```
:plugin: event_dispatcher
:type: filter

///////////////////////////////////////////
START - GENERATED VARIABLES, DO NOT EDIT!
///////////////////////////////////////////
:version: %VERSION%
:release_date: %RELEASE_DATE%
:changelog_url: %CHANGELOG_URL%
:include_path: ../../../../logstash/docs/include
///////////////////////////////////////////
END - GENERATED VARIABLES, DO NOT EDIT!
///////////////////////////////////////////

[id="plugins-{type}s-{plugin}"]

=== Event_dispatcher filter plugin

include::{include_path}/plugin_header.asciidoc[]

==== Description

The Event_dispatcher filter works with a configuration json file provided by the user. The configuration json file allows the user to define filter logic like multiple pipelines. The Event_dispatcher filter simply dispatches event filter processing to the filter logic defined in the configuration json file.


Content of the config json file:
    [ list of filter_parts ]

filter_part:
    {
        "type": "plugin" | "filter"
        "event_filter_tags_to_process": list of event_filter_tag values, examples: ["event_filter_tag_1"], ["event_filter_tag_1", "event_filter_tag_2"]
        "set_done_if_executed": false | true, default: false
        "name": (for "plugin" type) name of the logstash plugin to use, examples: "csv" | "json" | ...
        "options": (for "plugin" type) the configuration options for the filter plugin
        "filter_parts": (for "filter" type) [ list of filter_parts] | path to a config json file containing  [ list of filter_parts]
    }

[id="plugins-{type}s-{plugin}-options"]
==== Event_dispatcher Filter Configuration Options

This plugin supports the following configuration options plus the <<plugins-{type}s-{plugin}-common-options>> described later.

[cols="<,<,<",options="header",]
|========================================================================
|Setting |Input type|Required
| <<plugins-{type}s-{plugin}-config_dir>> |<<string,string>>|Yes
| <<plugins-{type}s-{plugin}-config_json_filename>> |<<string,string>>|No
| <<plugins-{type}s-{plugin}-event_filter_tag_field>> |<<string,string>>|No
| <<plugins-{type}s-{plugin}-event_filter_done_field>> |<<string,string>>|No
|========================================================================

Also see <<plugins-{type}s-{plugin}-common-options>> for a list of options supported by all
filter plugins.

&nbsp;

[id="plugins-{type}s-{plugin}-config_dir"]
```

```
===== `config_dir`

  * Value type is <<string,string>>

File folder path where the configuration json file is located.

[id="plugins-{type}s-{plugin}-config_json_filename"]
===== `config_json_filename`

  * Value type is <<string,string>>
  * Default value is "filter.json"

Name of the configuration json file

[id="plugins-{type}s-{plugin}-event_filter_tag_field"]
===== `event_filter_tag_field`

  * Value type is <<string,string>>
  * Default value is "event_filter_tag"

Name of event_filter_tag field, the value of this field can be read and/or set by each filter_part for correctly controlling the event's filter path.

[id="plugins-{type}s-{plugin}-event_filter_done_field"]
===== `event_filter_done_field`

  * Value type is <<string,string>>
  * Default value is "event_filter_done"

Name of event_filter_done field, the value of this field is used by each filter_part to determine if it can stop traversing all filter_parts's "filter" methods.


[source,json]
```

```
    [
      {
        "type": "plugin",
        "name": "ruby",
        "description": "Get: level_1_tag/event_log, set: event_filter_tag/message",
        "options": {
          "path": "${config_dir}/code_1.rb"
        }
      },
      {
        "type": "plugin",
        "name": "csv",
        "event_filter_tags_to_process": [
          "csv"
        ],
        "options": {
          "columns": [
            "id",
            "timestamp",
            "paymentType",
            "name",
            "gender",
            "ip_address",
            "purpose",
            "country",
            "age"
          ]
        },
        "set_event_filter_done_if_executed": true
      },
      {
        "type": "plugin",
        "name": "kv",
        "event_filter_tags_to_process": [
          "kv"
        ],
        "options": {
          "field_split": " ",
          "value_split": ":"
        },
        "set_event_filter_done_if_executed": true
      },
      {
        "type": "filter",
        "event_filter_tags_to_process": [
          "filter_1"
        ],
        "set_event_filter_done_if_executed": true,
        "filter_parts": "${config_dir}/filter_1.json"
      }
    ]
```