API DOC

Please find API information along with examples below: For more comprehensive documentation on all API's please visit swaggerui on http://localhost:8080/componentservice/swagger-ui.html

WORKSPACE APIS

1. **Create Workspace**

   <mark>API: POST /componentservice/v1/workspaces</mark>

   ```
   POST /componentservice/v1/workspaces
   Host: localhost:8080
   Content-Type: application/json
   Accept: application/json

   {
     "workspaceName": "Workspace1",
     "ownerGroupId": "Ownergroup1",
     "environments": [
       {
         "environmentName": "Environment1",
         "databases": [
           {
             "databaseName": "Database1"
           }
         ]
       },
       {

         "environmentName": "Environment2",
         "databases": [
           {
             "databaseName": "Database2"
           }
         ]
       }
     ],
     "sourceRepositories": [
       {
         "repositoryName": "SourceRepo1"
       }
     ]
   }
   ```

2. **Get Workspace By Id**

API : GET /componentservice/v1/workspaces/{workspaceId}

GET /componentservice/v1/workspaces/1
Host: localhost:8080
Accept: application/json

3. **Get All Workspaces**

API: GET /componentservice/v1/workspaces

GET /componentservice/v1/workspaces
Host: localhost:8080
Accept: application/json
Content-Type: application/json

4. **Update Workspace By Id**

API: PUT /componentservice/v1/workspaces/{workspaceId}

PUT /componentservice/v1/workspaces/1
Host: localhost:8080
Content-Type: application/json
Accept: application/json

```
{
   "workspaceName": "WorkspaceModified1",
   "ownerGroupId": "Ownergroup1"
}
```

5. **Delete Workspace By Id**

API: DELETE /componentservice/v1/workspaces/{workspaceId}

DELETE /componentservice/v1/workspaces/1
Host: localhost:8080

6. **Add Child to Workspace – Environment**

API: PUT /componentservice/v1/workspaces/{workspaceId}/link/environments/{environmentId}

PUT /componentservice/v1/workspaces/1/link/environments/4
Host: localhost:8080

7. **Remove Child from Workspace – Environment**

API: DELETE /componentservice/v1/workspaces/{workspaceId}/unlink/environments/{environmentId}

DELETE /componentservice/v1/workspaces/1/unlink/environments/4
Host: localhost:8080

8. **Add Child to Workspace – SourceRepository**

API: PUT /componentservice/v1/workspaces/{workspaceId}/link/sourcerepositories/{sourceRepositoryId}

PUT /componentservice/v1/workspaces/1/link/sourcerepositories/4
Host: localhost:8080

9. **Remove Child from Workspace – SourceRepository**

API: DELETE
/componentservice/v1/workspaces/{workspaceId}/unlink/sourcerepositories/{sourceRepositoryId}

DELETE /componentservice/v1/workspaces/1/unlink/sourcerepositories/4
Host: localhost:8080

ENVIRONMENT APIS

10. **Create Environment**

API: POST /componentservice/v1/environments

POST /componentservice/v1/environments
Host: localhost:8080
Content-Type: application/json
Accept: application/json

```
{
        "environmentName": "Environment19",
        "databases": [
          {
             "databaseName": "Database123"
          }
        ]
}
```

11. **Get Environment By Id**

API: GET /componentservice/v1/environments/{environmentId}

GET /componentservice/v1/environments/1
Host: localhost:8080
Accept: application/json

12. **Get all Environments**

GET /componentservice/v1/environments
Host: localhost:8080
Accept: application/json

13. **Add parent to Environment – Workspace**

PUT /componentservice/v1/environments/1/link/workspaces/1
Host: localhost:8080
Accept: application/json

14. **Remove parent from Environment – Workspace**

DELETE /componentservice/v1/environments/1/unlink/workspaces
Host: localhost:8080
Accept: application/json

15. **Add child to Environment – Database**

PUT /componentservice/v1/environments/1/link/databases/1
Host: localhost:8080
Accept: application/json

16. **Remove child from Environment – Database**

DELETE /componentservice/v1/environments/1/unlink/databases/1
Host: localhost:8080
Accept: application/json

SOURCE REPOSITORY APIS

17. Create Source Repository

API: POST /componentservice/v1/sourcerepositories

```
POST /componentservice/v1/sourcerepositories
Host: localhost:8080
Content-Type: application/json
Accept: application/json


{
        "repositoryName": "SourceRepo1"
}
```

18. Get Source Repository By Id

API: GET /componentservice/v1/sourcerepositories/{sourcerepositoryId}

```
GET /componentservice/v1/sourcerepositories/1
Host: localhost:8080
Accept: application/json
```

19. Get All Source Repositories

API: GET /componentservice/v1/databases

```
GET /componentservice/v1/databases
Host: localhost:8080
Accept: application/json
```

20. Add parent to Source Repository – Workspace

API: PUT /componentservice/v1/sourcerepositories/{sourcerepositoryId}/link/workspaces/{workspaceId}

```
PUT /componentservice/v1/sourcerepositories/1/link/workspaces/1
Host: localhost:8080
Accept: application/json
```

21. Remove parent from Source Repository – Workspace

API: DELETE /componentservice/v1/sourcerepositories/{sourceRepositoryId}/unlink/workspaces

```
DELETE /componentservice/v1/sourcerepositories/1/unlink/workspaces
Host: localhost:8080
Accept: application/json
```

DATABASE APIS

22. Create Database

API: POST /componentservice/v1/databases

POST /componentservice/v1/databases
Host: localhost:8080
Accept: application/json

```
{
        "databaseName":"database46sd"
}
```

23. Get Database By Id

API: GET /componentservice/v1/databases/{databaseId}

GET /componentservice/v1/databases/1
Host: localhost:8080
Accept: application/json

24. Get All Databases

API: GET /componentservice/v1/databases

GET /componentservice/v1/databases
Host: localhost:8080
Accept: application/json

25. Add parent to Database – Environment

API: PUT /componentservice/v1/databases/{databaseId}/link/environments/{environmentId}

PUT /componentservice/v1/databases/1/link/environments/1
Host: localhost:8080
Accept: application/json

26. Remove parent from Database – Environment

API: DELETE /componentservice/v1/databases/{databaseId}/unlink/environments

DELETE /componentservice/v1/databases/1/unlink/environments
Host: localhost:8080
Accept: application/json