

Todo Application Documentation

The following description is aid the testing and usage of the various endpoints in the todo application. Only the task endpoints is described, but the category is analogous.

Task endpoints

TaskDTO

id	Number	Primary key, automatically generated, unique
name	String	Not null
description	String	
deadline	Format: „yyyy-mm-ddThh:mm” or: „yyyy-mm-ddThh:mm:ss”	Not null
category	CategoryDTO	Not null

When creating or updating a task the not null fields have to be present. In the case of the category, it is sufficient to provide only the name of the category as it uniquely defines a category.

/api/task

- GET
Provides all the tasks from the database
- POST
Creates a new task with an automatically generated ID and returns it with a **CREATED** status. If any constraints are violated it returns a **BAD REQUEST** status

/api/task/<taskID>

- GET
Returns the task with the specified ID and an **OK** status. If no task exists with the given ID, a **NOT FOUND** status is returned.
- PUT
Modifies the task with the given ID. If there isn't yet a task with the ID, it is created. **OK** status is returned. If any constraints are violated a **BAD REQUEST** status is returned.
- PATCH
Modifies the task with the given ID, but only the fields that are present in the request body. Upon success it returns an **OK** status. If the task with the given ID is missing is returns with a **NOT FOUND** status. If a constraint is violated **BAD REQUEST** is returned.
- DELETE
Removes the task with the specified ID and returns a **NO CONTENT** status. If the task with the given ID is missing it returns a **NOT FOUND** status.