**Analysis of Complexity in Fetch Method**

* **Fetch API:**

If pass empty body at the time of Fetch Api request, then it will return all the tasks present in task list portal

If need some specific task as per search criteria, Please refer below few field names are available: state, assignee, assigned, processDefinitionKey, ProcessInstanceKey and more.

**API for Fetch all tasks from task list:**

**POST:** [**http://localhost:8082/v1/tasks/search**](http://localhost:8082/v1/tasks/search)

**Sample Request Body:**

Body:

{

}

**Sample Response:**

[

{

"id": "2251799814639382",

"name": "TestUser",

"taskDefinitionId": "Activity\_1ta9umh",

"processName": "Process\_0pukv4e",

"creationDate": "2024-07-17T13:41:33.301+0000",

"completionDate": null,

"assignee": null,

"taskState": "CREATED",

"sortValues": [

"1721223693301",

"2251799814639382"

],

"isFirst": true,

"formKey": "2251799813867667",

"formId": "Form\_1faotvb",

"formVersion": 1,

"isFormEmbedded": false,

"processDefinitionKey": "2251799814613777",

"processInstanceKey": "2251799814639377",

"tenantId": "<default>",

"dueDate": null,

"followUpDate": null,

"candidateGroups": null,

"candidateUsers": null,

"variables": [],

"context": null,

"implementation": "ZEEBE\_USER\_TASK"

},

{

"id": "2251799814561770",

"name": "TestUser",

"taskDefinitionId": "Activity\_1ta9umh",

"processName": "Process\_0pukv4e",

"creationDate": "2024-07-16T05:06:35.561+0000",

"completionDate": "2024-07-16T05:10:58.244+0000",

"assignee": "demo",

"taskState": "COMPLETED",

"sortValues": [

"1721106395561",

"2251799814561770"

],

"isFirst": false,

"formKey": "2251799813867667",

"formId": "Form\_1faotvb",

"formVersion": 1,

"isFormEmbedded": false,

"processDefinitionKey": "2251799814167448",

"processInstanceKey": "2251799814561765",

"tenantId": "<default>",

"dueDate": null,

"followUpDate": null,

"candidateGroups": null,

"candidateUsers": null,

"variables": null,

"context": null,

"implementation": "ZEEBE\_USER\_TASK"

}

]

{

"assignee":"demo",

"assigned":true,

"state":"CREATED",

"followUpDate": {

"from":"2024-03-04",

"to":"2024-08-24"

}

}

**API for Fetch specific tasks from task list:**

**POST:** [**http://localhost:8082/v1/tasks/search**](http://localhost:8082/v1/tasks/search)

**Request Body:**

**Sample Response:**

[

{

"id": "2251799814061826",

"name": "TestUser",

"taskDefinitionId": "Activity\_1ta9umh",

"processName": "Process\_0pukv4e",

"creationDate": "2024-07-01T14:09:59.868+0000",

"completionDate": null,

"assignee": "demo",

"taskState": "CREATED",

"sortValues": [

"1719842999868",

"2251799814061826"

],

"isFirst": true,

"formKey": "2251799813867667",

"formId": "Form\_1faotvb",

"formVersion": 1,

"isFormEmbedded": false,

"processDefinitionKey": "2251799814061395",

"processInstanceKey": "2251799814061708",

"tenantId": "<default>",

"dueDate": "2024-04-22T20:22:18.305+0000",

"followUpDate": "2024-04-03T20:22:18.305+0000",

"candidateGroups": null,

"candidateUsers": null,

"variables": [],

"context": null,

"implementation": "ZEEBE\_USER\_TASK"

}

]