title: Logagent input plugin for Elasticsearch HTTP description: Logagent features modular logging architecture framework where each input or output module is implemented as a plugin. Elasticsearch HTTP input plugin is used to receive documents via Elasticsearch HTTP indexing API (bulk and post requests). Use powerful Logagent parser with lightweight shippers like Rsyslog or Filebeat or as 'Elasticsearch indexing proxy', and receive events via Elasticsearch bulk API and fan out processed data to multiple outputs

Input Plugin: Elasticsearch HTTP

Plugin to receive documents via Elasticsearch HTTP indexing API (bulk and post requests). You can scale the HTTP service by setting 'worker' property > 0.

Use cases:

- Use the powerful Logagent parser with lightweight shippers like Rsyslog or Filebeat
- Act as 'Elasticsearch indexing proxy' with disk buffer using elasticsearch output plugin
- Receive events via Elasticsearch bulk API and fan out processed data to multiple outputs like Elasticsearch, Kafka or MQTT.

Configuration

```
input:
  elasticsearch-http:
    module: input-elasticsearch-http
    port: 9200
    worker: 0

output:
  stdout: false
  sematext-cloud:
    module: elasticsearch
    url: https://logsene-receiver.sematext.com
    # set default index
    # will be overwritten by data._index from elasticsearch-http plugin
    index: YOUR_SEMATEXT_LOGS_TOKEN

  # Real-time publishing of indexed docs via MQTT
  mqtt:
    module: output-mqtt
    url: mqtt://test.mosquitto.org
    debug: false
    dynamicTopic: data._index
```

Start Logagent

```
logagent --config myconfig.yml
# Index data. If you use Sematext Cloud for the output
# use your Sematext Cloud logs token as index name
curl -XPOST http://127.0.0.1:9200/YOUR_SEMATEXT_LOGS_TOKEN/example/ -d '{
  "message": "Hello, Sematext!"
}'
```