

MediCase - Dokumentacja API

Wykorzystane technologie:

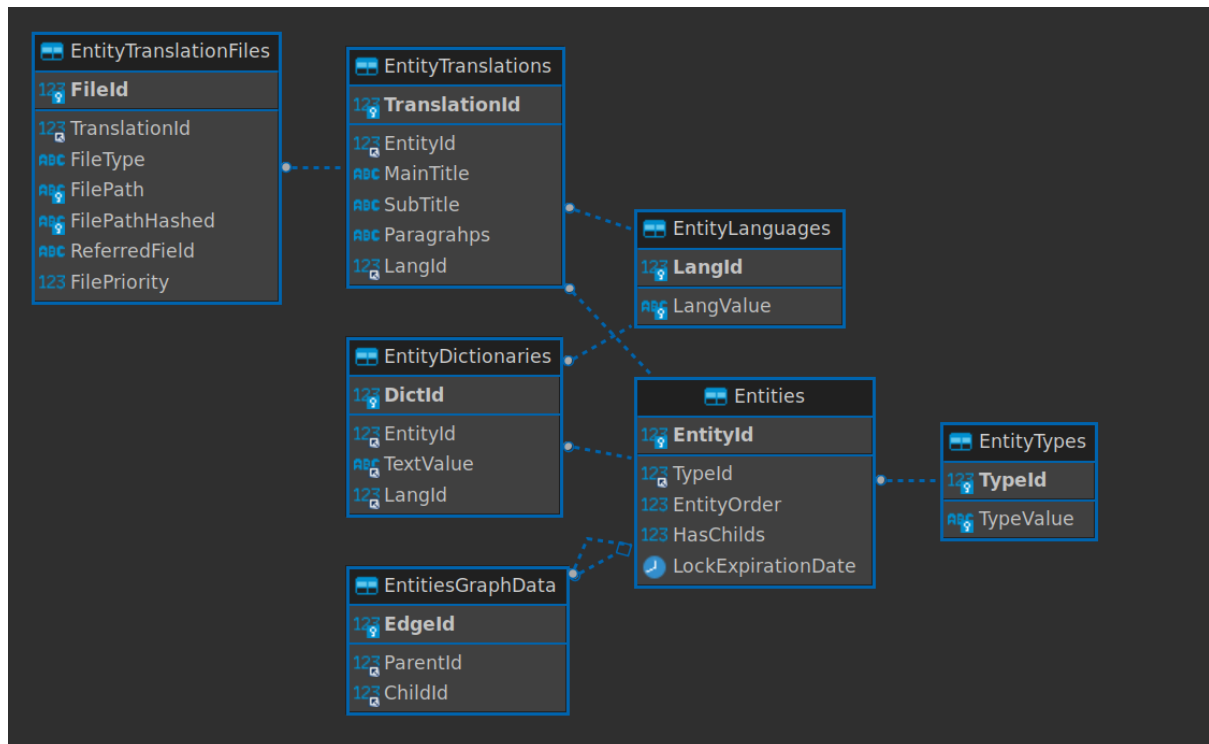
- AutoMapper.Extensions.Microsoft.DependencyInjection 12.0.1
- BCrypt.Net-Next 4.0.3
- FluentValidation.AspNetCore 11.3.0
- Microsoft.AspNetCore.Mvc.NewtonsoftJson 6.0.16
- Microsoft.EntityFrameworkCore 7.0.5
- Microsoft.EntityFrameworkCore.Relational 7.0.5
- Microsoft.EntityFrameworkCore.Tools 7.0.5
- NLog.Web.AspNetCore 5.2.3
- Pomelo.EntityFrameworkCore.MySql 7.0.0
- Swashbuckle.AspNetCore 6.5.0
- System.IdentityModel.Tokens.Jwt 6.30.0

Bezpieczeństwo

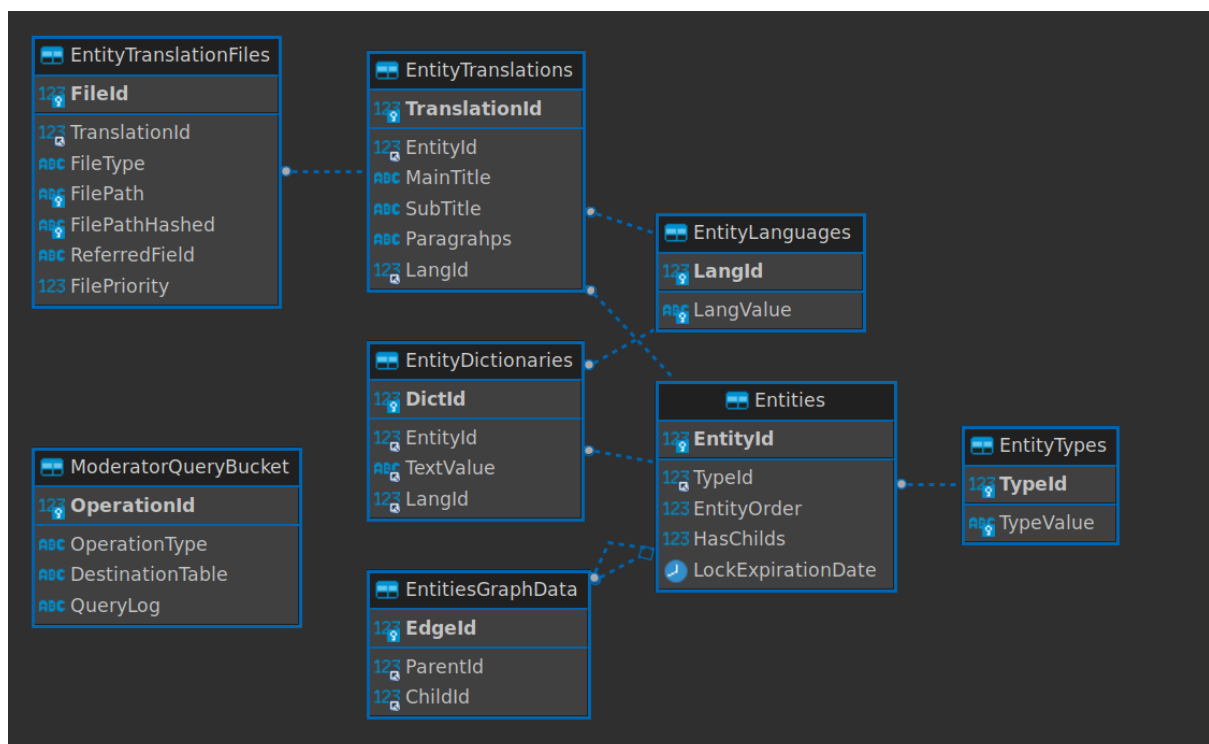
Komunikacja

- Praca API z bazą danych wykorzystując AWS
- Wygodne endpointy dostępne cały czas

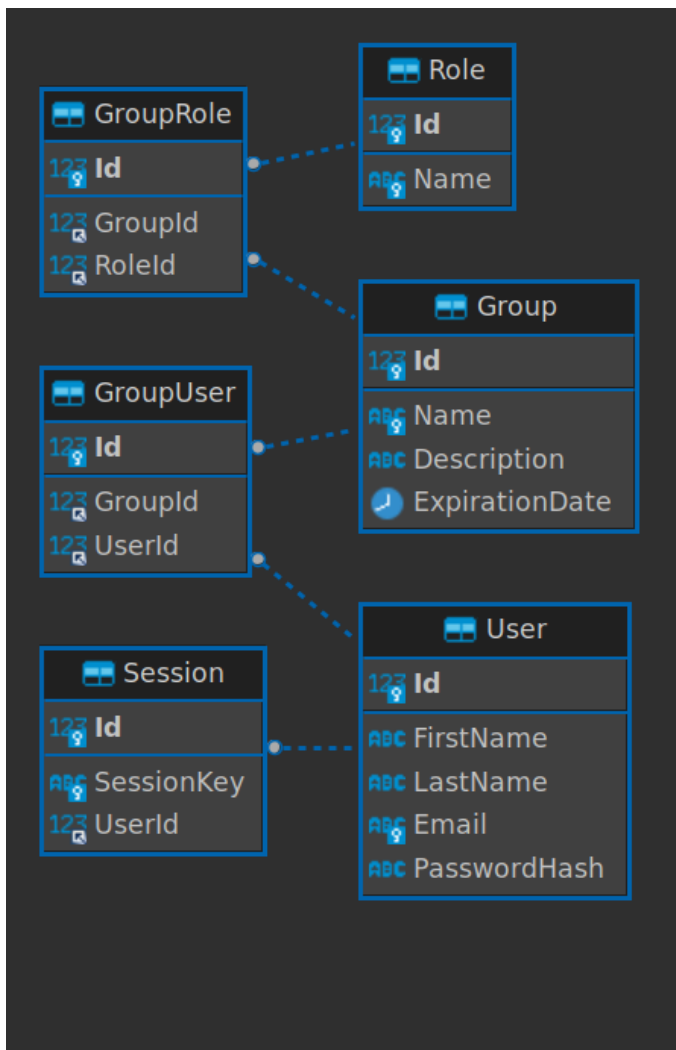
Schemat bazy danych



Schemat bazy danych



Schemat bazy danych moderatora



Schemat bazy danych użytkownika

Endpointy

PUT

/api/Account/email

Parameters

No parameters

Request body

application/json-patch+json

Example Value | Schema

```
{  "email": "string",  "password": "string"}
```

Responses

Code	Description	Links
200	Success	No links

Account

POST

/api/Account/register

POST

/api/Account/login

DELETE

/api/Account/logout

PUT

/api/Account/password

PUT

/api/Account/email

PUT

/api/Account/detalis

GET

/api/Account/introspect

EntitiesGraphData

GET

/api/Moderator/EntitiesGraphData/getEntityWithChilds

GET

/api/Moderator/EntitiesGraphData/getEntityChildsByLanguage

GET

/api/Moderator/EntitiesGraphData/getEntityWithChildsByLanguage

GET

/api/Main/EntitiesGraphData/getEntityWithChilds

GET

/api/Main/EntitiesGraphData/getEntityChildsByLanguage

GET

/api/Main/EntitiesGraphData/getEntityWithChildsByLanguage

Entity

POST

/api/Moderator/Entity/addEntity

DELETE

/api/Moderator/Entity/deleteEntity

PATCH

/api/Moderator/Entity/updateEntityOrder

GET

/api/Moderator/Entity/getEntities

GET

/api/Moderator/Entity/getEntitiesWithTranslations

GET

/api/Moderator/Entity/getEntityWithTranslations

GET



/api/Main/Entity/getEntities

GET

/api/Main/Entity/getEntitiesWithTranslations

GET

/api/Main/Entity/getEntityWithTranslations

EntityDictionary		^
POST	/api/Moderator/Entity/EntityDictionary/addEntityDictionary	▼
GET	/api/Moderator/Entity/EntityDictionary/getEntityDictionary	▼
PATCH	/api/Moderator/Entity/EntityDictionary/updateEntityDictionary	▼
DELETE	/api/Moderator/Entity/EntityDictionary/deleteEntityDictionary	▼ 
DELETE	/api/Moderator/Entity/EntityDictionary/deleteSingleDictObject	▼
EntityLanguages		^
GET	/api/Moderator/Entity/EntityLanguages/getLanguages	▼
POST	/api/Moderator/Entity/EntityLanguages/addLanguage	▼
DELETE	/api/Moderator/Entity/EntityLanguages/deleteLanguage	▼
PATCH	/api/Moderator/Entity/EntityLanguages/updateLanguage	▼ 
GET	/api/Main/Entity/EntityLanguages/getLanguages	▼
EntitySynchronization		^
POST	/api/Main/EntitySynchronization/syncDatabases	▼
EntityTranslationFiles		^
POST	/api/Moderator/EntityTranslationFiles/addEntityTranslationFile	▼
GET	/api/Moderator/EntityTranslationFiles/getEntityTranslationFile	▼
DELETE	/api/Moderator/EntityTranslationFiles/deleteEntityTranslationFile	▼
GET	/api/Main/EntityTranslationFiles/getEntityTranslationFile	▼
EntityTranslations		^
POST	/api/Moderator/EntityTranslations/addEntityTranslation	▼
DELETE	/api/Moderator/EntityTranslations/deleteEntityTranslation	▼
PATCH	/api/Moderator/EntityTranslations/updateEntityTranslation	▼
GET	/api/Moderator/EntityTranslations/getEntityTranslations	▼
GET	/api/Main/EntityTranslations/getEntityTranslations	▼
EntityTypes		^
GET	/api/Moderator/Entity/EntityTypes/getTypes	▼
PATCH	/api/Moderator/Entity/EntityTypes/updateType	▼
POST	/api/Moderator/Entity/EntityTypes/addType	▼
DELETE	/api/Moderator/Entity/EntityTypes/deleteType	▼
GET	/api/Main/Entity/EntityTypes/getTypes	▼
Group		^
POST	/api/Group	▼
GET	/api/Group	▼
PUT	/api/Group/{id}	▼
DELETE	/api/Group/{id}	▼
GET	/api/Group/{id}	▼

ModeratorBucket		^
GET	/api/Moderator/Entity/ModeratorBucket/checkState	v
User		^
POST	/api/User	v
GET	/api/User	v
PUT	/api/User/{id}	v
DELETE	/api/User/{id}	v
GET	/api/User/{id}	v

Omówienie Endpointów:

Account		^
POST	/api/Account/register	^
Parameters		Try it out
No parameters		
Request body		application/json-patch+json v
Example Value Schema		
<pre>{ "firstName": "string", "lastName": "string", "email": "string", "password": "string" }</pre>		
Responses		
Code	Description	Links
200	Success	No links

register - tworzy konto dla użytkownika o podanych danych i daje mu token

POST	/api/Account/login	^
Parameters		Try it out
No parameters		
Request body		application/json-patch+json v
Example Value Schema		
<pre>{ "password": "string", "email": "string" }</pre>		
Responses		
Code	Description	Links
200	Success	No links

login - dla istniejącego użytkownika w bazie danych, zwraca token

PUT /api/Account/password

Parameters Try it out

No parameters

Request body application/json-patch+json

Example Value | Schema

```
{
  "oldPassword": "string",
  "newPassword": "string",
  "confirmPassword": "string"
}
```

Responses

Code	Description	Links
200	Success	No links

password - zmienia hasło

PUT /api/Account/details

Parameters Try it out

No parameters

Request body application/json-patch+json

Example Value | Schema

```
{
  "firstName": "string",
  "lastName": "string"
}
```

Responses

Code	Description	Links
200	Success	No links

details - aktualizuje dane użytkownika

getEntityWithChilds - zwraca obiekt Entity + wszystkie obiekty Entity będące jego dziećmi wraz z wszystkimi tłumaczeniami oraz plikami do tych tłumaczeń

GET /api/Moderator/EntitiesGraphData/getEntityChildsByLanguage

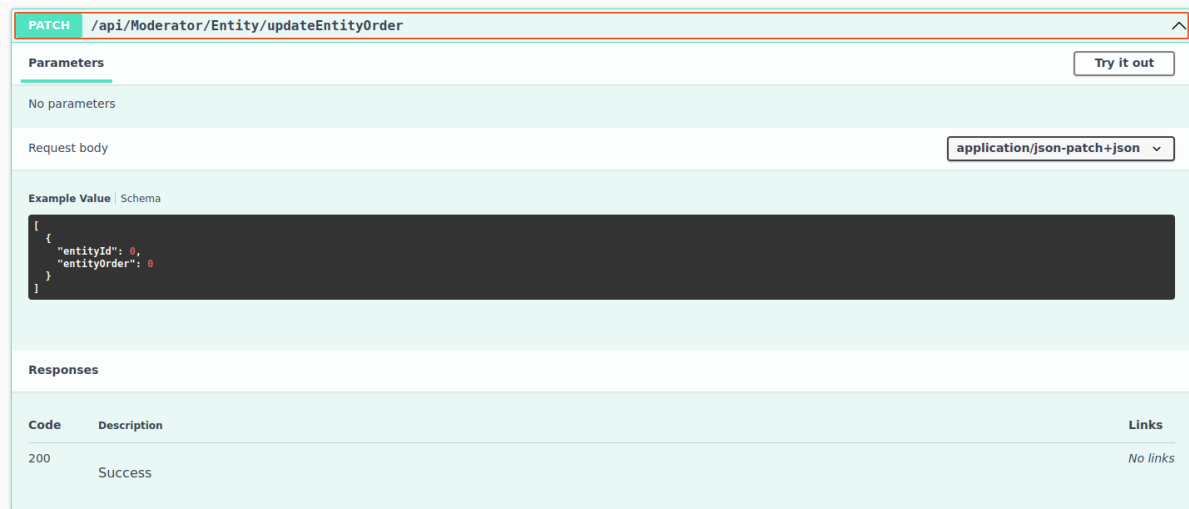
Parameters Try it out

Name	Description
entityId	integer(int32) <input type="text" value="entityId"/> (query)
langIds	array(integer) (query)

Responses

Code	Description	Links
200	Success	No links

getEntityChildsByLanguage - zwraca dzieci zadanego obiektu entity wraz z wszystkimi tłumaczeniami które są w języku zadanym w tablicy langIDs oraz plikami do tych tłumaczeń



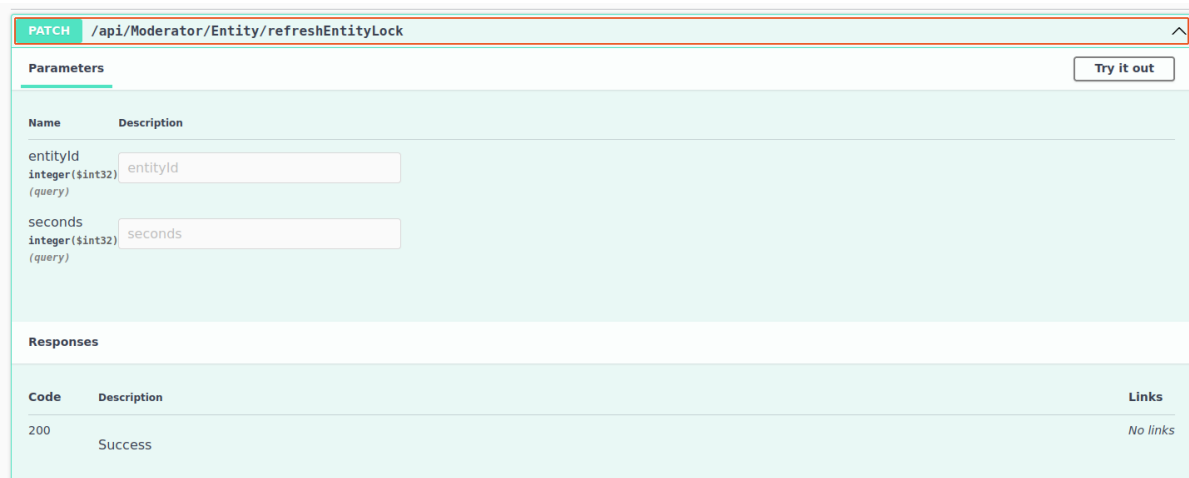
Swagger UI interface for the PATCH endpoint `/api/Moderator/Entity/updateEntityOrder`. The interface shows the method type (PATCH), the endpoint path, and a "Try it out" button. Under the "Parameters" section, it states "No parameters". The "Request body" section shows a dropdown menu set to "application/json-patch+json". An "Example Value" is provided as a JSON patch document:

```
{
  {
    "entityId": 0,
    "entityOrder": 0
  }
}
```

. The "Responses" section shows a table with a single entry: status code 200, description "Success", and "No links".

Code	Description	Links
200	Success	No links

getEntityWithChildsByLanguage - zwraca obiekt Entity + dzieci zadanego obiektu entity wraz z wszystkimi tłumaczeniami które są w języku zadanym w tablicy langIDs oraz plikami do tych tłumaczeń



Swagger UI interface for the PATCH endpoint `/api/Moderator/Entity/refreshEntityLock`. The interface shows the method type (PATCH), the endpoint path, and a "Try it out" button. Under the "Parameters" section, there are two query parameters: `entityId` (type `integer($int32)`) and `seconds` (type `integer($int32)`), both marked as "(query)". The "Responses" section shows a table with a single entry: status code 200, description "Success", and "No links".

Code	Description	Links
200	Success	No links

refreshEntityLock - odswieza pole LockExpirationDate obiektu Entity, ustawiając je na obecny czas + zadana liczba sekund

POST /api/Moderator/Entity/addEntity

Parameters [Try it out](#)

Name	Description
parentId integer(int32) (query)	<input type="text" value="parentId"/>
TypeId integer(int32) (query)	<input type="text" value="TypeId"/>
EntityOrder integer(int64) (query)	<input type="text" value="EntityOrder"/>

Responses

Code	Description	Links
200	Success	No links

addEntity - dodaje obiekt typu Entity

DELETE /api/Moderator/Entity/deleteEntity

Parameters [Try it out](#)

Name	Description
entityId integer(int32) (query)	<input type="text" value="entityId"/>

Responses

Code	Description	Links
200	Success	No links

deleteEntity - usuwa obiekt typu entity

PATCH /api/Moderator/Entity/updateEntityOrder

Parameters [Try it out](#)

No parameters

Request body [application/json-patch+json](#)

Example Value | Schema

```
[
  {
    "entityId": 0,
    "entityOrder": 0
  }
]
```

Responses

Code	Description	Links
200	Success	No links

updateEntityOrder - update pola EntityOrder dla zadanej listy Entities

GET /api/Moderator/Entity/getEntities		
Parameters		
No parameters		
Responses		
Code	Description	Links
200	Success	No links

getEntities - pobiera wszystkie obiekty Entity, bez dodatkowych informacji

GET /api/Moderator/Entity/getEntityWithTranslations		
Parameters		
Name	Description	
entityId	entityId	
integer(int32)		
(query)		
Responses		
Code	Description	Links
200	Success	No links

getEntitiesWithTranslations - pobiera wszystkie obiekty Entity wraz z tłumaczeniami

POST /api/Moderator/Entity/EntityDictionary/addEntityDictionary		
Parameters		
No parameters		
Request body		
application/json-patch+json		
Example Value		
Schema		
<pre>[{ "entityId": 0, "textValue": "string", "langId": 0 }]</pre>		
Responses		
Code	Description	Links
200	Success	No links

addEntityDictionary - dodaje obiekt typu EntityDictionary (do zadanego Entity)

GET /api/Moderator/Entity/EntityDictionary/getEntityDictionary

Parameters

Try it out

Name	Description
entityId	entityId
integer(\$int32)	
(query)	

Responses

Code	Description	Links
200	Success	No links

getEntityDictionary - zwraca wszystkie obiekty typu EntityDictionary dołączone do zadanego obiektu Entity

PATCH /api/Moderator/Entity/EntityDictionary/updateEntityDictionary

Parameters

Try it out

No parameters

Request body

application/json-patch+json

Example Value

```
[ {
  "dictId": 0,
  "textValue": "string",
  "langId": 0
}]
```

Responses

Code	Description	Links
200	Success	No links

updateEntityDictionary - update pojedynczego obiektu typu EntityDictionary

DELETE /api/Moderator/Entity/EntityDictionary/deleteEntityDictionary

Parameters

Try it out

Name	Description
entityId	entityId
integer(\$int32)	
(query)	

Responses

Code	Description	Links
200	Success	No links

deleteEntityDictionary - usuwa wszystkie obiekty typu EntityDictionary polaczone z danym obiektem typu Entity

DELETE /api/Moderator/Entity/EntityDictionary/deleteSingleDictObject

Parameters Try it out

Name	Description
dictId	
integer(int32)	dictId
(query)	

Responses

Code	Description	Links
200	Success	No links

deleteSingleDictObject - usuwa jeden, wybrany element typu EntityDictionary

GET /api/Moderator/Entity/EntityLanguages/getLanguages

Parameters Try it out

No parameters

Responses

Code	Description	Links
200	Success	No links

getLanguages - wraca wszystkie dodane języki (obiekty typu EntityLanguages)

POST /api/Moderator/Entity/EntityLanguages/addLanguage

Parameters Try it out

Name	Description
langCode	
string	langCode
(query)	

Responses

Code	Description	Links
200	Success	No links

addLanguage - dodaje pojedynczy język

DELETE /api/Moderator/Entity/EntityLanguages/deleteLanguage

[Try it out](#)

Name	Description
langId integer(int32) (query)	<input type="text" value="langId"/>

Responses

Code	Description	Links
200	Success	No links

deleteLanguage - usuwa pojedynczy język oraz wszelkie zasoby napisane w tym języku

PATCH /api/Moderator/Entity/EntityLanguages/updateLanguage

[Try it out](#)

No parameters

Request body [application/json-patch+json](#)

Example Value | Schema

```
{
  "LangId": 0,
  "LangValue": "string"
}
```

Responses

Code	Description	Links
200	Success	No links

updateLanguage - zmienia pole LangValue (skrot języka) zadanego obiektu EntityLanguages

POST /api/Main/EntitySynchronization/syncDatabases

[Try it out](#)

No parameters

Responses

Code	Description	Links
200	Success	No links

syncDatabases - przenosi zmiany które nastąpiły od czasu ostatniej synchronizacji z bazy danych moderatora do głównej bazy danych

POST /api/Moderator/EntityTranslationFiles/addEntityTranslationFile

[Try it out](#)

Parameters

No parameters

Request body multipart/form-data

TranslationId
integer(\$int32)

File
string(\$binary)

ReferredField
string

FilePriority
integer(\$int32)

Responses

Code	Description	Links
200	Success	No links

addEntityTranslationFile - dodaje plik do obiektu typu EntityTranslation

GET /api/Moderator/EntityTranslationFiles/getEntityTranslationFile

[Try it out](#)

Parameters

Name	Description
fileIdentifier string (query)	<input type="text" value="fileIdentifier"/>

Responses

Code	Description	Links
200	Success	No links

getEntityTranslationFile - pobiera plik o danym identyfikatorze (hashu)

DELETE /api/Moderator/EntityTranslationFiles/deleteEntityTranslationFile

[Try it out](#)

Parameters

Name	Description
entityTranslationFileId integer(\$int32) (query)	<input type="text" value="entityTranslationFileId"/>

Responses

Code	Description	Links
200	Success	No links

deleteEntityTranslationFile - usuwa podany obiekt typu EntityTranslationFile

POST /api/Moderator/EntityTranslations/addEntityTranslation

Parameters Try it out

No parameters

Request body application/json-patch+json

Example Value | Schema

```
{
  "entityId": 0,
  "mainTitle": "string",
  "subTitle": "string",
  "paragraphs": "string",
  "langId": 0
}
```

Responses

Code	Description	Links
200	Success	No links

addEntityTranslation - dodaje obiekt typu EntityTranslation, czyli jedno z tłumaczeń do istniejącego już obiektu Entity

POST /api/Moderator/EntityTranslations/generateEntityTranslation

Parameters Try it out

Name	Description
translationId integer(\$int32) (query)	<input type="text" value="translationId"/>
desiredLanguageId integer(\$int32) (query)	<input type="text" value="desiredLanguageId"/>

Responses

Code	Description	Links
200	Success	No links

generateEntityTranslation - na podstawie istniejącego tłumaczenia, przy użyciu api openai, generuje i zwraca nowe tłumaczenie w danym języku docelowym

DELETE /api/Moderator/EntityTranslations/deleteEntityTranslation

Parameters Try it out

Name	Description
entityTranslationId integer(\$int32) (query)	<input type="text" value="entityTranslationId"/>

Responses

Code	Description	Links
200	Success	No links

deleteEntityTranslation - usuwa obiekt typu EntityTranslation oraz wszystkie połączone z nim pliki

PATCH /api/Moderator/EntityTranslations/updateEntityTranslation

Parameters [Try it out](#)

No parameters

Request body [application/json-patch+json](#)

Example Value [Schema](#)

```
{
  "translationId": 0,
  "mainTitle": "string",
  "subTitle": "string",
  "paragrahs": "string",
  "langId": 0
}
```

Responses

Code	Description	Links
200	Success	No links

updateEntityTranslation - update zadanego obiektu typu EntityTranslation

GET /api/Moderator/EntityTranslations/getEntityTranslations

Parameters [Try it out](#)

No parameters

Responses

Code	Description	Links
200	Success	No links

getEntityTranslation - zwraca wszystkie obiekty typu EntityTranslation

GET /api/Moderator/Entity/EntityTypes/getTypes

Parameters [Try it out](#)

No parameters

Responses

Code	Description	Links
200	Success	No links

getTypes - zwraca wszystkie możliwe typy obiektów Entity (obiekty EntityType)

PATCH
/api/Moderator/Entity/EntityTypes/updateType

Try it out

Parameters

No parameters

Request body

application/json-patch+json

Example Value
Schema

```

{
  "typeId": 0,
  "typeValue": "string"
}

```

Responses

Code	Description	Links
200	Success	No links

updateType - update pola TypeValue obiektu EntityType

POST
/api/Moderator/Entity/EntityTypes/addType

Try it out

Parameters

Name	Description
entityType string (query)	entityType

Responses

Code	Description	Links
200	Success	No links

addType - dodaje nowy typ obiektu Entity (obiekt EntityType)

DELETE
/api/Moderator/Entity/EntityTypes/deleteType

Try it out

Parameters

Name	Description
typeid integer(\$int32) (query)	typeid

Responses

Code	Description	Links
200	Success	No links

deleteType- usuwa podany obiekt EntityType

GET	/api/Main/Entity/EntityTypes/getTypes	^
Parameters		
No parameters		
Responses		
Code	Description	Links
200	Success	No links

getTypes - pobiera wszystkie istniejące typy obiektów Entities (obiekty EntityType)

*endpointy mające w ścieżce MAIN/MODERATOR działają tak samo tylko, że te mające MAIN w nazwie działa na głównej bazie danych (medicase), natomiast te, które posiadają MODERATOR w nazwie, działają na bazie danych moderatora (medicase_mod)