

DataSink API Document

There are two types of API, UI is used only for datasink, MyData is part of MyData API.

Instructions:

1. create new user with /user
 2. use this new user account to get ext_id with /auth you will get an ext_id like this ***ecc34df4d34f50d44d3a31cbf55660a7***
 3. set Authenticate as ***Bearer ecc34df4d34f50d44d3a31cbf55660a7***
 4. test others api

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Contact information

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<https://github.com/okffi/mydata> (<https://github.com/okffi/mydata>)

License

MIT (<https://opensource.org/licenses/MIT>)

Security

Bearer (API Key)		Authenticate
Name	Authorization	
In	header	

Paths

/user

Summary

create new user

Description

This endpoint will create a new user in datasink.

Parameters

Name	Located in	Description	Required	Schema
user	body	create user object	Yes	<div><div>▼ {</div><div>username: ▶ string *</div><div>password: ▶ string *</div><div>}</div></div>

Responses

Code	Description	Schema
201	create success	<div><div>▼ {</div><div>message: ▶ string</div><div>}</div></div>
400	bad request	<div><div>▼ {</div><div>message: ▶ string</div><div>}</div></div>
409	conflict error	<div><div>▼ {</div><div>message: ▶ string</div><div>}</div></div>

Try this operation

/auth

Summary

get access token from datasink

Description

This endpoint will give a token for access datasink api. All the following api should content this access code in header.

Parameters

Name	Located in	Description	Required	Schema
user	body	username and password	Yes	<div><div>↔</div><div><div>▼ {</div><div>username: ▶ string *</div><div>password: ▶ string *</div><div>}</div></div></div>

Responses

Code	Description	Schema
200	success	<div><div>↔</div><div><div>▼ {</div><div><i>access token for datasink</i></div><div>ext_id: ▶ string</div><div>}</div></div></div>
404	Bad Request	<div><div>↔</div><div><div>▼ {</div><div>message: ▶ string</div><div>}</div></div></div>
500	500 Bad Request	<div><div>↔</div><div><div>▼ {</div><div>message: ▶ string</div><div>}</div></div></div>

Try this operation

/user/{ext_id}

Summary

get user info

Description

This endpoint will return a json object which content user info. set Authorization header like this

bearer 7F3D06FA504191FAD682E8B123C13693

There is a special endpoint “ /api/v0.1/user/me “ to compatible this api for datasource.

Parameters

Name	Located in	Description	Required	Schema
ext_id	path	User external ID	Yes	⇌ string
Authorization	header	access token for datasink	Yes	⇌ string

Responses

Code	Description	Schema
200	success	⇌ { gender: ▶ string mail: ▶ string name: ▶ string }
401	Unauthorized	⇌ { message: ▶ string }
404	Bad Request	⇌ { message: ▶ string }
500	Internal Error	⇌ { message: ▶ string }

Security

Security Schema	Scopes
Bearer	

Try this operation

Summary

update user info

Description

This endpoint will return a json object which content user info. set Authorization header like this

```
bearer 7F3D06FA504191FAD682E8B123C13693
```

There is a special endpoint “ /api/v0.1/user/me “ to compatible this api for datasource.

Parameters

Name	Located in	Description	Required	Schema
ext_id	path	User external ID	Yes	⇔ string
Authorization	header	access token for datasink	Yes	⇔ string
userinfo	body	update userinfo	Yes	⇔ <div><div>▼ {</div><div>post object to update user info</div><div>name: ▶ string *</div><div>email: ▶ string *</div><div>gender: ▶ string *</div><div>address: ▶ string *</div><div>}</div></div>

Responses

Code	Description	Schema
200	200 status message	⇔ <div><div>▼ {</div><div>message: ▶ string</div><div>}</div></div>
401	Unauthorized	⇔ <div><div>▼ {</div><div>message: ▶ string</div><div>}</div></div>
404	404 Bad Request	⇔ <div><div>▼ {</div><div>message: ▶ string</div><div>}</div></div>
500	Internal Error	⇔ <div><div>▼ {</div><div>message: ▶ string</div><div>}</div></div>

Security

Security Schema

Scopes

Bearer

Try this operation

/users

GET /users

UI

Summary

get users list

Description

For admin only, get all users.

This endpoint will return a list of registered users.

set Authorization header like this

bearer 7F3D06FA504191FAD682E8B123C13693

Parameters

Name	Located in	Description	Required	Schema
Authorization	header	access token for datasink	Yes	⇒ string

Responses

Code	Description	Schema
200	success	⇒ <pre>▼ { users: ►[] }</pre>
401	Unauthorized	⇒ <pre>▼ { message: ► string }</pre>
500	Internal Error	⇒ <pre>▼ { message: ► string }</pre>

Security

Security Schema

Scopes

Bearer

Try this operation

GET /contract

MyData

Summary

send contract to DataOperator

Description

DataOperator request this endpoint and get contract from DataSink.

Parameters

Name	Located in	Description	Required	Schema
Authorization	header	access token for datasink	Yes	⇒ string

Responses

Code	Description	Schema
200	success	<div>⇒<div>▼ {<div>actor_id: ▶ string</div><div>endpoint_uri: ▶ string</div><div>user_id: ▶ string</div><div>status: ▶ string</div><div>created_at: ▶ string</div><div>role: ▶ string</div><div>legal_role: ▶ string</div><div>contract_terms: ▶ string</div><div>data_type: ▶ []</div><div>intendet_use: ▶ []</div><div>validity_period: ▶ []</div></div>}</div>
404	Bad Request	<div>⇒<div>▼ {<div>message: ▶ string</div></div>}</div>

Security

Security Schema	Scopes
Bearer	

Try this operation

POST /receipt

MyData

Summary

get consent from DataOperator

Description

get consent from DataOperator

Parameters

Name	Located in	Description	Required	Schema
receipt	body	consent receipt	Yes	\Rightarrow ConsentReceipt { <i>post object to deliever consent receipt</i> rpt: \triangleright string consentReceipt: \triangleright { } }

Responses

Code	Description	Schema
201	success	\Rightarrow { message: \triangleright string }
409	Bad Request	\Rightarrow { message: \triangleright string }

Try this operation

Models

ConsentReceipt

ConsentReceipt {
 post object to deliever consent receipt
 rpt: \triangleright string
 rpt from DataOperator
 consentReceipt: \triangleright {
 consent receipt
 account_id: \triangleright string
 rs_id: \triangleright string
 consent_summary: \triangleright { }
 data_usage_license: \triangleright string

\Rightarrow


```
consent_receipt_id: ▶ string
authorization_status: ▶ string
service_contract_id: ▶ string
}
}
```