

TCS AH API used by ICS-C

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Endpoints

datasets

GET

```
get /api/epos/episode-elements/
```

Summary: Episode dataset

Description: Returns a list of JSON documents containing metadata describing files contained within one of the TCS AH episodes

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
episode	Allows to filter the files by given episode id. May contain multiple values separated by a comma	✓		
dataType	Allows to filter the files by the type of data they contain. Parameter may contain multiple values separated by a comma	✗		
before	Allows to filter the files that have the end date metadata set to before the given date. Should be formatted as date-time - RFC3339	✗		
after	Allows to filter the files that have the start date metadata set to after the given date. Should be formatted as date-time - RFC3339	✗		
offset	Number of results skipped from the beginning	✗		
limit	Maximum number of returned results	✗		

Responses

Status Code: 200

Message: Request was successful. Response contains a list of episode elements (episode file metadata)

Response Type

See [#models](#)

Response Schema

```
{
  "description" : "Request was successful. Response contains a list of episode elements (episode file metadata)"
}
```

Status Code: 400

Message: Invalid time format of 'before' or 'after' parameters

Response Type

See [#models](#)

Response Schema

```
{
  "description" : "Invalid time format of 'before' or 'after' parameters"
}
```

Examples

<https://episodesplatform.eu/api/epos/episode-elements?episode=CZORSZTYN&dataType=Miniseed%20Signal&before=2023-12-31&after=1996-01-01&limit=5&offset=10>

downloadFile

POST

```
post /api/epos/files/{fileId}
```

Summary: Download episode file

Description: The operation starts to download the file pointed by the 'fileId'. The header of the request has to contain a valid user authentication token, otherwise the operation would fail.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
fileId	ID of the file to be download. The ID is displayed within the file metadata (obtained from the /api/epos/episode-elements/ endpoint)	✓		

Responses

Status Code: 200

Message: The download request was successful

Response Type

See [#models](#)

Response Schema

```
{
  "description" : "The download request was successful"
}
```

Status Code: 401

Message: Invalid or missing credentials

Response Type

See [#models](#)

Response Schema

```
{
  "description" : "Invalid or missing credentials"
}
```

Status Code: 404

Message: The file with the specified ID does not exist

Response Type

See [#models](#)

Response Schema

```
{
  "description" : "The file with the specified ID does not exist"
}
```

listApps

GET

```
get /api/epos/apps/
```

Summary: List of Applications

Description: Returns a list of JSON documents describing the applications integrated within TCS AH. The method allows filtering the list by applying the query criteria.

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
keyword	Allows to filter the returned applications by keywords they declare. May contain multiple values separated by a comma	✘		

category	Allows to filter the returned applications by category. May contain multiple values separated by a comma	✘		
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Responses

Status Code: 200

Message: Request was successful. Response contains a list of application descriptions matching the query criteria

Response Type

See [#models](#)

Response Schema

```
{
  "description" : "Request was successful. Response contains a list of application descriptions matching the query criteria"
}
```

listEpisodes

GET

get /api/epos/episodes/

Summary: List of Episodes

Description: Returns a list of JSON documents describing the episodes integrated within TCS AH. The method allows filtering the list by impacting factor.

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
impactingFactor	Allows to filter the episodes by impacting or inducing factor relevant to the registrations collected into the episode. May contain multiple values separated by a comma			

Responses

Status Code: 200

Message: Request was successful. Response contains a list of episode descriptions matching the query criteria

Response Type

See [#models](#)

Response Schema

```
{
  "description" : "Request was successful. Response contains a list of episode descriptions matching the query criteria"
}
```

Models

TODO