### Get Parsers

Gets a list of the parsers that match the search keyword.

#### HTTP Request

GET /api/sonar/parsers

Request using cURL

curl -H "Authorization: Bearer <API\_KEY>" \ https://HOSTNAME/api/sonar/parsers

Request Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Required | Type | Description | Note |
| offset | X | 32-bit integer | Number of records to skip | Default: 0 |
| limit | X | 32-bit integer | Maximum number of records to load |  |
| type | X | String | Parser type | parser or normalizer |
| keywords | X | String | Keyword | Search available by code, name |

#### Success Response

{ "total\_count": 27, "parsers": [ { "code": "fortigate", "name": "Fortigate", "description": "Parse Fortigate logs.", "factory\_name": "fortigate", "factory\_display\_name": "Fortigate", "builtin": true, "configs": { "ver": "2" }, "created": "2022-09-01 00:31:14+0900", "updated": "2022-09-01 00:31:14+0900" } ]}

* **total\_count** (32-bit integer): Total number of parsers that match the search keyword
* **parsers** (Array): Parser list
* **code** (String): Parser code, referenced when calling the parser from the [parse command](https://docs.logpresso.com/en/sonar/4.0/api/ko/query/parse-command).
* **name** (String): Display name of the parser
* **description** (String): Parser description
* **factory\_name** (String): [Parser factory name](https://docs.logpresso.com/en/sonar/4.0/api/get-parser-factories)
* **factory\_display\_name** (String): Display name of parser type
* **builtin** (Boolean): Whether the parser is built-in in the package
* **schema\_code** (String): Log schema code. (Only for log normalizers)
* **schema\_name** (String): Display name of the log schema. (Only for log normalizers)
* **configs** (Map): List of key/value pairs in the [Parser factory information](https://docs.logpresso.com/en/sonar/4.0/api/get-parser-factory).
* **created** (String): Date and time of creation (yyyy-MM-dd HH:mm:ssZ)
* **updated** (String): Date and time of last modification (yyyy-MM-dd HH:mm:ssZ)

#### Error Responses

Invalid parser type

{ "error\_code": "invalid-argument", "error\_msg": "type should be 'parser' or 'normalizer': unknown"}

offset or limit value is not an integer

HTTP status code 400

{ "error\_code": "invalid-argument", "error\_msg": "'offset' parameter should be int type"}

offset or limit value is negative

HTTP status code 400

{ "error\_code": "invalid-argument", "error\_msg": "'offset' must be greater than or equal to 0."}