

OpenKID Portal API

October, 2019

This document describes the RET API provided the OpenKID portal. For support contact us at kid@fairmat.com.

1. Get KIDs

Provides the list of the KIDs available in the platform together with the date of their last available information. Optionally provides only entity which have been updated after a given date or made from specific issuer.

Request

Method	URL
GET	<code>api/kid/</code>

Type	Params	Values
Header param	<code><api_token></code>	string
Url optional param	<code><issuer></code>	string
Url optional param	<code><updated></code>	date time

issuer

Optional issuer name: OpenKID will return just kids matching issuer name.

updated

Optional date, in ISO 8601 format, for filtering KIDs updated after a given date.

Request Example

`https://<hostname>/api/kid /?updated=2019-02-10`

Response (product without investment options)

Status	Response
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200	<p>Response will be a list (array) of object containing KIDs information and last date when entity has been updated.</p> <pre>[{ "ProductIdentifier": "GB00BYZHSQ53", "ProductIdentifierType": 1, "ProductName": "876 FTSE100 SP500 Def Autocall 9.9", "ProductCurrency": "GBP", "CollectionIdentifier": null, "IssuerName": "Company A", "ReferenceDate": "2019-02-10" }, { "ProductIdentifier": "DE000HV40C22", "ProductIdentifierType": 1, "ProductName": "Cash Collect Autocallable", "ProductCurrency": "GBP", "CollectionIdentifier": null, "IssuerName": "Company B", "ReferenceDate": "2019-02-16" }, ...]</pre>
401	<pre>{"error": "Access denied: API token not valid."}</pre>
500	<pre>{"error": "Something went wrong. Please try again later."}</pre>

2. Get KID (Current)

The method provides information about the current official KID for a given PRIIP and include the current target market data, documents and attachments.

Request

Method	URL
GET	api/kid/<product_identifier>/current/

Type	Params	Values
Header param	<api_token>	string
Url param	<product_identifier>	string
Url optional param	<language>	string

product_identifier

Identification of the financial instrument.

language

Optional language codification, in ISO 639-2 format, for filtering document and attachment by language.

Request Example

<https://<hostname>/api/kid/GB00BYZHSQ53/current/?language=it>

Response (product without investment options)

Status	Response
200	<p>Response will be a list (array) of object containing product information and last version of target market info, documents and attachment.</p> <pre>[{ "ProductIdentifier": "GB00BYZHSQ53", "ProductIdentifierType": 1, "ProductName": "876 FTSE100 SP500 Def Autocall 9.9", "ProductCurrency": "GBP", "CollectionIdentifier": null, "Version": "v002", "ReferenceDate": "2016-06-08", "ExpireDate": null, "TargetMarket": { "RiskTolerancePRIIPMethodology": "3", "MaturityDate": "2022-06-03", "MaybeTerminatedEarly": "Y", "LimitedCapitalLossLevel": 0 }, "KidDocuments": [{ "Name": "GB00BYZHSQ53-KID-en_ver2", "Language": "en", "Url": "https://cloud.fairmat.com/GB00BYZHSQ53-KID-en_ver2.pdf" }] }]</pre>

	<pre> }], "Attachments": [], "InvestmentOptions": [] }] </pre>
401	<code>{"error": "Access denied: API token not valid."}</code>
500	<code>{"error": "Something went wrong. Please try again later."}</code>

Response (product with investment options)

Status	Response
200	<p>Response will be a list (array) of object containing product information and last version of target market info, documents and attachment.</p> <pre> [{ "ProductIdentifier": "GB00BYZHSQ53", "ProductIdentifierType": 1, "ProductName": "876 FTSE100 SP500 Def Autocall 9.9", "ProductCurrency": "GBP", "CollectionIdentifier": null, "Version": "v002", "ReferenceDate": "2016-06-08", "ExpireDate": null, "TargetMarket": { "RiskTolerancePRIIPSMethodology": "3-5", "MaturityDate": "2022-06-03", "MaybeTerminatedEarly": "Y", "LimitedCapitalLossLevel": 0 }, "KidDocuments": [{ "Name": "GB00BYZHSQ53-KID-en_ver2", "Language": "en", "Url": "https://cloud.fairmat.com/GB00BYZHSQ53-KID-en_ver2.pdf" }], "Attachments": [], "InvestmentOptions": [</pre>

	<pre> { "InvestmentOptionIdentifier": "GB00BYZHSQ53-A", "InvestmentOptionName": "876 FTSE100 SP500 Def Autocall 9.9 Option A", "InvestmentOptionCurrency": "GBP", "TargetMarket": { "RiskTolerancePRIIPSMethodology": "3", "MaturityDate": "2022-06-03", "MaybeTerminatedEarly": "Y", "LimitedCapitalLossLevel": 0 }, "KidDocuments": [{ "Name": "GB00BYZHSQ53-A-KID-en_ver2", "Language": "en", "Url": "https://cloud.fairmat.com/GB00BYZHSQ53-A-KID-en.pdf" }], }, { "InvestmentOptionIdentifier": "GB00BYZHSQ53-B", "InvestmentOptionName": "876 FTSE100 SP500 Def Autocall 9.9 Option B", "InvestmentOptionCurrency": "GBP", "TargetMarket": { "RiskTolerancePRIIPSMethodology": "5", "MaturityDate": "2022-06-03", "MaybeTerminatedEarly": "Y", "LimitedCapitalLossLevel": 0 }, "KidDocuments": [{ "Name": "GB00BYZHSQ53-B-KID-en_ver2", "Language": "en", "Url": "https://cloud.fairmat.com/GB00BYZHSQ53-B-KID-en.pdf" }] }] </pre>
401	{"error": "Access denied: API token not valid."}
500	{"error": "Something went wrong. Please try again later."}

3. Get KID (History)

Get kid information include the full history including the current version of the KIDs for a given PRIIP including urls to PDF documents metadata and attachments.

Request

Method	URL
GET	api/kid/<product_identifier>/

Type	Params	Values
Header param Url param Url optional param	<api_token> <product_identifier> <language>	string string string

product_identifier

Identification of the financial instrument.

language

Optional language codification, in ISO 639-2 format, for filtering document and attachment by language.

Request Example

https://<hostname>/api/kid/GB00BYZHSQ53/?language=en

Response

Status	Response
200	<p>Response will be a list (array) of object containing product information and a list of versions with relative target market info, documents and attachment.</p> <pre>[{ "ProductIdentifier": "GB00BYZHSQ53", "ProductIdentifierType": 1, "ProductName": " 876 FTSE100 SP500 Def Autocall 9.9", "ProductCurrency": "GBP", "CollectionIdentifier": null,</pre>

```
"Versions": [  
  {  
    "Version": "v001",  
    "ReferenceDate": "2016-03-18",  
    "ExpireDate": "2016-06-07",  
    "TargetMarket": {  
      "RiskTolerancePRIIPMethodology": "4",  
      "MaturityDate": "2022-03-18",  
      "MaybeTerminatedEarly": "Y",  
      "LimitedCapitalLossLevel": 0  
    },  
    "KidDocuments": [  
      {  
        "Name": "GB00BYZHSQ53-KID-en_ver1",  
        "Language": "en",  
        "Url": "https://cloud.fairmat.com/GB00BYZHSQ53-KID-en_ver1.pdf"  
      }  
    ],  
    "Attachments": [],  
    "InvestmentOptions": []  
  },  
  {  
    "Version": "v002",  
    "ReferenceDate": "2016-06-08",  
    "ExpireDate": null,  
    "TargetMarket": {  
      "RiskTolerancePRIIPMethodology": "3",  
      "MaturityDate": "2022-03-18",  
      "MaybeTerminatedEarly": "Y",  
      "LimitedCapitalLossLevel": 0  
    },  
    "KidDocuments": [  
      {  
        "Name": "GB00BYZHSQ53-KID-en_ver2",  
        "Language": "en",  
        "Url": "https://cloud.fairmat.com/GB00BYZHSQ53-KID-en_ver2.pdf"  
      }  
    ],  
    "Attachments": [],  
    "InvestmentOptions": []  
  }  
]  
}
```

]
401	{"error": "Access denied: API token not valid."}
500	{"error": "Something went wrong. Please try again later."}

4. Get KID Collection (Current)

Get the current version of aggregated information for KIDs which are part of a collection of (products or investment options).

Request

Method	URL
GET	api/kidcollection/<collection_identifier>/current/

Type	Params	Values
Header param	<api_token>	string
Url param	<collection_identifier>	string
Url optional param	<language>	string

collection_identifier

Identification of the collection of KIDs.

language

Optional language codification, in ISO 639-2 format, for filtering document and attachment by language.

Request Example

https://<hostname>/api/kidcollection/XS123/current/?language=it

Response

Status	Response
200	<p>Response will be a list (array) of object containing product information and current version of target market information, documents and attachment.</p> <pre>[{ "ProductIdentifier": "XS123YZHSQ53", "ProductIdentifierType": 1, "ProductName": " 876 FTSE100 SP500 Def Autocall 9.9", "ProductCurrency": "GBP", "CollectionIdentifier": "XS123",</pre>

```
"Version": "v002",
"ReferenceDate": "2016-06-08",
"ExpireDate": null,
"TargetMarket": {
  "RiskTolerancePRIIPMethodology": "3",
  "MaturityDate": "2022-03-18",
  "MaybeTerminatedEarly": "Y",
  "LimitedCapitalLossLevel": 0
},
"KidDocuments": [
  {
    "Name": "XS123YZHSQ53-KID-en_ver2",
    "Language": "en",
    "Url": "https://cloud.fairmat.com/XS123YZHSQ53-KID-en_ver2.pdf"
  }
],
"Attachments": [],
"InvestmentOptions": []
},
{
  "ProductIdentifier": "XS1237140329",
  "ProductIdentifierType": 1,
  "ProductName": "4 Year Triple Index Defensive Kick Out Plan August 2015",
  "ProductCurrency": "GBP",
  "MopIdentifier": "XS123",
  "Version": "v002",
  "ReferenceDate": "2016-06-08",
  "ExpireDate": null,
  "TargetMarket": {
    "RiskTolerancePRIIPMethodology": "3",
    "MaturityDate": "2022-03-18",
    "MaybeTerminatedEarly": "Y",
    "LimitedCapitalLossLevel": 0
  },
  "KidDocuments": [
    {
      "Name": "XS1237140329-KID-en_ver2",
      "Language": "en",
      "Url": "https://cloud.fairmat.com/XS1237140329-KID-en_ver2.pdf"
    }
  ],
  "Attachments": [],
  "InvestmentOptions": []
}
```

	<pre> }]</pre>
401	<code>{"error": "Access denied: API token not valid."}</code>
500	<code>{"error": "Something went wrong. Please try again later."}</code>

5. Get KID Collection (History)

Get the history of the aggregated information for KIDs which are part of a collection of (products or investment options).

Request

Method	URL
GET	<code>api/kidcollection/<collection_identifier>/</code>

Type	Params	Values
Header param	<code><api_token></code>	string
Url param	<code><collection_identifier></code>	string
Url optional param	<code><language></code>	string

collection_identifier

Identification of the collection.

language

Optional language codification, in ISO 639-2 format, for filtering document and attachment by language.

Request Example

`https://<hostname>/api/kidcollection/XS123/?language=en`

Response

Status	Response
200	<p>Response will be a list (array) of objects containing product information and a list of versions with documents, attachment and metadata.</p> <pre>[{</pre>

```

"ProductIdentifier": "XS123YZHSQ53",
"ProductIdentifierType": 1,
"ProductName": " 876 FTSE100 SP500 Def Autocall 9.9",
"ProductCurrency": "GBP",
"MopIdentifier": "XS123",
"Versions": [
  {
    "Version": "v001",
    "ReferenceDate": "2016-03-18",
    "ExpireDate": "2016-06-07",
    "TargetMarket": {
      "RiskTolerancePRIIPMethodology": "4",
      "MaturityDate": "2022-03-18",
      "MaybeTerminatedEarly": "Y",
      "LimitedCapitalLossLevel": 0
    },
    "KidDocuments": [
      {
        "Name": "XS123YZHSQ53-KID-en_ver1",
        "Language": "en",
        "Url": "https://cloud.fairmat.com/XS123YZHSQ53-KID-en_ver1.pdf"
      }
    ],
    "Attachments": [],
    "InvestmentOptions": []
  },
  {
    "Version": "v002",
    "ReferenceDate": "2016-06-08",
    "ExpireDate": null,
    "TargetMarket": {
      "RiskTolerancePRIIPMethodology": "3",
      "MaturityDate": "2022-03-18",
      "MaybeTerminatedEarly": "Y",
      "LimitedCapitalLossLevel": 0
    },
    "KidDocuments": [
      {
        "Name": "XS123YZHSQ53-KID-en_ver2",
        "Language": "en",
        "Url": "https://cloud.fairmat.com/XS123YZHSQ53-KID-en_ver2.pdf"
      }
    ],
  },
]

```

```

        "Attachments": [],
        "InvestmentOptions": []
    }
]
},
{
    "ProductIdentifier": "XS1237140329",
    "ProductIdentifierType": 1,
    "ProductName": "4 Year Triple Index Defensive Kick Out Plan August 2015",
    "ProductCurrency": "GBP",
    "MopIdentifier": "XS123",
    "Versions": [
        {
            "Version": "v001",
            "ReferenceDate": "2016-03-18",
            "ExpireDate": "2016-06-07",
            "TargetMarket": {
                "RiskTolerancePRIIPSMethodology": "4",
                "MaturityDate": "2022-03-18",
                "MaybeTerminatedEarly": "Y",
                "LimitedCapitalLossLevel": 0
            },
            "KidDocuments": [
                {
                    "Name": "XS1237140329-KID-en_ver1",
                    "Language": "en",
                    "Url": "https://cloud.fairmat.com/XS1237140329-KID-en_ver1.pdf"
                }
            ],
            "Attachments": [],
            "InvestmentOptions": []
        },
        {
            "Version": "v002",
            "ReferenceDate": "2016-06-08",
            "ExpireDate": null,
            "TargetMarket": {
                "RiskTolerancePRIIPSMethodology": "3",
                "MaturityDate": "2022-03-18",
                "MaybeTerminatedEarly": "Y",
                "LimitedCapitalLossLevel": 0
            },
            "KidDocuments": [

```

	<pre> { "Name": "XS1237140329-KID-en_ver2", "Language": "en", "Url": "https://cloud.fairmat.com/XS1237140329-KID-en_ver2.pdf" }], "Attachments": [], "InvestmentOptions": [] }] } </pre>
401	<code>{"error": "Access denied: API token not valid."}</code>
500	<code>{"error": "Something went wrong. Please try again later."}</code>

5. Get EMT

Provides the list of the KIDs available in the platform together with the date of their last available information. Optionally provides only entity which have been updated after a given date or made from specific issuer.

Request

Method	URL
GET	api/emt/

Type	Params	Values
Header param Url param	<api_token> <issuer>	string string

issuer

issuer name: OpenKID will return EMT for a given issuer name.

Request Example

`https://<hostname>/api/emt/?issuer=issuename`

Response (product without investment options)

Status	Response
200	<p>Response will be an object containing link to EMT information for the given issuer plus information on when the entity has been updated.</p> <pre>[{ "EMTUrl": "URL where to download the EMT stream.", "IssuerName": "Company A", "UpdateDate": "2019-02-10" }]</pre>
401	<pre>{"error": "Access denied: API token not valid."}</pre>
500	<pre>{"error": "Something went wrong. Please try again later."}</pre>