**Role相关接口**

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| **Get：** |
| <http://localhost:8085/view/admin/roles>  Request Body:  {}  Response Body:  {      "code": "00000",      "message": "success",      "data": [          {              "id": 1,              "name": "administrator",              "description": "system administrator",              "createTime": "2020-12-18T23:42:57.000+00:00",              "updateTime": "2020-12-18T23:42:57.000+00:00",              "version": 1,              "functions": [                  {                      "id": 1,                      "code": "flights",                      "description": "Daily Schedule",                      "localDescription": "航班日计划",                      "url": "/view/flights",                      "sort": 1,                      "leaf": **true**,                      "parentId": **null**,                      "createTime": "2020-12-18T23:42:57.000+00:00",                      "updateTime": "2020-12-18T23:42:57.000+00:00",                      "version": 1                  }              ]          },          {              "id": 10,              "name": "test",              "description": "desc3",              "createTime": "2020-12-20T14:35:23.000+00:00",              "updateTime": "2020-12-20T16:08:31.000+00:00",              "version": 5,              "functions": [                  {                      "id": 1,                      "code": "flights",                      "description": "Daily Schedule",                      "localDescription": "航班日计划",                      "url": "/view/flights",                      "sort": 1,                      "leaf": **true**,                      "parentId": **null**,                      "createTime": "2020-12-18T23:42:57.000+00:00",                      "updateTime": "2020-12-18T23:42:57.000+00:00",                      "version": 1                  }              ]          }      ]  }  **相关异常代码：**  *OPERATION\_FAILED*("B0001", "server operation failed") |
| **Post：** |
| <http://localhost:8085/view/admin/roles>  Request Body:  {      "name": "pureViewer",      "description": "testDescription"  }    Response Body:  {      "code": "00000",      "message": "success",      "data": {          "id": 14,          "name": "pureViewer",          "description": "testDescription",          "createTime": "2020-12-20T23:25:52.000+00:00",          "updateTime": "2020-12-20T23:25:52.000+00:00",          "version": 1,          "functions": **null**      }  }  **相关异常代码：**  *REQUEST\_FAILED\_PARAMETER*("A0400", "request parameter invalid"),  *ROLE\_EXISTED*("A0450", "role name already existed"),  *OPERATION\_FAILED*("B0001", "server operation failed") |
| **Put:** |
| <http://localhost:8085/view/admin/roles>  Request Body:  {      "id": 10,      "name": "test",      "description": "desc3",      "version": 4,      "functions": [{          "id": 1 **//此处只要提供的function列表中，每个对象只要有id即可**      }]  }    Response Body:  {      "code": "00000",      "message": "success",      "data": {          "id": 10,          "name": "test",          "description": "desc3",          "createTime": "2020-12-20T14:35:23.000+00:00",          "updateTime": "2020-12-20T16:08:31.000+00:00",          "version": 5,          "functions": [              {                  "id": 1,                  "code": "flights",                  "description": "Daily Schedule",                  "localDescription": "航班日计划",                  "url": "/view/flights",                  "sort": 1,                  "leaf": **true**,                  "parentId": **null**,                  "createTime": "2020-12-18T23:42:57.000+00:00",                  "updateTime": "2020-12-18T23:42:57.000+00:00",                  "version": 1              }          ]      }  }  **相关异常代码：**  *OPERATION\_FAILED*("B0001", "server operation failed")  *INVALID\_VERSION*("A0414", "invalid entity version"), |
| **Delete:** |
| [http://localhost:8085/view/admin/roles/{id}](http://localhost:8085/view/admin/roles/%7bid%7d)  Request Body:  {}    Response Body:  {      "code": "00000",      "message": "success",      "data": **null**  }  **相关异常代码：**  *REQUEST\_FAILED\_PARAMETER*("A0400", "request parameter invalid"),  *ROLE\_HAS\_RELATED\_USER*("A0451", "Cannot be deleted since role has related users"); |