

API Documentation

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User

Data model user description

api/users

GET

Request Parameters:

limit	(int)	Number max to return	- optional
offset	(int)	Number of the user to start with	- optional

Return:

users (User[])

POST

Request Parameters:

username	(String)	User username	- required
password	(String)	Password	- required
email	(String)	Email	- required

Return:

status (String)/(User) When username exists returns user

api/user/(username)

GET

Request Parameters:

No

Return:

user (User)

DELETE

Request Parameters:

No

Return:

status (String)

PUT

Request Parameters:

password	(String)	Password	- required
email	(String)	Email	- required

Return:

status (String)

api/user/(username)/id

GET

Request Parameters:

no

Return:

id (String)

api/user/(username)/email

GET

Request Parameters:

no

Return:

email (String)

PUT

Request Parameters:

email (String)

Return:

status (String)

api/user/(username)/password

PUT

Request Parameters:

password (String)

Return:

status (String)

api/user/(username)/readModels

GET

Request Parameters:

limit	(int)	Number max to return	- optional
offset	(int)	Number of the models to start with	- optional

Return:

readModels (Model[])

POST

Request Parameters:

modelId	(String)	ID of the model	- required
rightToWrite	(bool)	Flag for the right to write	- required

Return:

status (String)

api/user/(username)/writeModels

Request Parameters:

limit	(int)	Number max to return	- optional
offset	(int)	Number of the models to start with	- optional

Return:

writeModels (Model[])

POST

Request Parameters:

modelId	(String)	ID of the model	- required
rightToWrite	(bool)	Flag for the right to write	- required

Return:

status (String)

api/user/(username)/readModel/(id)

DELETE

Request Parameters:

No

Return:

status (String)

api/user/(username)/writeModel/(id)

DELETE

Request Parameters:

No

Return:

status (String)

api/user/(username)/models

GET

Request Parameters:

No

Return:

models (Model[])

api/user/(username)/comments

GET

Request Parameters:

No

Return:

comments (Comment[])

3D Model

Data model 3dmodel description

api/models

GET

Request Parameters:

limit	(int)	Number max to return	- optional
offset	(int)	Number of the user to start with	- optional

Return:

objects (Model[])

POST

Request Parameters:

name	(String)	Model name	- required
file	(String)	Filename	- required
creator	(String)	Username of the Creator	- required
creationDate	(Date)	Date of creation	- required
thumbnail	(String)	Filename of the thumbnail	- required
tags	(String[])	Tags	- optional

Return:

status (String)

api/models/publicRead

GET

Request Parameters:

No

Return:

models (Model[])

api/models/publicWrite

GET

Request Parameters:

No

Return:

models (Model[])

api/model/(id)

GET

Request Parameters:

No

Return:

model (Model)

DELETE

Request Parameters:

No

Return:

status (String)

PUT

Request Parameters:

name	(String)	Model name	- required
file	(String)	Filename	- required
creator	(String)	Username of the Creator	- required
creationDate	(Date)	Date of creation	- required
thumbnail	(String)	Filename of the thumbnail	- required
tags	(String[])	Tags	- optional

Return:

status (String)

api/model/(id)/name

GET

Request Parameters:

No

Return:

???

PUT

Request Parameters:

name	(String)	New name	- required
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Return:

status (String)

api/model/(id)/file

GET

Request Parameters:

No

Return:

file (String)

PUT

Request Parameters:

file	(String)	New file name	- required
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Return:

status (String)

api/model/(id)/creator

GET

Request Parameters:

No

Return:

creator (String)

PUT

Request Parameters:

creator (String) New creator - required

Return:

status (String)

api/model/(id)/creationDate

GET

Request Parameters:

No

Return:

creationDate (Date)

PUT

Request Parameters:

creationDate (Date) New creationDate - required

Return:

status (String)

api/model/(id)/thumbnail

GET

Request Parameters:

No

Return:

thumbnail (String)

PUT

Request Parameters:

thumbnail (String) New thumbnail name - required

Return:

status (String)

api/model/(id)/tags

GET

Request Parameters:

No

Return:

tags (String[])

PUT

Request Parameters:

tags (String[]) New tags - required

Return:

status (String)

api/model/(id)/publicRead

GET

Request Parameters:

No

Return:

publicRead (bool)

PUT

Request Parameters:

publicRead (bool) New Access - required

Return:

status (String)

api/model/(id)/publicWrite

GET

Request Parameters:

No

Return:

publicWrite (bool)

PUT

Request Parameters:

publicWrite (bool) New Access - required

Return:

status (String)

api/model/(id)/readers

GET

Request Parameters:

No

Return:

readers (User[])

POST

Request Parameters:

rightToWrite (bool) Flag for the right to write - required

username (String) Username - required

Return:

status (String)

api/model/(id)/writers

GET

Request Parameters:

No

Return:

readers (User[])

POST

Request Parameters:

rightToWrite (bool) Flag for the right to write - required

username (String) Username - required

Return:

status (String)

api/model/(id)/reader/(username)

DELETE

Request Parameters:

No

Return:

status (String)

api/model/(id)/writer/(username)

DELETE

Request Parameters:

No

Return:

status (String)

api/model/(id)/comments

GET ...

Comment

Data model comment description

api/comments

GET

Request Parameters:

No

Return:

users (Comment[])

POST

Request Parameters:

modelId	(String)	Model the comment is associated with	- required
author	(String)	User ID of the author	- required
text	(String)	Content	- required
postedDate	(Date)	Date of creation	- required
parented	(String)	ID of the parent comment	- optional

Return:

status (String)

api/comment/(id)

Get & DELETE ...

api/comment/(id)/modelid

GET ...

api/comment/(id)/author

GET ...

api/comment/(id)/text

GET & PUT ...

api/comment/(id)/slug

GET ...

api/comment/(id)/postedDate

GET ...

api/comment/(id)/parented

GET ...

File

Data model file description

api/files

GET

Request Parameters:

No

Return:

POST

Request Parameters:

content	(String)	content of the file	- required
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Return:

status	(String)
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api/file/(id)

GET

Request Parameters:

No

Return:

file	(File)
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DELETE

Request Parameters:

content	(String)	content of the file	- required
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Return:

status	(String)
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api/file/(id)/content

GET

Request Parameters:

No

Return:

content	(String)
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PUT

Request Parameters:

content	(String)	New content	- required
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Return:

status	(String)
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