php