

title: Logagent input plugin for ZeroMQ description: Logagent features modular logging architecture framework where each input or output module is implemented as a plugin. Plugin is available as node.js npm package and acts as messages consumer using ZeroMQ supporting three types of messaging patterns, namely Publish-subscribe, Request-response and fire-and-forget some times called pipeline.

## Logagent Plugin: ZeroMQ

Input plugin for [sematext/logagent](http://sematext.com/logagent/). The plugin acts as messages consumer using ZeroMQ.

Input plugins support three types of messaging patterns:

1. Publish-subscribe
2. Request-response
3. fire-and-forget some times called pipeline

At the moment plugin is not able to configure socket parameter, by default fire-and-forget pattern has configured by default **linger** to 500 and **connect\_timeout** to 2500 ms

## Installation

Install [sematext/logagent](https://www.npmjs.com/package/@sematext/logagent) and logagent-input-zeromq npm package:

```
npm i -g @sematext/logagent
npm i -g logagent-input-zeromq
```

## Configuration

```
# Global options
options:
  includeOriginalLine: false

input:
  zeromq:
    module: input-zeromq
    host: 127.0.0.1
    port_zmq: 3000
    # for Fire-and-forget = 0 Request-response = 1 Publish-subscribe= 2
    pattern: 1
    topic: topic-example

output:
  stdout: ldjson # use 'pretty' for pretty json or 'yaml'
```

```
# elasticsearch:  
#   module: elasticsearch  
#   url: http://localhost:9200  
#   index: test
```

Start logagent

```
logagent --config logagent-zeromq-input.yml
```