**Model Explorer API Documentation**

API Name : Model Explorer

**SPEC List**

1. [GET Customers](#S01)
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4. [GET Components](#S04)
5. [GET Documents](#S05)
6. [GET Activities](#S06)
7. [GET ILBOs](#S07)
8. [GET Services](#S08)
9. [GET Service Detail](#S09)
10. SPEC to fetch all the Customer(s) in the environment.

Path : /customers

Operation ID : GetCustomers

Parameters:

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Parameter Type** |
| NodeID | String | To get the Customer Name | Response |
| NodeText | String | To get the Customer Name | Response |
| NodeType | String | Customer - To identify the fetched nodes | Response |
| DisplayText | String | To fetch the Description of Customers | Response |
| Expanded | Integer | To view the customer in expanded of Collapsed mode. | Response |
| Info | Array of Attributes | List the attributes of customer | Response |

Attributes:

Fetch the Customer name as an attribute.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Parameter Type** |
| AttributeName | String | Name of the Attribute | Response |
| AttributeValue | String | Value of the Attribute | Response |
| ParentNode | String | Parent node of the listed attribute | Response |
| Type | String | Display the node type whether it is customer/project/process.etc. | Response |

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| **Error Code** | **Description** |
| 200 | Success Message |

1. SPEC to Fetch all the Project(s) for the given Customer.

Path : /customers/{customername}/projects

Operation ID : GetProjects

Parameters:

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Parameter Type** |
| NodeID | String | To get the Project Name | Response |
| NodeText | String | To get the Project Name | Response |
| NodeType | String | Project - To identify the fetched nodes | Response |
| DisplayText | String | To fetch the Description of Projects | Response |
| Expanded | Integer | To view the project in expanded of Collapsed mode. | Response |
| Info | Array of Attributes | List the attributes of project | Response |

Attributes:

Fetch the Customer name and Project name as an attribute.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Parameter Type** |
| AttributeName | String | Name of the Attribute | Response |
| AttributeValue | String | Value of the Attribute | Response |
| ParentNode | String | Parent node of the listed attribute | Response |
| Type | String | Display the node type whether it is customer/project/process. Etc. | Response |

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| **Error Code** | **Description** |
| 200 | Success Message |

1. SPEC to Fetch all the Process(s) for the given Customer and Project.

Path : /customers/{customername}/projects/{projectname}/processes

Operation ID : GetProcesses

Parameters:

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Parameter Type** |
| NodeID | String | To get the Process Name | Response |
| NodeText | String | To get the Process Name | Response |
| NodeType | String | Process - To identify the fetched nodes | Response |
| DisplayText | String | To fetch the Description of Processes | Response |
| Expanded | Integer | To view the process in expanded of Collapsed mode. | Response |
| Info | Array of Attributes | List the attributes of process | Response |

Attributes:

Fetch the Customer name, Project Name, Process Name and Process Description as an attribute.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Parameter Type** |
| AttributeName | String | Name of the Attribute | Response |
| AttributeValue | String | Value of the Attribute | Response |
| ParentNode | String | Parent node of the listed attribute | Response |
| Type | String | Display the node type whether it is customer/project/process. Etc. | Response |

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| **Error Code** | **Description** |
| 200 | Success Message |

1. SPEC to Fetch all the Component(s) for the given Customer, Project, and Process.

Path : /customers/{customername}/projects/{projectname}/processes/{processname}/components

Operation ID : GetComponents

Parameters:

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Parameter Type** |
| NodeID | String | To get the Component Name | Response |
| NodeText | String | To get the Component Name | Response |
| NodeType | String | Component - To identify the fetched nodes | Response |
| DisplayText | String | To fetch the Description of Components | Response |
| Expanded | Integer | To view the component in expanded of Collapsed mode. | Response |
| Info | Array of Attributes | List the attributes of component | Response |

Attributes:

Fetch the Customer name, Project Name, Process Name, Component name, Component Description, Mapped Function, Component prefix, Latest Downloaded ECR and Latest Published ECR as an attribute.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Parameter Type** |
| AttributeName | String | Name of the Attribute | Response |
| AttributeValue | String | Value of the Attribute | Response |
| ParentNode | String | Parent node of the listed attribute | Response |
| Type | String | Display the node type whether it is customer/project/process. Etc. | Response |

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| **Error Code** | **Description** |
| 200 | Success Message |

1. SPEC to Fetch all the Published Documents for the given Customer, Project, Process and Component.

Path : /customers/{customername}/projects/{projectname}/processes/{processname}/components/{componentname}/documents

Operation ID : GetDocuments

Parameters:

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Parameter Type** |
| NodeID | String | To get the Document Name | Response |
| NodeText | String | To get the Document Name | Response |
| NodeType | String | Document - To identify the fetched nodes | Response |
| DisplayText | String | To fetch the Description of Documents | Response |
| Expanded | Integer | To view the Document in expanded of Collapsed mode. | Response |
| Info | Array of Attributes | List the attributes of Documents | Response |

Attributes:

Fetch the Customer name, Project Name, Process Name, Component name, ECR Number, ECR Status and Mapped RCN as an attribute.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Parameter Type** |
| AttributeName | String | Name of the Attribute | Response |
| AttributeValue | String | Value of the Attribute | Response |
| ParentNode | String | Parent node of the listed attribute | Response |
| Type | String | Display the node type whether it is customer/project/process. Etc. | Response |

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| **Error Code** | **Description** |
| 200 | Success Message |

1. SPEC to Fetch all the Activities for the given Customer, Project, Process, Component, and the Document Number.

Path : /customers/{customername}/projects/{projectname}/processes/{processname}/components/{componentname}/documents/{docno}/activities

Operation ID : GetActivities

Parameters:

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Parameter Type** |
| NodeID | String | To get the Activity Name | Response |
| NodeText | String | To get the Activity Name | Response |
| NodeType | String | Activity - To identify the fetched nodes | Response |
| DisplayText | String | To fetch the Description of Activities | Response |
| Expanded | Integer | To view the Activity in expanded of Collapsed mode. | Response |
| Info | Array of Attributes | List the attributes of Activities | Response |

Attributes:

Fetch the Customer name, Project Name, Process Name, Component name, Activity name, Activity Description and Activity Type as an attribute.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Parameter Type** |
| AttributeName | String | Name of the Attribute | Response |
| AttributeValue | String | Value of the Attribute | Response |
| ParentNode | String | Parent node of the listed attribute | Response |
| Type | String | Display the node type whether it is customer/project/process. Etc. | Response |

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| --- | --- |
| **Error Code** | **Description** |
| 200 | Success Message |

1. SPEC to Fetch all the ILBO(s) for the given Customer, Project, Process, Component, and the Document Number.

Path : /customers/{customername}/projects/{projectname}/processes/{processname}/components/{componentname}/documents/{docno}/ilbos

Operation ID : GetILBOs

Parameters:

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Parameter Type** |
| NodeID | String | To get the ILBO Name | Response |
| NodeText | String | To get the ILBO Name | Response |
| NodeType | String | ILBO - To identify the fetched nodes | Response |
| DisplayText | String | To fetch the Description of ILBO | Response |
| Expanded | Integer | To view the ILBO in expanded of Collapsed mode. | Response |
| Info | Array of Attributes | List the attributes of ILBO | Response |

Attributes:

Fetch the Customer name, Project Name, Process Name, Component name, Activity name, ILBO name, ILBO Description, ILBO caption, ILBO Type and ILBO documentation as an attribute.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Parameter Type** |
| AttributeName | String | Name of the Attribute | Response |
| AttributeValue | String | Value of the Attribute | Response |
| ParentNode | String | Parent node of the listed attribute | Response |
| Type | String | Display the node type whether it is customer/project/process. Etc. | Response |

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| --- | --- |
| **Error Code** | **Description** |
| 200 | Success Message |

1. SPEC to Fetch all the Services for the given Customer, Project, Process, Component, and the Document Number.

Path : /customers/{customername}/projects/{projectname}/processes/{processname}/components/{componentname}/documents/{docno}/services

Operation ID : GetServices

Parameters:

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Parameter Type** |
| NodeID | String | To get the Service Name | Response |
| NodeText | String | To get the Service Name | Response |
| NodeType | String | Service - To identify the fetched nodes | Response |
| DisplayText | String | To fetch the Description of Service | Response |
| Expanded | Integer | To view the Service in expanded of Collapsed mode. | Response |
| Info | Array of Attributes | List the attributes of Service | Response |

Attributes:

Fetch the Customer name, Project Name, Process Name, Component name, Document number, Service name, Service Type, Processing Type, Is Integration Service, Mapped Task and Service documentation as an attribute.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Parameter Type** |
| AttributeName | String | Name of the Attribute | Response |
| AttributeValue | String | Value of the Attribute | Response |
| ParentNode | String | Parent node of the listed attribute | Response |
| Type | String | Display the node type whether it is customer/project/process. Etc. | Response |

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| **Error Code** | **Description** |
| 200 | Success Message |

1. SPEC to Fetch all the Process Sections, Methods, and Method Parameters for the given Service.

Path : /customers/{customername}/projects/{projectname}/processes/{processname}/components/{componentname}/documents/{docno}/services/{servicename}

Operation ID : GetParameters

Parameters:

To get the process sections of the given service.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Parameter Type** |
| NodeID | String | To get the Process Sections | Response |
| NodeText | String | To get the Process Sections | Response |
| NodeType | String | Process Sections - To identify the fetched nodes | Response |
| DisplayText | String | To fetch the Description of Process Section | Response |
| Expanded | Integer | To view the Process Section in expanded of Collapsed mode. | Response |
| Information of selected text | Array of Attributes | List the attributes of Process Section | Response |
| Methods | Array of MethodInfo | To fetch the method information and array of  Parameters | Response |

Attributes:

Fetch the Customer name, Project Name, Process Name, Component name, Document number, Service name, Service Type, Processing Type, Is Integration Service, Mapped Task and Service documentation as an attribute.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Parameter Type** |
| AttributeName | String | Name of the Attribute | Response |
| AttributeValue | String | Value of the Attribute | Response |
| ParentNode | String | Parent node of the listed attribute | Response |
| Type | String | Display the node type whether it is customer/project/process. Etc. | Response |

MethodInfo:

To get all the methods of the given service

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Parameter Type** |
| NodeID | String | To get the Method | Response |
| NodeText | String | To get the Method | Response |
| NodeType | String | Method - To identify the fetched nodes | Response |
| DisplayText | String | To fetch the Description of Method | Response |
| Expanded | Integer | To view the Method in expanded of Collapsed mode. | Response |
| Info | Array of Attributes | List the attributes of Methods | Response |
| Parameters | Array of NodeInfo | To fetch the parameter information | Response |

Attributes:

Fetch the Customer name, Project Name, Process Name, Component name, Document number, Service name, Process section name, Method ID, Method name, BO code, BRO name, System Generated, Operation Type, Access Database, Mapped Floe BR, Execution Flag, Connectivity Flag, Method sequence, Process section rule type, Control expression, Logical extension enabled and Associated SP as an attribute.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Parameter Type** |
| AttributeName | String | Name of the Attribute | Response |
| AttributeValue | String | Value of the Attribute | Response |
| ParentNode | String | Parent node of the listed attribute | Response |
| Type | String | Display the node type whether it is customer/project/process. Etc. | Response |

NodeInfo:

To get all the parameters of the given method.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Parameter Type** |
| NodeID | String | To get the Parameter name | Response |
| NodeText | String | To get the Parameter name | Response |
| NodeType | String | Parameter - To identify the fetched nodes | Response |
| DisplayText | String | To fetch the Description of Parameter | Response |
| Expanded | Integer | To view the Parameter in expanded of Collapsed mode. | Response |
| Info | Array of Attributes | List the attributes of Parameter | Response |

Attributes:

Fetch the Customer name, Project Name, Process Name, Component name, Document number, Service name, Process section name, Method ID, Method name, Parameter Name, Parameter Sequence number, Parameter Flow Direction, Recordset name, Recordset Sequence number, Mapped BT, Mapped Dataitem Name, Dataitem BT Name, Dataitem Datatype, Dataitem Length, Dataitem Flow attribute and Dataitem segment name as an attribute.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Parameter Type** |
| AttributeName | String | Name of the Attribute | Response |
| AttributeValue | String | Value of the Attribute | Response |
| ParentNode | String | Parent node of the listed attribute | Response |
| Type | String | Display the node type whether it is customer/project/process. Etc. | Response |

|  |  |
| --- | --- |
| **Error Code** | **Description** |
| 200 | Success Message |