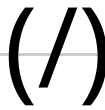


[Docs \(/guide\)](#)[Docs \(/guide\)](#)

You are looking at documentation for an older release. Not what you want? See the current release documentation ([../current/index.html](#)).

[Logstash Reference \[5.3\] \(index.html\)](#) » [Filter plugins \(filter-plugins.html\)](#) » [drop](#)

« [dns \(plugins-filters-dns.html\)](#)

[elapsed](#) » [\(plugins-filters-elased.html\)](#)

drop

[edit \(https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb\)](https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb)

- Version: 3.0.2
- Released on: July 14, 2016
- Changelog (<https://github.com/logstash-plugins/logstash-filter-drop/blob/master/CHANGELOG.md#302>)

Getting Help

[edit \(https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb\)](https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb)

For questions about the plugin, open a topic in the Discuss (<http://discuss.elastic.co>) forums. For bugs or feature requests, open an issue in Github (<https://github.com/elastic/logstash>). For the list of Elastic supported plugins, please consult the Elastic Support Matrix (https://www.elastic.co/support/matrix#show_logstash_plugins).

Description

[edit \(https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb\)](https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb)

Drop filter.

Drops everything that gets to this filter.

This is best used in combination with conditionals, for example:

```
filter {  
  if [loglevel] == "debug" {  
    drop { }  
  }  
}
```

The above will only pass events to the drop filter if the `loglevel` field is `debug`. This will cause all events matching to be dropped.

Synopsis

[edit \(https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb\)](https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb)

This plugin supports the following configuration options:

Required configuration options:

```
drop {  
}
```

Available configuration options:

Setting	Input type	Required
<code>add_field</code> (plugins-filters-drop.html#plugins-filters-drop-add_field)	hash (configuration-file-structure.html#hash)	No
<code>add_tag</code> (plugins-filters-drop.html#plugins-filters-drop-add_tag)	array (configuration-file-structure.html#array)	No
<code>enable_metric</code> (plugins-filters-drop.html#plugins-filters-drop-enable_metric)	boolean (configuration-file-structure.html#boolean)	No
<code>id</code> (plugins-filters-drop.html#plugins-filters-drop-id)	string (configuration-file-structure.html#string)	No
<code>percentage</code> (plugins-filters-drop.html#plugins-filters-drop-percentage)	number (configuration-file-structure.html#number)	No
<code>periodic_flush</code> (plugins-filters-drop.html#plugins-filters-drop-periodic_flush)	boolean (configuration-file-structure.html#boolean)	No
<code>remove_field</code> (plugins-filters-drop.html#plugins-filters-drop-remove_field)	array (configuration-file-structure.html#array)	No
<code>remove_tag</code> (plugins-filters-drop.html#plugins-filters-drop-remove_tag)	array (configuration-file-structure.html#array)	No

Details

[edit \(https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb\)](https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb)

add_field

[edit \(https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb\)](https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb)

- Value type is hash ([configuration-file-structure.html#hash](#))
- Default value is {}

If this filter is successful, add any arbitrary fields to this event. Field names can be dynamic and include parts of the event using the `%{field}`.

Example:

```
filter {
  drop {
    add_field => { "foo_%{somefield}" => "Hello world, from %{host}" }
  }
}
```

```
# You can also add multiple fields at once:
filter {
  drop {
    add_field => {
      "foo_%{somefield}" => "Hello world, from %{host}"
      "new_field" => "new_static_value"
    }
  }
}
```

If the event has field `"somefield" == "hello"` this filter, on success, would add field `foo_hello` if it is present, with the value above and the `%{host}` piece replaced with that value from the event. The second example would also add a hardcoded field.

add_tag

[edit \(https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb\)](https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb)

- Value type is array ([configuration-file-structure.html#array](#))
- Default value is []

If this filter is successful, add arbitrary tags to the event. Tags can be dynamic and include parts of the event using the `%{field}` syntax.

Example:

```
filter {
  drop {
    add_tag => [ "foo_%{somefield}" ]
  }
}
```

```
# You can also add multiple tags at once:
filter {
  drop {
    add_tag => [ "foo_%{somefield}", "taggedy_tag" ]
  }
}
```

If the event has field "somefield" == "hello" this filter, on success, would add a tag foo_hello (and the second example would of course add a taggedy_tag tag).

enable_metric

[edit \(https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb\)](https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb)

- Value type is boolean (configuration-file-structure.html#boolean)
- Default value is true

Disable or enable metric logging for this specific plugin instance by default we record all the metrics we can, but you can disable metrics collection for a specific plugin.

id

[edit \(https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb\)](https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb)

- Value type is string (configuration-file-structure.html#string)
- There is no default value for this setting.

Add a unique ID to the plugin configuration. If no ID is specified, Logstash will generate one. It is strongly recommended to set this ID in your configuration. This is particularly useful when you have two or more plugins of the same type, for example, if you have 2 grok filters. Adding a named ID in this case will help in monitoring Logstash when using the monitoring APIs.

```
output {
  stdout {
    id => "my_plugin_id"
  }
}
```

percentage

[edit \(https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb\)](https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb)

- Value type is number (configuration-file-structure.html#number)
- Default value is 100

Drop all the events within a pre-configured percentage.

This is useful if you just need a percentage but not the whole.

Example, to only drop around 40% of the events that have the field `loglevel` with value `"debug"`.

```
filter {
  if [loglevel] == "debug" {
    drop {
      percentage => 40
    }
  }
}
```

periodic_flush

[edit \(https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb\)](https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb)

- Value type is boolean ([configuration-file-structure.html#boolean](#))
- Default value is `false`

Call the filter flush method at regular interval. Optional.

remove_field

[edit \(https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb\)](https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb)

- Value type is array ([configuration-file-structure.html#array](#))
- Default value is `[]`

If this filter is successful, remove arbitrary fields from this event. Example:

```
filter {
  drop {
    remove_field => [ "foo_%{somefield}" ]
  }
}
```

You can also remove multiple fields at once:

```
filter {
  drop {
    remove_field => [ "foo_%{somefield}", "my_extraneous_field" ]
  }
}
```

If the event has field `"somefield" == "hello"` this filter, on success, would remove the field with name `foo_hello` if it is present. The second example would remove an additional, non-dynamic field.

remove_tag

[edit \(https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb\)](https://github.com/logstash-plugins/logstash-filter-drop/edit/master/lib/logstash/filters/drop.rb)

- Value type is array (configuration-file-structure.html#array)
- Default value is []

If this filter is successful, remove arbitrary tags from the event. Tags can be dynamic and include parts of the event using the `%{field}` syntax.

Example:

```
filter {
  drop {
    remove_tag => [ "foo_%{somefield}" ]
  }
}
```

```
# You can also remove multiple tags at once:
filter {
  drop {
    remove_tag => [ "foo_%{somefield}", "sad_unwanted_tag" ]
  }
}
```

If the event has field `"somefield" == "hello"` this filter, on success, would remove the tag `foo_hello` if it is present. The second example would remove a sad, unwanted tag as well.

« [dns \(plugins-filters-dns.html\)](#)

[elapsed » \(plugins-filters-elapsed.html\)](#)

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- Elasticsearch Demo (<https://www.elastic.co/webinars/getting-started-elasticsearch?baymax=default&elektra=docs&storm=top-video>)
- Kibana 101 (<https://www.elastic.co/webinars/getting-started-kibana?baymax=default&elektra=docs&storm=top-video>)
- Logstash Primer (<https://www.elastic.co/webinars/getting-started-logstash?baymax=default&elektra=docs&storm=top-video>)

On this page

Getting Help

Description

Synopsis

Details

Logstash Reference: 5.3 ▼
Logstash Introduction (introduction.html)
Getting Started with Logstash (getting-started-with-logstash.html)
How Logstash Works (pipeline.html)
Setting Up and Running Logstash (setup-logstash.html)
Breaking changes (breaking-changes.html)
Upgrading Logstash (upgrading-logstash.html)
Configuring Logstash (configuration.html)
Working with Filebeat Modules (filebeat-modules.html)
Deploying and Scaling Logstash (deploying-and-scaling.html)
Performance Tuning (performance-tuning.html)
Monitoring APIs (monitoring.html)
Working with plugins (working-with-plugins.html)
Input plugins (input-plugins.html)
Output plugins (output-plugins.html)
Filter plugins (filter-plugins.html) <ul style="list-style-type: none">age (plugins-filters-age.html)aggregate (plugins-filters-aggregate.html)alter (plugins-filters-alter.html)anonymize (plugins-filters-anonymize.html)cidr (plugins-filters-cidr.html)cipher (plugins-filters-cipher.html)clone (plugins-filters-clone.html)collate (plugins-filters-collate.html)csv (plugins-filters-csv.html)date (plugins-filters-date.html)de_dot (plugins-filters-de_dot.html)dissect (plugins-filters-dissect.html)dns (plugins-filters-dns.html)drop (plugins-filters-drop.html)elapsed (plugins-filters-elapsed.html)elasticsearch (plugins-filters-elasticsearch.html)