

API

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Get annotation

This API is responsible for retrieving the annotation with the given **id**.

[GET]/api/v1/annotations/{id}

Response: Annotation.

Header

Header used on this API are those taken from [header standards of TS Digital](#).

Content-type is accepted in application/json

Query Parameters

Parameters used to make a successful request.

- **id**: Unique identifier associated with the requested annotation. (**required**)

Body

No body is needed to make this request.

Response

On successful response

If successful, the **API** responds with HTTP code **200(OK)** with the following body:

```
{
  "id": "string",
  "type": "string",
  "text": "string",
  "classification": "string",
```

```

"referencingDate": "string",
"referencePeriod": "string",
"referenceType": "string",
"referenceIds": [
  "string"
],
"deleted": true,
"ownership": {
  "type": "WS",
  "identifier": "string"
},
"itemClassifier": "string",
"insertedBy": "string",
"insertedAt": "2022-10-28T13:01:00.754Z",
"modifiedAt": "2022-10-28T13:01:00.754Z"
}

```

- **id**: unique identifier of the annotation
- **type**: specifies the annotation type.
- **text**: contains information about the annotation. Depending on the type, the information contained can be:
 - **note text**: the text value, in case the annotation is of type **NOTE**
 - **folder name**: the name of the folder, in case the annotation is of type **FOLDER**
- **classification**: the classification of the annotation
- **referencing_date**: the referencing date
- **reference_period**: the year of reference
- **reference_type**: the reference type, at the moment the only possible value is **DOCSTORE**
- **reference_ids**: the ids of the related documents
- **deleted**: specifies if the annotation is deleted or not
- **ownership**: specifies the ownership of the annotation. It contains the following 2 fields:
 - **type**: it can be **WS** or **ITEM**
 - **identifier**: the item identifier
- **item_classifier**: it can be **ACCOUNTANT** or **COMPANY**
- **inserted_by**: the name of the creator of the annotation
- **inserted_at**: the timestamp of the annotation creation
- **modified_at**: the timestamp of the last edit of the annotation

On error response

In the event of an error, the **API** responds with a body **JSON** with the following format:

```
{
  "code": "string",
  "timestamp": "2022-10-28T13:01:00.754Z",
  "message": "string",
  "subErrors": [
    {}
  ]
}
```

- **code**: A string representation of the HTTP error code, linked with the returned http error
- **timestamp**: Date and time of the answer, expressed as a string.
- **message**: Message expressing error.

Possible errors are:

- **400**: The request is malformed (parameters with incorrect format, invalid or inconsistent parameters).
- **401**: An authorization token has not been provided or the authorization token provided is invalid (eg: it has expired).
- **403**: The provided token is valid, but the user is not authorized to perform the operation.
- **404**: No annotation found with the given id
- **500**: An unexpected error occurred.

Create annotation

This API is responsible for creating an annotation.

[POST]/api/v1/annotations

Response: The id of the newly created annotation.

Header

Header used on this API are those taken from [header standards of TS Digital](#).

Content-type is accepted in application/json

Query Parameters

No query parameters are needed to make this request.

Body

```
{
  "id": "string",
  "type": "string",
  "text": "string",
  "classification": "string",
  "ownership": {
    "type": "WS",
    "identifier": "string"
  },
  "referencing_date": "string",
  "reference_period": "string",
  "reference_type": "string",
  "reference_ids": [
    "string"
  ],
}
```

```
"item_classifier": "string",  
"inserted_by": "string"  
}
```

- **id**: the identifier of the annotation, if not specified a random UUID will be generated instead
- **type**: specifies the annotation type.
- **text**: contains information about the annotation. Depending on the type, the information contained can be:
 - **note text**: the text value, in case the annotation is of type **NOTE**
 - **folder name**: the name of the folder, in case the annotation is of type **FOLDER**
- **classification**: the classification of the annotation
- **ownership**: specifies the ownership of the annotation. It contains the following 2 fields:
 - **type**: it can be **WS** or **ITEM**
 - **identifier**: the item identifier
- **referencing_date**: the referencing date
- **reference_period**: the year of reference
- **reference_type**: the reference type, at the moment the only possible value is **DOCSTORE**
- **reference_ids**: the ids of the related documents
- **item_classifier**: it can be **ACCOUNTANT** or **COMPANY**
- **inserted_by**: the name of the creator of the annotation

Response

On successful response

If successful, the **API** responds with HTTP code **200(OK)** with the following body:

```
{  
  "id": "string"  
}
```

- **id**: the unique identifier of the annotation

On error response

In the event of an error, the **API** responds with a body **JSON** with the following format:

```
{  
  "code": "string",  
  "timestamp": "2022-10-28T13:01:00.754Z",  
  "message": "string",  
}
```

```
"subErrors": [  
  {}  
]  
}
```

- **code**: A string representation of the HTTP error code, linked with the returned http error
- **timestamp**: Date and time of the answer, expressed as a string.
- **message**: Message expressing error.

Possible errors are:

- **400**: The request is malformed (parameters with incorrect format, invalid or inconsistent parameters).
- **401**: An authorization token has not been provided or the authorization token provided is invalid (eg: it has expired).
- **403**: The provided token is valid, but the user is not authorized to perform the operation.
- **500**: An unexpected error occurred.

Update annotation

This API is responsible for updating an annotation.

[PATCH]/api/v1/annotations/{id}

Response: The id of the updated annotation.

The update operation is only available to the user who created the annotation.

Header

Header used on this API are those taken from [header standards of TS Digital](#).

Content-type is accepted in application/json

Query Parameters

Parameters used to make a successful request.

- **id:** Unique identifier associated with the requested annotation. (**required**)

Body

```
{
  "type": "string",
  "text": "string",
  "classification": "string",
  "ownership": {
    "type": "WS",
    "identifier": "string"
  },
  "referencing_date": "string",
  "reference_period": "string",
  "reference_type": "string",
  "reference_ids": [
```



```
    "string"
  ],
  "item_classifier": "string"
}
```

Each of the fields are optional; only the field included in the request will be updated on the database.

- **type**: specifies the annotation type.
- **text**: contains information about the annotation. Depending on the type, the information contained can be:
 - **note text**: the text value, in case the annotation is of type **NOTE**
 - **folder name**: the name of the folder, in case the annotation is of type **FOLDER**
- **classification**: the classification of the annotation
- **ownership**: specifies the ownership of the annotation. It contains the following 2 fields:
 - **type**: it can be **WS** or **ITEM**
 - **identifier**: the item identifier
- **referencing_date**: the referencing date
- **reference_period**: the year of reference
- **reference_type**: the reference type, at the moment the only possible value is **DOCSTORE**
- **reference_ids**: the ids of the related documents
- **item_classifier**: it can be **ACCOUNTANT** or **COMPANY**

Response

On successful response

If successful, the **API** responds with HTTP code **200(OK)** with the following body:

```
{
  "id": "string"
}
```

- **id**: the unique identifier of the annotation

On error response

In the event of an error, the **API** responds with a body **JSON** with the following format:

```
{
  "code": "string",
  "timestamp": "2022-10-28T13:01:00.754Z",
```

```
"message": "string",  
"subErrors": [  
  {}  
]  
}
```

- **code**: A string representation of the HTTP error code, linked with the returned http error
- **timestamp**: Date and time of the answer, expressed as a string.
- **message**: Message expressing error.

Possible errors are:

- **400**: The request is malformed (parameters with incorrect format, invalid or inconsistent parameters).
- **401**: An authorization token has not been provided or the authorization token provided is invalid (eg: it has expired).
- **403**: The provided token is valid, but the user is not authorized to perform the operation.
- **404**: No annotation found with the given id.
- **500**: An unexpected error occurred.

Update references

This API is responsible for updating an annotation`s references.

[PUT]/api/v1/annotations/{id}/{operation}

Response: The id of the updated annotation.

Header

Header used on this API are those taken from [header standards of TS Digital](#).

Content-type is accepted in `application/json`

Query Parameters

Parameters used to make a successful request.

- **id:** Unique identifier associated with the requested annotation. (**required**)
- **operation:** it can be **ATTACH** in case there need to be added references and **DETACH** in case the references need to be removed. (**required**)

Body

```
{
  "reference_ids": [
    "string"
  ]
}
```

- **reference_ids:** the ids of the related documents to be added or removed

Response

On successful response

If successful, the **API** responds with HTTP code **200(OK)** with the following body:

```
{
  "id": "string"
}
```

- **id**: the unique identifier of the annotation

On error response

In the event of an error, the **API** responds with a body **JSON** with the following format:

```
{
  "code": "string",
  "timestamp": "2022-10-28T13:01:00.754Z",
  "message": "string",
  "subErrors": [
    {}
  ]
}
```

- **code**: A string representation of the HTTP error code, linked with the returned http error
- **timestamp**: Date and time of the answer, expressed as a string.
- **message**: Message expressing error.

Possible errors are:

- **400**: The request is malformed (parameters with incorrect format, invalid or inconsistent parameters).
- **401**: An authorization token has not been provided or the authorization token provided is invalid (eg: it has expired).
- **403**: The provided token is valid, but the user is not authorized to perform the operation.
- **404**: No annotation found with the given id.
- **500**: An unexpected error occurred.

Delete annotation

This API is responsible for soft deleting an annotation.

[DELETE]/api/v1/annotations/{id}

Response: The id of the deleted annotation.

Header

Header used on this API are those taken from [header standards of TS Digital](#).

Content-type is accepted in application/json

Query Parameters

Parameters used to make a successful request.

- **id:** Unique identifier associated with the annotation to be deleted. (**required**)

Body

No body is needed to make this request.

Response

On successful response

If successful, the **API** responds with HTTP code **200(OK)** with the following body:

```
{
  "id": "string"
}
```

- **id:** the unique identifier of the deleted annotation

On error response

In the event of an error, the **API** responds with a body **JSON** with the following format:

```
{
  "code": "string",
  "timestamp": "2022-10-28T13:01:00.754Z",
  "message": "string",
  "subErrors": [
    {}
  ]
}
```

- **code**: A string representation of the HTTP error code, linked with the returned http error
- **timestamp**: Date and time of the answer, expressed as a string.
- **message**: Message expressing error.

Possible errors are:

- **400**: The request is malformed (parameters with incorrect format, invalid or inconsistent parameters).
- **401**: An authorization token has not been provided or the authorization token provided is invalid (eg: it has expired).
- **403**: The provided token is valid, but the user is not authorized to perform the operation.
- **404**: No annotation found with the given id.
- **500**: An unexpected error occurred.

Search annotations

This API is responsible for searching annotations.

[POST]/api/v1/annotations/search

Response: A list of the requested annotations.

Header

Header used on this API are those taken from [header standards of TS Digital](#).

Content-type is accepted in application/json

Query Parameters

No query parameters are needed to make this request.

Body

```
{
  "limit": "integer",
  "from": "integer",
  "ownership": {
    "type": "WS",
    "identifier": "string"
  },
  "sort": {
    "name": "CREATED",
    "order": "ASC"
  },
  "type": "string",
  "reference_ids": [
    "string"
  ],
}
```

```
"show_deleted": true,
"search_words": "string"
}
```

- **limit**: limits the number of annotations in the response. The default value is 100.
- **from**: specifies the value of the field next from a pagination call. The default value is 0.
- **ownership**: specifies the ownership of the annotation. It contains the following 2 fields:
 - **type**: it can be **WS** or **ITEM**
 - **identifier**: the item identifier
- **sort**: specifies the sorting order. The **order** field specifies if the sorting has to be in ascending (**ASC**) or descending (**DESC**) order. The other field, **name**, can have the following values:
 - **CREATED**: sorting on the creation date.
 - **UPDATED**: sorting on the last modified date.
 - **ALPHABETICAL**: sorting on alphabetical order.
- **type**: specifies the annotation type, **FOLDER** or **NOTE**.
- **reference_ids**: the ids of the related documents
- **show_deleted**: shows the deleted annotations if set to true. Default value is false.
- **search_words**: search for terms in the text field of the entity. The default value is all.

Response

On successful response

If successful, the **API** responds with HTTP code **200(OK)** with the following body:

```
{
  "count": "integer",
  "data": [
    {
      "id": "string",
      "type": "string",
      "text": "string",
      "classification": "string",
      "referencingDate": "string",
      "referencePeriod": "string",
      "referenceType": "string",
      "referenceIds": [
        "string"
      ],
      "deleted": true,
```



```

    "ownership": {
      "type": "WS",
      "identifier": "string"
    },
    "itemClassifier": "string",
    "insertedBy": "string",
    "insertedAt": "2022-10-31T15:02:44.115Z",
    "modifiedAt": "2022-10-31T15:02:44.115Z"
  }
]
}

```

- **count**: the number of the annotations returned by the search that fulfill the search filters.
- **data**: an list containing all the annotations that fulfill the search filters.

The elements inside the **data** list contain the following fields:

- **id**: unique identifier of the annotation, in UUID format
- **type**: specifies the annotation type. It can have the following values:
 - **NOTE**
 - **FOLDER**
- **text**: contains information about the annotation. It has a maximum length of 1000 characters. Depending on the type, the information contained can be:
 - **note text**: the text value, in case the annotation is of type NOTE
 - **folder name**: the name of the folder, in case the annotation is of type FOLDER
- **classification**: it can have the following possible values:
 - **PERSONALIZZATO**
 - **BANCA**
 - **BILANCIO**
 - **DICHIARAZIONI**
 - **CONTENZIOSO**
- **referencing_date**: the referencing date
- **reference_period**: the year of reference
- **reference_type**: the reference type, at the moment the only possible value is **DOCSTORE**
- **reference_ids**: the ids of the related documents
- **deleted**: specifies if the annotation is deleted or not
- **ownership**: specifies the ownership of the annotation. It contains the following 2 fields:
 - **type**: it can be **WS** or **ITEM**
 - **identifier**: the item identifier
- **item_classifier**: it can be **ACCOUNTANT** or **COMPANY**
- **inserted_by**: the name of the creator of the annotation
- **inserted_at**: the timestamp of the annotation creation
- **modified_at**: the timestamp of the last edit of the annotation

On error response

In the event of an error, the **API** responds with a body **JSON** with the following format:

```
{
  "code": "string",
  "timestamp": "2022-10-28T13:01:00.754Z",
  "message": "string",
  "subErrors": [
    {}
  ]
}
```

- **code**: A string representation of the HTTP error code, linked with the returned http error
- **timestamp**: Date and time of the answer, expressed as a string.
- **message**: Message expressing error.

Possible errors are:

- **400**: The request is malformed (parameters with incorrect format, invalid or inconsistent parameters).
- **401**: An authorization token has not been provided or the authorization token provided is invalid (eg: it has expired).
- **403**: The provided token is valid, but the user is not authorized to perform the operation.
- **500**: An unexpected error occurred.