Chapter5

POST standard_tokenizer

> http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "<body>You'll love Elasticsearch 7.0</body>",
    "tokenizer": "standard"
}
```

Example Request

standard_tokenizer

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"<body>You'll love Elasticsearch 7.0</body>\",
    \"tokenizer\": \"standard\"
}"
```

POST standard_tokenizer_lowercase_token_filter

> http://localhost:9200/_analyze

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Content-Type

application/json

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BODY

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```
{
    "text": "<body>You'll love Elasticsearch 7.0</body>",
    "tokenizer": "standard",
    "filter": ["lowercase"]
}
```

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Example Request

ə   standard_tokenizer_lowercase_token_filter

```
curl --location --request POST "http://localhost:9200/_analyze" \
   --header "Content-Type: application/json" \
   --data "{
     \"text\": \"<body>You'll love Elasticsearch 7.0</body>\",
     \"tokenizer\": \"standard\",
     \"filter\": [\"lowercase\"]
}"
```

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POST html_strip_map_filter_standard_tokenizer

ˉ   http://localhost:9200/_analyze

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HEADERS

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Content-Type

application/json

BODY

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```
{
    "text": "<body>You'll love Elasticsearch 7.0</body>",
    "char_filter": ["html_strip", {"type":"mapping", "mappings": ["You'll => You will"]}],
    "tokenizer": "standard",
    "filter": ["lowercase"]
}
```

Example Request

html_strip_map_filter_standard_tokenizer

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"<body>You'll love Elasticsearch 7.0</body>\",
    \"char_filter\": [\"html_strip\", {\"type\":\"mapping\", \"mappings\": [\"You'll => You will
    \"tokenizer\": \"standard\",
    \"filter\": [\"lowercase\"]
}"
```

POST html_strip_standard_tokenizer_lowercase

http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "<body>You'll love Elasticsearch 7.0</body>",
    "char_filter": ["html_strip"],
    "tokenizer": "standard",
    "filter": ["lowercase"]
}
```

Example Request

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html_strip_standard_tokenizer_lowercase

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```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"<body>You'll love Elasticsearch 7.0</body>\",
    \"char_filter\": [\"html_strip\"],
    \"tokenizer\": \"standard\",
    \"filter\": [\"lowercase\"]
}"
```

POST pattern_replace_char_filter

http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "<body>You'll love Elasticsearch 7.0</body>",
    "char_filter": ["html_strip", {"type": "mapping", "mappings": ["You'll=>You will"]},
                    {"type":"pattern_replace", "pattern":"(\\d+).(\\d+)", "replacement":"v$1"}],
    "tokenizer": "standard",
    "filter": ["lowercase"]
}
```

Example Request

pattern_replace_char_filter

e

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"<body>You'll love Elasticsearch 7.0</body>\",
    \"char_filter\": [\"html_strip\", {\"type\": \"mapping\", \"mappings\": [\"You'll=>You will\"
                    {\"type\":\"pattern_replace\", \"pattern\":\"(\\\\d+).(\\\\d+)\", \"replacer
    \"tokenizer\": \"standard\",
    \"filter\": [\"lowercase\"]
}"
```

POST standard_tokenizer2

```
http://localhost:9200/_analyze
```

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "POST https://api.iextrading.com/1.0/stock/acwf/company /usr/local",
    "tokenizer": "standard"
}
```

Example Request

standard_tokenizer2

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"POST https://api.iextrading.com/1.0/stock/acwf/company /usr/local\",
    \"tokenizer\": \"standard\"
}"
```

POST letter_tokenizer

> http://localhost:9200/_analyze

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Content-Type

application/json

BODY

```
{
    "text": "POST https://api.iextrading.com/1.0/stock/acwf/company /user/local",
    "tokenizer": "whitespace"
}
```

Example Request

letter_tokenizer

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"POST https://api.iextrading.com/1.0/stock/acwf/company /user/local\",
    \"tokenizer\": \"whitespace\"
}"
```

POST lowercase_tokenizer

> http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "POST https://api.iextrading.com/1.0/stock/acwf/company /usr/local",
    "tokenizer": "lowercase"
}
```

Example Request

lowercase_tokenizer

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"POST https://api.iextrading.com/1.0/stock/acwf/company /usr/local\",
    \"tokenizer\": \"lowercase\"
}"
```

POST whitespace_tokenizer

```
http://localhost:9200/_analyze
```

HEADERS

Content-Type
application/json

BODY

```
{
    "text": "POST https://api.iextrading.com/1.0/stock/acwf/company /usr/local",
    "tokenizer": "whitespace"
}
```

Example Request

whitespace_tokenizer

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"POST https://api.iextrading.com/1.0/stock/acwf/company /usr/local\",
    \"tokenizer\": \"whitespace\"
}"
```

POST uax_url_email_tokenizer

http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "POST https://api.iextrading.com/1.0/stock/acwf/company /usr/local",
    "tokenizer": "uax_url_email"
}
```

Example Request

uax_url_email_tokenizer

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"POST https://api.iextrading.com/1.0/stock/acwf/company /usr/local\",
    \"tokenizer\": \"uax_url_email\"
}"
```

POST classic-tokenizer

http://localhost:9200/_analyze

HEADERS

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Content-Type

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BODY

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```
{
    "text": "POST https://api.iextrading.com/1.0/stock/acwf/company 192.168.0.1 100-123",
    "tokenizer": "classic"
}
```

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Example Request

ء classic-tokenizer

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```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"POST https://api.iextrading.com/1.0/stock/acwf/company 192.168.0.1 100-123\",
    \"tokenizer\": \"classic\"
}"
```

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e **POST** thai_tokenizer

http://localhost:9200/_analyze

HEADERS

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Content-Type

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BODY

```
{
    "text": "คุณจะรัก Elasticsearch 7.0",
    "tokenizer": "thai"
}
```

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Example Request

```
thai_tokenizer
```

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"คุณจะรัก Elasticsearch 7.0\",
    \"tokenizer\": \"thai\"
}"
```

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POST ngram_tokenizer

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```
http://localhost:9200/_analyze
```

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HEADERS

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Content-Type

application/json

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BODY

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```
{
    "text": "Elasticsearch 7.0",
    "tokenizer": {"type":"ngram", "min_gram":2, "max_gram":2, "token_chars": ["punctuation", "di
}
```

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Example Request

```
ngram_tokenizer
```

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"Elasticsearch 7.0\",
    \"tokenizer\": {\"type\":\"ngram\", \"min_gram\":2, \"max_gram\":2, \"token_chars\": [\"pun
}"
```

e

e

POST edge_ngram_tokenizer

> http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "Elasticsearch 7.0",
    "tokenizer": {"type":"edge_ngram", "min_gram":2, "max_gram":2, "token_chars": ["punctuation"
}
```

Example Request

edge_ngram_tokenizer

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"Elasticsearch 7.0\",
    \"tokenizer\": {\"type\":\"edge_ngram\", \"min_gram\":2, \"max_gram\":2, \"token_chars\": [\
}"
```

POST keyword_tokenizer

> http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

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BODY

```
{
    "text": "Elasticsearch 7.0",
    "tokenizer": "keyword"
}
```

Example Request

keyword_tokenizer

```
curl --location --request POST "http://localhost:9200/_analyze" \
    --header "Content-Type: application/json" \
    --data "{
      \"text\": \"Elasticsearch 7.0\",
      \"tokenizer\": \"keyword\"
    }"
```

POST pattern_tokenizer

http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "Elasticsearch 7.0",
    "tokenizer": "pattern"
}
```

Example Request

pattern_tokenizer

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"Elasticsearch 7.0\",
    \"tokenizer\": \"pattern\"
}"
```

POST char_group_tokenizer

http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "Elasticsearch 7.0",
    "tokenizer": {"type":"char_group", "tokenize_on_chars": ["whitespace", "punctuation"]}
}
```

Example Request

char_group_tokenizer

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"Elasticsearch 7.0\",
    \"tokenizer\": {\"type\":\"char_group\", \"tokenize_on_chars\": [\"whitespace\", \"punctuati
}"
```

POST simple_pattern_tokenizer

http://localhost:9200/_analyze

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HEADERS

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application/json

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BODY

```
{
    "text": "Elasticsearch 7.0",
    "tokenizer": {"type":"simple_pattern", "pattern": "[a-zA-Z]*"}
}
```

Example Request

simple_pattern_tokenizer

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"Elasticsearch 7.0\",
    \"tokenizer\": {\"type\":\"simple_pattern\", \"pattern\": \"[a-zA-Z]*\"}
}"
```

e

POST simple_pattern_split_tokenizer

```
http://localhost:9200/_analyze
```

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "Elasticsearch 7.0",
    "tokenizer": {"type":"simple_pattern_split", "pattern": "[a-zA-Z.]*"}
}
```

e

e

Example Request

simple_pattern_split_tokenizer

```
curl --location --request POST "http://localhost:9200/_analyze" \
   --header "Content-Type: application/json" \
   --data "{
     \"text\": \"Elasticsearch 7.0\",
     \"tokenizer\": {\"type\":\"simple_pattern_split\", \"pattern\": \"[a-zA-Z.]*\"}
}"
```

POST asciifolding_token_filter

http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "Ÿőű'ĺĬ ľővè Èľàśťĭĉŝèàŕĉĥ 7.0",
    "tokenizer": "standard",
    "filter": [{"type":"asciifolding", "preserve_original":true}]

}
```

Example Request

asciifolding_token_filter

e

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"Ÿőű'lľ ľővė Ěľăśťĭćśėăŕćĥ 7.0\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\":\"asciifolding\", \"preserve_original\":true}]

  }"
```

POST ngram_token_filter

http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "Elasticsearch 7.0",
    "tokenizer": "standard",
    "filter": [{"type":"ngram", "min_gram":10, "max_gram":10}]
}
```

Example Request

ngram_token_filter

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"Elasticsearch 7.0\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\":\"ngram\", \"min_gram\":10, \"max_gram\":10}]
  }"
```

POST edge_ngram_token_filter

```
http://localhost:9200/_analyze
```

e

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "You'll love Elasticsearch 7.0",
    "tokenizer": "standard",
    "filter": [{"type":"edge_ngram", "min_gram":10, "max_gram":10}]
}
```

Example Request

edge_ngram_token_filter

```
curl --location --request POST "http://localhost:9200/_analyze" \
   --header "Content-Type: application/json" \
   --data "{
    \"text\": \"You'll love Elasticsearch 7.0\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\":\"edge_ngram\", \"min_gram\":10, \"max_gram\":10}]
}"
```

POST lowercase_token_filter

```
http://localhost:9200/_analyze
```

HEADERS

Content-Type

application/json

BODY

e

```
{
    "text": "You'll love Elasticsearch 7.0",
    "tokenizer": "standard",
    "filter": ["lowercase"]
}
```

Example Request

lowercase_token_filter

```
curl --location --request POST "http://localhost:9200/_analyze" \
    --header "Content-Type: application/json" \
    --data "{
      \"text\": \"You'll love Elasticsearch 7.0\",
      \"tokenizer\": \"standard\",
      \"filter\": [\"lowercase\"]
}"
```

POST fingerprint_token_filter

http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "You'll love Elasticsearch 7.0",
    "tokenizer": "standard",
    "filter": ["fingerprint"]
}
```

Example Request

fingerprint_token_filter

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"You'll love Elasticsearch 7.0\",
    \"tokenizer\": \"standard\",
    \"filter\": [\"fingerprint\"]
}"
```

POST keep_token_filter

http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "You'll love Elasticsearch 7.0",
    "tokenizer": "standard",
    "filter": [{"type": "keep", "keep_words":["Elasticsearch", "7.0"]}]
}
```

Example Request

keep_token_filter

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"You'll love Elasticsearch 7.0\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\": \"keep\", \"keep_words\":[\"Elasticsearch\", \"7.0\"]}]
}"
```

POST keep_types_token_filter

```
http://localhost:9200/_analyze
```

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HEADERS

e
Content-Type

application/json

a

BODY

a

```
{
    "text": "You'll love Elasticsearch 7.0",
    "tokenizer": "standard",
    "filter": [{"type": "keep_types", "types":["<NUM>"]}]
}
```

e

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Example Request

```
keep_types_token_filter
```

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"You'll love Elasticsearch 7.0\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\": \"keep_types\", \"types\":[\"<NUM>\"]}]
}"
```

e

e

POST stemmer_token_filter

```
http://localhost:9200/_analyze
```

HEADERS

Content-Type

application/json

BODY

e

```
{
    "text": "love loves loved loving",
    "tokenizer": "standard",
    "filter": [{"type": "stemmer", "name":"english"}]
}
```

Example Request

stemmer_token_filter

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"love loves loved loving\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\": \"stemmer\", \"name\":\"english\"}]
}"
```

POST stop_token_filter

http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "A an The and Elasticsearch",
    "tokenizer": "standard",
    "filter": [{"type": "stop", "stopwords":["_english_"], "ignore_case":true}]
}
```

Example Request

stop_token_filter

```
curl --location --request POST "http://localhost:9200/_analyze" \
   --header "Content-Type: application/json" \
   --data "{
     \"text\": \"A an The and Elasticsearch\",
     \"tokenizer\": \"standard\",
     \"filter\": [{\"type\": \"stop\", \"stopwords\":[\"_english_\"], \"ignore_case\":true}]
   }"
```

POST unique_token_filter

http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "love loves loved loving",
    "tokenizer": "standard",
    "filter": [{"type": "stemmer", "name":"english"}, "unique"]
}
```

Example Request

unique_token_filter

```
curl --location --request POST "http://localhost:9200/_analyze" \
   --header "Content-Type: application/json" \
   --data "{
     \"text\": \"love loves loved loving\",
     \"tokenizer\": \"standard\",
     \"filter\": [{\"type\": \"stemmer\", \"name\":\"english\"}, \"unique\"]
   }"
```

POST predicate_token_filter

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http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "You'll love Elasticsearch 7.0",
    "tokenizer": "standard",
    "filter": [{"type": "predicate_token_filter", "script":{"source":"token.getType()=='<NUM>'"}
}
```

Example Request

predicate_token_filter

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"You'll love Elasticsearch 7.0\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\": \"predicate_token_filter\", \"script\":{\"source\":\"token.getType()
}"
```

POST conditional_token_filter

http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

e

```
{
    "text": "You'll love Elasticsearch 7.0",
    "tokenizer": "standard",
    "filter": [{"type": "condition", "script":{"source":"token.getType()=='<ALPHANUM>'"}, "filte
}
```

Example Request

conditional_token_filter

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"You'll love Elasticsearch 7.0\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\": \"condition\", \"script\":{\"source\":\"token.getType()=='<ALPHANUM>
}"
```

POST word_delimiter_token_filter_generate_word_parts_true

http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "ElasticSearch 7.0",
    "tokenizer": "standard",
    "filter": [{"type":"word_delimiter", "generate_word_parts":true}]
}
```

Example Request

word_delimiter_token_filter_generate_word_parts_true

e

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"ElasticSearch 7.0\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\":\"word_delimiter\", \"generate_word_parts\":true}]
  }"
```

POST word_delimiter_token_filter_generate_word_parts_false

http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "ElasticSearch 7.0",
    "tokenizer": "standard",
    "filter": [{"type":"word_delimiter", "generate_word_parts":false}]
}
```

Example Request

word_delimiter_token_filter_generate_word_parts_false

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"ElasticSearch 7.0\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\":\"word_delimiter\", \"generate_word_parts\":false}]
  }"
```

e

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POST word_delimiter_token_filter_generate_number_parts_true

> http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "ElasticSearch 7.0",
    "tokenizer": "standard",
    "filter": [{"type":"word_delimiter", "generate_number_parts":true}]
}
```

Example Request

word_delimiter_token_filter_generate_number_parts_true

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"ElasticSearch 7.0\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\":\"word_delimiter\", \"generate_number_parts\":true}]
}"
```

POST word_delimiter_token_filter_generate_number_parts_false

> http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

e

BODY

```
{
    "text": "ElasticSearch 7.0",
    "tokenizer": "standard",
    "filter": [{"type":"word_delimiter", "generate_number_parts":false}]
}
```

Example Request

word_delimiter_token_filter_generate_number_parts_false

```
curl --location --request POST "http://localhost:9200/_analyze" \
   --header "Content-Type: application/json" \
   --data "{
     \"text\": \"ElasticSearch 7.0\",
     \"tokenizer\": \"standard\",
     \"filter\": [{\"type\":\"word_delimiter\", \"generate_number_parts\":false}]
   }"
```

POST word_delimiter_token_filter_catenate_words_true

http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "Elastic_Search 7.0",
    "tokenizer": "standard",
    "filter": [{"type":"word_delimiter", "catenate_words": true}]
}
```

Example Request

e

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"Elastic_Search 7.0\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\":\"word_delimiter\", \"catenate_words\": true}]
}"
```

e

POST word_delimiter_token_filter_catenate_words_false

```
http://localhost:9200/_analyze
```

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "Elastic_Search 7.0",
    "tokenizer": "standard",
    "filter": [{"type":"word_delimiter", "catenate_words": false}]
}
```

Example Request

word_delimiter_token_filter_catenate_words_false

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"Elastic_Search 7.0\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\":\"word_delimiter\", \"catenate_words\": false}]
}"
```

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POST word_delimiter_token_filter_catenate_numbers_true

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http://localhost:9200/_analyze

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HEADERS

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Content-Type

ə application/json

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BODY

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```
{
    "text": "Elastic_Search 7.0",
    "tokenizer": "standard",
    "filter": [{"type":"word_delimiter", "catenate_numbers": true}]
}
```

—

— Example Request

word_delimiter_token_filter_catenate_numbers_true

e

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"Elastic_Search 7.0\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\":\"word_delimiter\", \"catenate_numbers\": true}]
}"
```

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POST word_delimiter_token_filter_catenate_number_false

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http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

e

BODY

```
{
    "text": "Elastic_Search 7.0",
    "tokenizer": "standard",
    "filter": [{"type":"word_delimiter", "catenate_numbers": false}]
}
```

Example Request

word_delimiter_token_filter_catenate_number_false

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"Elastic_Search 7.0\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\":\"word_delimiter\", \"catenate_numbers\": false}]
}"
```

POST word_delimiter_token_filter_catenate_all_true

http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "Elastic_Search 7.0",
    "tokenizer": "standard",
    "filter": [{"type":"word_delimiter", "catenate_all": true}]
}
```

Example Request

word_delimiter_token_filter_catenate_all_true

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"Elastic_Search 7.0\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\":\"word_delimiter\", \"catenate_all\": true}]
}"
```

POST word_delimiter_token_filter_catenate_all_false

http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "Elastic_Search 7.0",
    "tokenizer": "standard",
    "filter": [{"type":"word_delimiter", "catenate_all": false}]
}
```

Example Request

word_delimiter_token_filter_catenate_all_false

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"Elastic_Search 7.0\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\":\"word_delimiter\", \"catenate_all\": false}]
}"
```

POST word_delimiter_token_filter_split_on_case_change_true

> http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "ElasticSearch 7.0",
    "tokenizer": "standard",
    "filter": [{"type":"word_delimiter", "split_on_case_change": true}]
}
```

Example Request

word_delimiter_token_filter_split_on_case_change_true

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"ElasticSearch 7.0\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\":\"word_delimiter\", \"split_on_case_change\": true}]
}"
```

POST word_delimiter_token_filter_split_on_case_change_false

> http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "ElasticSearch 7.0",
    "tokenizer": "standard",
    "filter": [{"type":"word_delimiter", "split_on_case_change": false}]
}
```

Example Request

word_delimiter_token_filter_split_on_case_change_false

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"ElasticSearch 7.0\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\":\"word_delimiter\", \"split_on_case_change\": false}]
}"
```

POST word_delimiter_token_filter_preserve_original_true

http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "Elastic_Search 7.0",
    "tokenizer": "standard",
    "filter": [{"type":"word_delimiter", "preserve_original": true}]
}
```

Example Request

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"Elastic_Search 7.0\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\":\"word_delimiter\", \"preserve_original\": true}]
}"
```

POST word_delimiter_token_filter_preserve_original_false

```
http://localhost:9200/_analyze
```

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "ElasticSearch 7.0",
    "tokenizer": "standard",
    "filter": [{"type":"word_delimiter", "preserve_original": false}]
}
```

Example Request

word_delimiter_token_filter_preserve_original_false

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"ElasticSearch 7.0\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\":\"word_delimiter\", \"preserve_original\": false}]
}"
```

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POST word_delimiter_token_filter_split_on_numeric_true

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```
http://localhost:9200/_analyze
```

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HEADERS

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Content-Type

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BODY

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```
{
    "text": "SN12X",
    "tokenizer": "standard",
    "filter": [{"type":"word_delimiter", "split_on_numerics":true}]
}
```

–

– Example Request

word_delimiter_token_filter_split_on_numeric_true

e

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"SN12X\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\":\"word_delimiter\", \"split_on_numerics\":true}]
}"
```

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POST word_delimiter_token_filter_split_on_numeric_false

```
http://localhost:9200/_analyze
```

HEADERS

Content-Type

application/json

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BODY

```
{
    "text": "ElasticSearch 7.0",
    "tokenizer": "standard",
    "filter": [{"type":"word_delimiter", "split_on_numeric": false}]
}
```

Example Request

word_delimiter_token_filter_split_on_numeric_false

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"ElasticSearch 7.0\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\":\"word_delimiter\", \"split_on_numeric\": false}]
}"
```

POST word_delimiter_token_filter_stem_english_possesive_true

http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "Elasticsearch's analyer",
    "tokenizer": "standard",
    "filter": [{"type":"word_delimiter", "stem_english_possessive":true}]
}
```

Example Request

word_delimiter_token_filter_stem_english_possesive_true

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"Elasticsearch's analyer\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\":\"word_delimiter\", \"stem_english_possessive\":true}]
}"
```

POST word_delimiter_token_filter_stem_english_possesive_false

http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "Elasticsearch's analyzer",
    "tokenizer": "standard",
    "filter": [{"type":"word_delimiter", "stem_english_possessive":false}]
}
```

Example Request

word_delimiter_token_filter_stem_english_possesive_false

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"Elasticsearch's analyzer\",
    \"tokenizer\": \"standard\",
    \"filter\": [{\"type\":\"word_delimiter\", \"stem_english_possessive\":false}]
}"
```

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POST standard_analyzer

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http://localhost:9200/_analyze

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HEADERS

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Content-Type

ə application/json

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BODY

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```
{
    "text": "In Elasticsearch 7.0",
    "analyzer": "standard"
}
```

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Example Request

— standard_analyzer

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```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"In Elasticsearch 7.0\",
    \"analyzer\": \"standard\"
}"
```

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POST simple_analyzer

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http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

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```
{
    "text": "In Elasticsearch 7.0",
    "analyzer": "simple"
}
```

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Example Request

simple_analyzer

e

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"In Elasticsearch 7.0\",
    \"analyzer\": \"simple\"
}"
```

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POST whitespace_analyzer

```
http://localhost:9200/_analyze
```

HEADERS

e

Content-Type

e application/json

BODY

```
{
    "text": "In Elasticsearch 7.0",
    "analyzer": "whitespace"
}
```

Example Request

whitespace_analyzer

e

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"In Elasticsearch 7.0\",
    \"analyzer\": \"whitespace\"
}"
```

POST stop_analyzer

http://localhost:9200/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text": "You'll love Elasticsearch 7.0",
    "analyzer": "whitespace"
}
```

Example Request

stop_analyzer

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"You'll love Elasticsearch 7.0\",
    \"analyzer\": \"whitespace\"
}"
```

POST keyword_analyzer

http://localhost:9200/_analyze

HEADERS

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Content-Type

ᵉ application/json

ᵉ

BODY

ᵉ

```
{
    "text": "In Elasticsearch 7.0",
    "analyzer": "keyword"
}
```

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Example Request

ᵉ keyword_analyzer

```
curl --location --request POST "http://localhost:9200/_analyze" \
   --header "Content-Type: application/json" \
   --data "{
     \"text\": \"In Elasticsearch 7.0\",
     \"analyzer\": \"keyword\"
}"
```

e

ᵉ # POST pattern_analyzer

```
http://localhost:9200/_analyze
```

HEADERS

ᵗ

Content-Type

ᵗ application/json

BODY

```
{
    "text": "In Elasticsearch 7.0",
    "analyzer": "pattern"
}
```

e

e

Example Request

pattern_analyzer

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"In Elasticsearch 7.0\",
    \"analyzer\": \"pattern\"
}"
```

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POST fingerprint_analyzer

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http://localhost:9200/_analyze

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HEADERS

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Content-Type

application/json

‾

e BODY

e

```
{
    "text": "In Elasticsearch 7.0",
    "analyzer": "pattern"
}
```

‾

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Example Request

ı fingerprint_analyzer

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"In Elasticsearch 7.0\",
    \"analyzer\": \"pattern\"
}"
```

e

POST english_analyzer

e

    http://localhost:9200/_analyze

e

e

HEADERS

Content-Type

application/json

e

BODY

```
{
    "text": "In Elasticsearch 7.0",
    "analyzer": "english"
}
```

e

Example Request

    english_analyzer

```
curl --location --request POST "http://localhost:9200/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\": \"In Elasticsearch 7.0\",
    \"analyzer\": \"english\"
}"
```

PUT define_custom_analyzer

    http://localhost:9200/cf_etf

HEADERS

Content-Type

application/json

BODY

e

```
{
    "mappings": {
        "dynamic": false,
        "properties": {
            "symbol": {"type": "keyword"},
            "fund_name": {"type": "text"},
            "rating": {"type": "byte"},
            "morningstar_category": {"type": "keyword"},
            "category": {"type": "keyword"},
```

Example Request

define_custom_analyzer

```
curl --location --request PUT "http://localhost:9200/cf_etf" \
  --header "Content-Type: application/json" \
  --data "{
    \"mappings\": {
        \"dynamic\": false,
        \"properties\": {
            \"symbol\": {\"type\": \"keyword\"},
            \"fund_name\": {\"type\": \"text\"},
            \"rating\": {\"type\": \"byte\"},
```

POST test_custom_analyzer

http://localhost:9200/cf_etf/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text":"The investment seeks to track the price and yield performance, before fees and expen
    "analyzer": "description_analyzer"
}
```

e

Example Request

test_custom_analyzer

```
curl --location --request POST "http://localhost:9200/cf_etf/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\":\"The investment seeks to track the price and yield performance, before fees and ex
  The index is designed to broadly capture the U.S. investment grade, fixed income securities mar
    \"analyzer\": \"description_analyzer\"
}"
```

PUT define_lowercase_normailizer

http://localhost:9200/cf_etf_toy

HEADERS

Content-Type

application/json

BODY

```
{
    "settings": {
        "analysis": {
            "normalizer" : {
                "lowercase_normalizer": {
                    "type": "custom",
                    "filter": ["lowercase"]
                }
            }
        }
    }
```

Example Request

define_lowercase_normailizer

e

```
curl --location --request PUT "http://localhost:9200/cf_etf_toy" \
  --header "Content-Type: application/json" \
  --data "{
    \"settings\": {
        \"analysis\": {
            \"normalizer\" : {
                \"lowercase_normalizer\": {
                    \"type\": \"custom\",
                    \"filter\": [\"lowercase\"]
                }
```

POST test_lowercase_normailizer

http://localhost:9200/cf_etf/_analyze

HEADERS

Content-Type

application/json

BODY

```
{
    "text":"The investment seeks to track the price and yield performance, before fees and expen
    "analyzer": "description_analyzer"
}
```

Example Request

test_lowercase_normailizer

```
curl --location --request POST "http://localhost:9200/cf_etf/_analyze" \
  --header "Content-Type: application/json" \
  --data "{
    \"text\":\"The investment seeks to track the price and yield performance, before fees and ex
 The index is designed to broadly capture the U.S. investment grade, fixed income securities mar
    \"analyzer\": \"description_analyzer\"
}"
```