API Document

To do task list assignment

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api document

# view all items in the list

**Definition**

To view all items in the list

**URL**

http://{hostname}:{port}/TaskAPI/api/**listTask**

**Request Parameters**

NA

**Example Response**

[    
   {    
      **"class"**:"com.dotography.Task",  
      **"id"**:1,  
      **"content"**:"Test Content 1",  
      **"status"**:{    
         **"enumType"**:"com.dotography.Status",  
         **"name"**:"Pending"  
      },  
      **"subject"**:"Test 1"  
   },  
   {    
      **"class"**:"com.dotography.Task",  
      **"id"**:2,  
      **"content"**:"Test Content 2",  
      **"status"**:{    
         **"enumType"**:"com.dotography.Status",  
         **"name"**:"Pending"  
      },  
      **"subject"**:"Test 2"

]

# view a single task in the list

**Definition**

To view a single task in the list by id

**URL**

http://{hostname}:{port}/TaskAPI/ api/**task**/{id}

**Request Parameters**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Description | Mandatory | Example |
| id | The id of record | Y | 2 |

**Example Response**

{    
   **"class"**:"com.dotography.Task",  
   **"id"**:2,  
   **"content"**:"Test Content 2",  
   **"status"**:{    
      **"enumType"**:"com.dotography.Status",  
      **"name"**:"Pending"  
   },  
   **"subject"**:"Test 2"  
}

# add a task to the list

**Definition**

To add a task to the list

**URL**

http://{hostname}:{port}/TaskAPI/api/ **create**?subject={subject}&content={content}&status={status}

**Request Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Description | Mandatory | Default | Example |
| subject | Subject of the task | Y |  | Test Subject |
| content | A free text content or detail for the task | Y |  | Test Content |
| status | A status of the task | N | Pending | Pending or Done |

**Example Response**

{    
   **"message"**:"Task id id ${id} is saved."  
}

Or

{    
   **"message"**:"Task could not be saved."  
}

# edit existing task

**Definition**

To edit existing task

**URL**

http://{hostname}:{port}/TaskAPI/api/ /**update**/${id}?subject={subject}&content={content}&status={status}

**Request Parameters**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Description | Mandatory | Example |
| id | The id of existing record that you want to modify | Y | 2 |
| subject | Subject of the task | Y | Test Subject |
| content | A free text content or detail for the task | Y | Test Content |
| status | A status of the task | N | Pending or Done |

**Example Response**

{

"message":"Task id ${id} is updated."

}

Or

{    
   **"message"**:" Task ${task.id} status could not be updated because ${message}  
}

Or

{    
   **"message"**:" Task not found with id ${id}"  
}

# set the task status

**Definition**

To set the status of the task

**URL**

http://{hostname}:{port}/TaskAPI/api/**setStatus**/{id}?status={status}

**Request Parameters**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Description | Mandatory | Example |
| id | The id of existing record that you want to set status | Y | 2 |
| status | A status of the task | Y | Pending or Done |

**Example Response**

{

"message":"Task id ${id} status updated."

}

Or

{    
   **"message"**:" Task ${task.id} status could not be updated because ${message}  
}

Or

{    
   **"message"**:" Task ${task.id} status could not be updated.  
}

Or

{    
   **"message"**:" Task not found with id ${id}"  
}

# delete a task from the list

**Definition**

To delete a task from the list

**URL**

http://{hostname}:{port}/TaskAPI/ api/**delete**/${id}

**Request Parameters**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Description | Mandatory | Example |
| id | The id of existing record that you want to delete from the list | Y | 2 |

**Example Response**

{

"message":"Task id ${id} is deleted."

}

Or

{    
   **"message"**:" Task not found with id ${id}"  
}