

```
{  
  
  "info": {  
  
    "title": "ArXiv Search",  
  
    "description": "A GET-request based search operation for searching through arXiv.",  
  
    "version": "v1.0.0"  
  
  },  
  
  "servers": [  
  
    {  
  
      "url": "https://export.arxiv.org"  
  
    }  
  
  ],  
  
  "paths": {  
  
    "/api/query": {  
  
      "get": {  
  
        "description": "Searches through arXiv for the given query.",  
  
        "operationId": "searchArxiv",  
  
        "parameters": [  
  
          {  
  
            "name": "search_query",  
  
            "in": "query",
```

```
"description": "The query to search for.",
"required": true,
"schema": {
  "type": "string"
}
},
{
  "name": "start",
  "in": "query",
  "description": "The index of the first result to return.",
  "required": false,
  "schema": {
    "type": "integer"
  }
},
{
  "name": "max_results",
  "in": "query",
  "description": "The maximum number of results to return. Defaults to 10.",
  "required": false,
```

```
"schema": {  
  "type": "integer"  
}  
},  
{  
  "name": "sortBy",  
  "in": "query",  
  "description": "The field to sort by.",  
  "required": false,  
  "schema": {  
    "type": "string",  
    "enum": [  
      "relevance",  
      "lastUpdatedDate",  
      "submittedDate"  
    ]  
  }  
},  
{  
  "name": "sortOrder",
```

```
"in": "query",

"description": "The order to sort by.",

"required": false,

"schema": {

  "type": "string",

  "enum": [

    "ascending",

    "descending"

  ]

}

},

"deprecated": false

}

}

},

"components": {

  "schemas": {}

}

}
```

