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## 1.AuthenticationService

<b>API Name</b>	User Authentication																																		
<b>Description</b>	<p>Authentication API is the main entry point into the dataIRISAPIplatform. The API performs following checks before granting the subscriber an access into the system :-</p> <ol style="list-style-type: none"> <li>1. Checks if the subscriber has been not been blocked. Subscriber is added to block list after 3 consecutive failed login attempts.</li> <li>2. If step-1 succeeds; performs a gateway validation; where-in the AccessToken is checked for authenticity.</li> <li>3. If step-2 succeeds; perform subscriber authentication and verifies for subscriber authenticity.</li> <li>4. If step-3 succeeds; validates the subscriber type             <ol style="list-style-type: none"> <li>4.1. If subscriber is of the type <b>Application</b>; account authentication is performed</li> <li>4.2. If subscriber is of the type <b>Individual</b>; no additional validation / authentication processes are engaged.</li> </ol> </li> <li>5. After successful authentication [both at the subscriber and account level]; aunique session token is generated.</li> <li>6. All subsequent API access uses private key handshaking architectures; based upon generated TokenID.</li> </ol> <p><b>Note:</b> Generated TokenID is active for 10 hours window. On expiry of the TokenID access to any dataIRIS API resource will be revoked. A new TokenID needs to be re-generated by invoking the authentication API.</p>																																		
<b>HTTP Method</b>	GET																																		
<b>Media Type</b>	application/json application/xml																																		
<b>URI</b>	<a href="http://www.datairis.co/V1/auth/subscriber/?AccessToken=t1">http://www.datairis.co/V1/auth/subscriber/?AccessToken=t1</a>																																		
<b>Parameter List</b>	<table border="1"> <thead> <tr> <th>Parameter</th> <th>Parameter Type</th> <th>Required</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>SubscriberUsername</td> <td>Header</td> <td>Yes</td> <td>Subscriber's account Username</td> </tr> <tr> <td>SubscriberPassword</td> <td>Header</td> <td>Yes</td> <td>Subscriber's account Password</td> </tr> <tr> <td>SubscriberID</td> <td>Header</td> <td>Yes</td> <td>Account ID associated with Subscriber</td> </tr> <tr> <td>AccessToken</td> <td>Query</td> <td>Yes</td> <td>Access token for Subscriber</td> </tr> </tbody> </table> <p>If the Subscriber is of the type Application; additional parameters are required for validating account authenticity</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Parameter Type</th> <th>Required</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>AccountID</td> <td>Header</td> <td>No</td> <td>Account ID if Subscriber is of type App</td> </tr> <tr> <td>AccountUsername</td> <td>Header</td> <td>No</td> <td>Account username. Required only if the Username/Password Authentication Mode configured at account level</td> </tr> </tbody> </table>			Parameter	Parameter Type	Required	Description	SubscriberUsername	Header	Yes	Subscriber's account Username	SubscriberPassword	Header	Yes	Subscriber's account Password	SubscriberID	Header	Yes	Account ID associated with Subscriber	AccessToken	Query	Yes	Access token for Subscriber	Parameter	Parameter Type	Required	Description	AccountID	Header	No	Account ID if Subscriber is of type App	AccountUsername	Header	No	Account username. Required only if the Username/Password Authentication Mode configured at account level
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SubscriberUsername	Header	Yes	Subscriber's account Username																																
SubscriberPassword	Header	Yes	Subscriber's account Password																																
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	AccountPassword	Header	No	Account password. Required only if the Username/Password Authentication Mode configured at account level																																	
	AccountIP	Header	No	Account User IP Address.																																	
	AccountRefURL	Header	No	AccountReferenceURL is required only in case of refURLbasedauthentication.																																	
	isCookie	Header	No	isCookie is required for cookie based authentication .																																	
<b>Request</b>	<a href="http://www.datairis.co/V1/auth/subscriber/?AccessToken=t1">http://www.datairis.co/V1/auth/subscriber/?AccessToken=t1</a>																																				
<b>Response</b>	<pre>{   "Response": {     "responseDetails": {       "TokenID": "a5a48a650127104199096ff0093c9dae8956",       "APIAccessLevel": "Level-2",       "AccountAuthMode": "COOKIE-AUTH",       "SubscriberAuthMode": "UNPWD-AUTH"     },     "responseCode": "200",     "responseMessage": "Success"   } }</pre>																																				
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## 2. Criteria Services

### 2.1 Search

#### 2.1.1 Add Search Criteria

<b>API Name</b>	Add Search Criteria			
<b>Description</b>	Adding individual search criteria			
<b>HTTP Method</b>	PUT			
<b>Media Type</b>	application/json application/xml			
<b>URI</b>	<a href="http://www.datairis.co/V1/criteria/search/add/{databaseType}/{criteriaName}/{criteriaValue}">http://www.datairis.co/V1/criteria/search/add/{databaseType}/{criteriaName}/{criteriaValue}</a>			
<b>Parameter List</b>	<b>Parameter</b>	<b>Parameter Type</b>	<b>Required</b>	<b>Description</b>
	TokenID	Header	Yes	TokenID generated by authentication API
	databaseType	URI	Yes	Database against which the action is being performed.
	CriteriaName	URI	Yes	Criteria Name
	CriteriaValue	URI	Yes	Criteria Value
<b>Request</b>	<a href="http://www.datairis.co/V1/criteria/search/add/business/First_Name/Neel">http://www.datairis.co/V1/criteria/search/add/business/First_Name/Neel</a>			
<b>Response</b>	<pre>{   "Response": {     "responseDetails": {       "SearchCriteriaMap": {         "First_Name": "Neel"       }     },     "responseCode": "200",     "responseMessage": "Success"   } }</pre>			
<b>Response Codes</b>	<b>Code</b>	<b>Response Message</b>	<b>Description</b>	
	200	Success	The request has succeeded. Resource(s) corresponding to the request are sent in the response.	
	400	Bad Request	The request could not be understood by the server due to malformed syntax.	
	401	Unauthorized	The request requires user authentication.	
	404	Source Not Found	The server has not found anything matching the Request-URI.	
	406	Not Acceptable	The resource identified by the request is only capable of generating response entities which have content characteristics not acceptable according to the accept Header sent in the request.	
	415	Unsupported Media Type	The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method.	
	500	Add Criteria Service Exception	Add Criteria Service Exception	
	I-501	Invalid Token	Invalid Token . Token has expired or invalid.	
	Q-505	No API found for this context.	No API found for this context.	
	A-505	ACL - Restriction Error	Invalid access to provided API resource. Subscription has expired or invalid. Please Check your Subscription Plan.	
	A-506	API Access Level - Restriction Error	Invalid access to provided API resource. Insufficient Access Privilege level. Please Check your Subscription Plan.	
Q-505	Access Quota	Configured Usage Plan Access Quota Exceed..		

	Restriction	
C-700	Invalid Search Criteria	Invalid Sort Criteria Entries

### 2.1.2 Add All Search Criteria

<b>API Name</b>	Add All Search Criteria			
<b>Description</b>	Create and add multiple search criteria to search request			
<b>HTTP Method</b>	PUT			
<b>Media Type</b>	application/json application/xml			
<b>URI</b>	<a href="http://www.datairis.co/V1/criteria/search/addall/{DatabaseType}">http://www.datairis.co/V1/criteria/search/addall/{DatabaseType}</a>			
<b>Parameter List</b>	<b>Parameter</b>	<b>Parameter Type</b>	<b>Required</b>	<b>Description</b>
	TokenID	Header	Yes	TokenID generated by authentication API.
	Content-Type	Header	Yes	Body data type [Application/JSON]
	databaseType	URI	Yes	Database against which the action is being performed.
<b>Request</b>	<a href="http://www.datairis.co/V1/criteria/search/addall/business">http://www.datairis.co/V1/criteria/search/addall/business</a>			
<b>Response</b>	<pre> {   "Response":{     "responseDetails":{       "SearchCriteriaMap":{         "Company_Name":"Apple, IBM",         "Last_Name":"Apple, IBM",         "First_Name":"James, Jack"       }     },     "responseCode":"200",     "responseMessage":"Success"   } } </pre>			
<b>Response Codes</b>	<b>Code</b>	<b>Response Message</b>	<b>Description</b>	
	200	Success	The request has succeeded. Resource(s) corresponding to the request are sent in the response.	
	400	Bad Request	The request could not be understood by the server due to malformed syntax.	
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	415	Unsupported Media Type	The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method.	
	500	Add ALL Search Criteria Service Exception	Add ALL Search Criteria Service Exception	
	A-506	API Access Level - Restriction Error	Invalid access to provided API resource. Insufficient Access Privilege level. Please Check your Subscription Plan.	

I-501	Invalid Token	Invalid Token. Token has expired or invalid.
C-700	Invalid Search Criteria	Invalid Sort Criteria Entries

### 2.1.3 Delete Search Criteria

<b>API Name</b>	Delete Search Criteria																																
<b>Description</b>	Delete the specified criteria from existing search criteria																																
<b>HTTP Method</b>	DELETE																																
<b>Media Type</b>	application/json application/xml																																
<b>URI</b>	<a href="http://www.datairis.co/V1/criteria/search/delete/{DatabaseType}/{CriteriaName}">http://www.datairis.co/V1/criteria/search/delete/{DatabaseType}/{CriteriaName}</a>																																
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TokenID	Header	Yes	TokenID generated by authentication API.																														
databaseType	URI	Yes	Database against which the action is being performed.																														
CriteriaName	URI	Yes	CriteriaName.																														
<b>Request</b>	<a href="http://www.datairis.co/V1/criteria/search/delete/business/Last_Name">http://www.datairis.co/V1/criteria/search/delete/business/Last_Name</a>																																
<b>Response</b>	<pre>{   "Response": {     "responseDetails": {       "SearchCriteriaMap": {         "Company_Name": "Apple, IBM",         "First_Name": "James, Jack"       }     },     "responseCode": "200",     "responseMessage": "Success"   } }</pre>																																
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## 2.1.4 Delete All Search Criteria

<b>API Name</b>	Delete All Search Criteria																																
<b>Description</b>	Delete the all existing criteria's from search criteria																																
<b>HTTP Method</b>	DELETE																																
<b>Media Type</b>	application/json application/xml																																
<b>URI</b>	<a href="http://www.datairis.co/V1/criteria/search/deleteall/{DatabaseType}">http://www.datairis.co/V1/criteria/search/deleteall/{DatabaseType}</a>																																
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databaseType	URI	Yes	Database against which the action is being performed.																														
<b>Request</b>	<a href="http://www.datairis.co/V1/criteria/search/deleteall/business">http://www.datairis.co/V1/criteria/search/deleteall/business</a>																																
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I-501	Invalid Token.	Invalid Token. Token has expired or invalid.																															



## 2.1.5 Get All Search Criteria

<b>API Name</b>	Get All Search Criteria																																
<b>Description</b>	Retrieves all available search criteria's within Subscriber session context																																
<b>HTTP Method</b>	GET																																
<b>Media Type</b>	application/json application/xml																																
<b>URI</b>	<a href="http://www.datairis.co/V1/criteria/search/getall/{DatabaseType}">http://www.datairis.co/V1/criteria/search/getall/{DatabaseType}</a>																																
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<b>Request</b>	<a href="http://www.datairis.co/V1/criteria/search/getall/business">http://www.datairis.co/V1/criteria/search/getall/business</a>																																
<b>Response</b>	<pre>{   "Response": {     "responseDetails": {       "SearchCriteriaMap": {         "First_Name": "Neel"       }     },     "responseCode": "200",     "responseMessage": "Success"   } }</pre>																																
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## 2.2 Sort

### 2.2.1 Add Sort Criteria

<b>API Name</b>	Add Sort Criteria																																			
<b>Description</b>	Add sort criteria details to subscriber session context																																			
<b>HTTP Method</b>	PUT																																			
<b>Media Type</b>	application/json application/xml																																			
<b>URI</b>	<a href="http://www.datairis.co/V1/criteria/sort/add/{DatabaseType}/{SortName}/{SortValue}">http://www.datairis.co/V1/criteria/sort/add/{DatabaseType}/{SortName}/{SortValue}</a>																																			
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SortValue	URI	Yes	SortValue																																	
<b>Request</b>	<a href="http://www.datairis.co/V1/criteria/sort/add/business/First_Name/asc">http://www.datairis.co/V1/criteria/sort/add/business/First_Name/asc</a>																																			
<b>Response</b>	<pre>{   "Response": {     "responseDetails": {       "SortCriteriaMap": {         "First_Name": "asc"       }     },     "responseCode": "200",     "responseMessage": "Success"   } }</pre>																																			
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C-700	Invalid Sort Criteria	Invalid Sort Criteria Entries																																		

## 2.2.2 Add All Sort Criteria

<b>API Name</b>	AddAllSortCriteria																																	
<b>Description</b>	Add multiple sort criteria to subscribers session context																																	
<b>HTTP Method</b>	PUT																																	
<b>Media Type</b>	application/json application/xml																																	
<b>URI</b>	<a href="http://www.datairis.co/V1/criteria/sort/addall/{DatabaseType}">http://www.datairis.co/V1/criteria/sort/addall/{DatabaseType}</a>																																	
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### 2.2.3 Delete Sort Criteria

<b>API Name</b>	DeleteSortCriteria																																
<b>Description</b>	Delete single criteria from subscriber session context																																
<b>HTTP Method</b>	DELETE																																
<b>Media Type</b>	application/json application/xml																																
<b>URI</b>	<a href="http://www.datairis.co/V1/criteria/sort/delete/{DatabaseType}/{SortName}">http://www.datairis.co/V1/criteria/sort/delete/{DatabaseType}/{SortName}</a>																																
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<b>Request</b>	<a href="http://www.datairis.co/V1/criteria/sort/delete/business/First_Name">http://www.datairis.co/V1/criteria/sort/delete/business/First_Name</a>																																
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## 2.2.4 Delete All Sort Criteria

<b>API Name</b>	Delete All Sort Criteria																																
<b>Description</b>	Delete all sort criteria from subscriber session context																																
<b>HTTP Method</b>	DELETE																																
<b>Media Type</b>	application/json application/xml																																
<b>URI</b>	<a href="http://www.datairis.co/V1/criteria/sort/deleteall/{DatabaseType}">http://www.datairis.co/V1/criteria/sort/deleteall/{DatabaseType}</a>																																
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I-501	Invalid Token	Invalid Token. Token has expired or invalid.																															

## 2.2.5 Get All Sort Criteria

<b>API Name</b>	Get All Sort Criteria																																
<b>Description</b>	Retrieves the active sort criteria list from subscriber context																																
<b>HTTP Method</b>	GET																																
<b>Media Type</b>	application/json application/xml																																
<b>URI</b>	<a href="http://www.datairis.co/V1/criteria//sort/getall/{DatabaseType}">http://www.datairis.co/V1/criteria//sort/getall/{DatabaseType}</a>																																
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<b>Request</b>	<a href="http://www.datairis.co/V1/criteria/sort/getall/business">http://www.datairis.co/V1/criteria/sort/getall/business</a>																																
<b>Response</b>	<pre>{   "Response": {     "responseDetails": {       "SortCriteriaMap": {       }     },     "responseCode": "200",     "responseMessage": "Success"   } }</pre>																																
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### 3. SearchServices

#### 3.1. Get Count

<b>API Name</b>	Get Count																																									
<b>Description</b>	Retrieves result count that are available against the applied search criteria																																									
<b>HTTP Method</b>	GET																																									
<b>Media Type</b>	application/json application/xml																																									
<b>URI</b>	<a href="http://www.datairis.co/V1/search/count/{DatabaseType}">http://www.datairis.co/V1/search/count/{DatabaseType}</a>																																									
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<b>Request</b>	<a href="http://www.datairis.co/V1/search/count/business">http://www.datairis.co/V1/search/count/business</a>																																									
<b>Response</b>	<pre>{   "Response": {     "responseDetails": {       "SearchCount": 559930     },     "responseCode": "200",     "responseMessage": "Success"   } }</pre>																																									
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### 3.2 Get Results

<b>API Name</b>	Get Results																																									
<b>Description</b>	This API provides, complete result set for the applied search and sort criteria																																									
<b>HTTP Method</b>	GET																																									
<b>Media Type</b>	application/json application/xml																																									
<b>URI</b>	<a href="http://www.datairis.co/V1/search/{databaseType}">http://www.datairis.co/V1/search/{databaseType}</a>																																									
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databaseType	URI	Yes	Database against which the action is being performed.																																							
<b>Request</b>	<a href="http://www.datairis.co/V1/search/business/?Start=1&amp;End=10">http://www.datairis.co/V1/search/business/?Start=1&amp;End=10</a>																																									
<b>Response</b>	<pre>{   "Response": {"responseDetails": {     "SearchResult": {       "totalCount": 37475244,       "startRecord": 24,       "recordCount": 26,       "searchResultRecord": [(26)         {           "resultFields": [(18)             {               "fieldValue": "1",               "fieldName": "is primaryExec"             }           ]         }       ]     }   } },   "query": "q=*:*&amp;fl=*,score&amp;qt=edismax&amp;sort=score desc&amp;bq=&amp;start=24&amp;rows=26" },   "responseCode": "200",   "responseMessage": "Success" }</pre>																																									
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### 3.3 Get Metadata

<b>API Name</b>	Get Metadata												
<b>Description</b>	<p>Provides metadata of specified database. i.e.</p> <ul style="list-style-type: none"> <li>• List of Fields that are available for searching</li> <li>• Query format details</li> <li>• Field Operator details</li> <li>• Masking Details</li> <li>• Formatting details</li> <li>• Display ordering details</li> <li>• etc</li> </ul>												
<b>HTTP Method</b>	GET												
<b>Media Type</b>	application/json application/xml												
<b>URI</b>	<a href="http://www.datairis.co/V1/search/metadata/{DatabaseType}">http://www.datairis.co/V1/search/metadata/{DatabaseType}</a>												
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Parameter	Parameter Type	Required	Description										
TokenID	Header	Yes	TokenID generated by authentication API.										
databaseType	URI	Yes	Database against which the action is being performed.										
<b>Request</b>	<a href="http://www.datairis.co/V1/search/metadata/business">http://www.datairis.co/V1/search/metadata/business</a>												
<b>Response</b>	<pre>{   "Response": {     "responseDetails": {       "Metadata": [         {           "expression": {             "isCustomizable": "true",             "expressionSyntax": null,             "isApplicable": "true"           },           "displayOrderId": {             "isCustomizable": "true",             "value": "1"           },           "displayWidth": {             "isCustomizable": "true",             "value": "-1"           },           "isHiddenField": {             "isCustomizable": "true",             "value": "false"           },           "isSortable": {             "isCustomizable": "true",             "value": "false"           },           "masking": {             "isCustomizable": "true",             "isApplicable": "true",             "maskFormat": null,             "maskRequiredLength": null           },           "decodeOutput": {             "isCustomizable": "true", </pre>												

```

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        "decodes": [
            ]
        },
        "queryExpression": {
            "sortQueryExpression": "alphacompanyname_sort %SORT_MODE%",
            "boosterQueryExpression": "((companyname_exact:(\\%1\\)^1.0) OR ((Company_Name:\\%1\\)^0.5))",
            "queryFormatExpression": "(companyname_exact:(\\%1\\) OR (Company_Name:\\%1\\) OR companyname2_exact:(\\%1\\) OR (Company_Name_2:\\%1\\))"
        },
        "searchDetails": {
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            "searchCase": ""
        },
        "fieldOperator": {
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            "value": "AND"
        },
        "isCustomizable": "true",
        "isSearchable": "true",
        "isVisible": "true",
        "id": "Company_Name",
        "displayName": {
            "isCustomizable": "true",
            "value": "Company Name"
        },
        "dataType": "STRING"
    }
}
},
"responseCode": "200",
"responseMessage": "Success"
}
}

```

### Response Codes

Code	Response Message	Description
200	Success	The request has succeeded. Resource(s) corresponding to the request are sent in the response.
400	Bad Request	The request could not be understood by the server due to malformed syntax.
401	Unauthorized	The request requires user authentication.
404	Source Not Found	The server has not found anything matching the Request-URI.
406	Not Acceptable	The resource identified by the request is only capable of generating response entities which have content characteristics not acceptable according to the accept Header sent in the request.
415	Unsupported Media Type	The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method.
500	Get Metadata Service Exception	Get Metadata Service Exception
A-506	API Access Level - Restriction Error	Invalid access to provided API resource. Insufficient Access Privilege level. Please Check your Subscription Plan.
I-501	Invalid Token	Invalid Token . Token has expired or invalid.
Q-506	No API found for this context.	No API found for this context., Contact API Provider.
A-505	ACL - Restriction Error.	Invalid access to provided API resource. Subscription has expired or invalid. Please Check your Subscription Plan.
Q-505	Access Quota Restriction.	Configured Usage Plan Access Quota Exceed.

### 3.4 Get Details

<b>API Name</b>	Get Details			
<b>Description</b>	Provides detailed information for the selected record set(A user can only pass "ID" as criteria)			
<b>HTTP Method</b>	GET			
<b>Media Type</b>	application/json application/xml			
<b>URI</b>	<a href="http://www.datairis.co/V1/search/recordDetail/{databaseType}/{fieldName}/{fieldValue}">http://www.datairis.co/V1/search/recordDetail/{databaseType}/{fieldName}/{fieldValue}</a>			
<b>Parameter List</b>	<b>Parameter</b>	<b>Parameter Type</b>	<b>Required</b>	<b>Description</b>
	TokenID	Header	Yes	TokenID generated by authentication API
	databaseType	URI	Yes	Database against which the action is being performed.
	fieldName	URI	Yes	fieldName
	fieldValue	URI	Yes	fieldValue
<b>Request</b>	<a href="http://www.datairis.co/V1/search/recordDetail/business/Id/11132543091991">http://www.datairis.co/V1/search/recordDetail/business/Id/11132543091991</a>			
<b>Response</b>	<pre>{   "Response":{     "responseDetails":{       "RecordDetail":{         "totalCount":1,         "searchResultRecord":[           {             "resultFields":[               {                 "fieldValue":"11132543091991",                 "fieldID":"Id",                 "fieldName":"Id"               },               {                 "fieldValue":"N/A",                 "fieldID":"Record_Type",                 "fieldName":"Record_Type"               },               .               .               .             ]           }         ],         "recordCount":1,         "startRecord":1,         "query":"-"       },       "responseCode":"200",       "responseMessage":"Success"     }   } }</pre>			
<b>Response Codes</b>	<b>Code</b>	<b>Response Message</b>	<b>Description</b>	
	200	Success	The request has succeeded. Resource(s) corresponding to the request are sent in the response.	

400	Bad Request	The request could not be understood by the server due to malformed syntax.
401	Unauthorized	The request requires user authentication.
404	Source Not Found	The server has not found anything matching the Request-URI.
406	Not Acceptable	The resource identified by the request is only capable of generating response entities which have content characteristics not acceptable according to the accept Header sent in the request.
415	Unsupported Media Type	The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method.
500	Get Record Detail Service Exception	Get Record Detail Service Exception
I-501	Invalid Token	Invalid Token . Token has expired or invalid.
Q-506	No API found for this context	No API found for this context., Contact API Provider.
A-505	ACL - Restriction Error	Invalid access to provided API resource. Subscription has expired or invalid. Please Check your Subscription Plan.
A-506	API Access Level - Restriction Error	Invalid access to provided API resource. Insufficient Access Privilege level. Please Check your Subscription Plan.
Q-505	Access Quota Restriction	Configured Usage Plan Access Quota Exceed

### 3.5 Get Mapped DB's

<b>API Name</b>	Mapped DB's			
<b>Description</b>	Provides list of accessible databases.			
<b>HTTP Method</b>	GET			
<b>Media Type</b>	application/json application/xml			
<b>URI</b>	<a href="http://www.datairis.co/V1/search/mapped/database">http://www.datairis.co/V1/search/mapped/database</a>			
<b>Parameter List</b>	<b>Parameter</b>	<b>Parameter Type</b>	<b>Required</b>	<b>Description</b>
	TokenID	Header	Yes	TokenID generated by authentication API
<b>Request</b>	<a href="http://www.datairis.co/V1/search/mapped/database">http://www.datairis.co/V1/search/mapped/database</a>			
<b>Response</b>	<pre>{   "Response": {     "responseDetails": {       "MappedDatabases": [         {           "dbName": "business"         },         {           "dbName": "cellphone"         },         {           "dbName": "newbusiness"         }       ]     },     "responseCode": "200",   } }</pre>			

	<pre>"responseMessage": "Success" } }</pre>		
<b>Response Codes</b>	<b>Code</b>	<b>Response Message</b>	<b>Description</b>
	200	Success	The request has succeeded. Resource(s) corresponding to the request are sent in the response.
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	415	Unsupported Media Type	The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method.
	500	Get Record Detail Service Exception	Get Record Detail Service Exception
	I-501	Invalid Token	Invalid Token . Token has expired or invalid.
	Q-506	No API found for this context	No API found for this context., Contact API Provider.
	A-506	API Access Level - Restriction Error	Invalid access to provided API resource. Insufficient Access Privilege level. Please Check your Subscription Plan.
	A-505	ACL - Restriction Error	Invalid access to provided API resource. Subscription has expired or invalid. Please Check your Subscription Plan.
	Q-505	Access Quota Restriction	Configured Usage Plan Access Quota Exceed

### 3.6 Get Multi Executive Details

<b>API Name</b>	gaetMultiExecutiveDetails			
<b>Description</b>	Retrieves multiple executive details for a particular search criteria.			
<b>HTTP Method</b>	POST			
<b>Media Type</b>	application/json application/xml			
<b>URI</b>	<a href="http://www.datairis.co/V1/search/multiexecutive/{DatabaseType}">http://www.datairis.co/V1/search/multiexecutive/{DatabaseType}</a>			
<b>Parameter List</b>	<b>Parameter</b>	<b>Parameter Type</b>	<b>Required</b>	<b>Description</b>
	TokenID	Header	Yes	TokenID generated by authentication API
	databaseType	URI	Yes	Database against which the action is being performed.
<b>Request</b>	<a href="http://www.datairis.co/V1/search/multiexecutive/business">http://www.datairis.co/V1/search/multiexecutive/business</a>			
<b>Response</b>	<pre>{   "Response": {     "responseDetails": {       "SearchResult": {         "totalCount": 0,         "searchResultRecord": [           ],         ],       },     },   }, }</pre>			

	<pre>                 "recordCount":0,                 "startRecord":0,             }         },         "responseCode":"200",         "responseMessage":"Success"     } } </pre>																																									
<b>Response Codes</b>	<table border="1"> <thead> <tr> <th>Code</th> <th>Response Message</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>200</td> <td>Success</td> <td>The request has succeeded. Resource(s) corresponding to the request are sent in the response.</td> </tr> <tr> <td>400</td> <td>Bad Request</td> <td>The request could not be understood by the server due to malformed syntax.</td> </tr> <tr> <td>401</td> <td>Unauthorized</td> <td>The request requires user authentication.</td> </tr> <tr> <td>404</td> <td>Source Not Found</td> <td>The server has not found anything matching the Request-URI.</td> </tr> <tr> <td>406</td> <td>Not Acceptable</td> <td>The resource identified by the request is only capable of generating response entities which have content characteristics not acceptable according to the accept Header sent in the request.</td> </tr> <tr> <td>415</td> <td>Unsupported Media Type</td> <td>The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method.</td> </tr> <tr> <td>500</td> <td>Get Record Detail Service Exception</td> <td>Get Record Detail Service Exception</td> </tr> <tr> <td>A-506</td> <td>API Access Level - Restriction Error</td> <td>Invalid access to provided API resource. Insufficient Access Privilege level. Please Check your Subscription Plan.</td> </tr> <tr> <td>I-501</td> <td>Invalid Token</td> <td>Invalid Token . Token has expired or invalid.</td> </tr> <tr> <td>Q-506</td> <td>No API found for this context</td> <td>No API found for this context., Contact API Provider.</td> </tr> <tr> <td>A-505</td> <td>ACL - Restriction Error</td> <td>Invalid access to provided API resource. Subscription has expired or invalid. Please Check your Subscription Plan.</td> </tr> <tr> <td>Q-505</td> <td>Access Quota Restriction</td> <td>Configured Usage Plan Access Quota Exceed</td> </tr> </tbody> </table>	Code	Response Message	Description	200	Success	The request has succeeded. Resource(s) corresponding to the request are sent in the response.	400	Bad Request	The request could not be understood by the server due to malformed syntax.	401	Unauthorized	The request requires user authentication.	404	Source Not Found	The server has not found anything matching the Request-URI.	406	Not Acceptable	The resource identified by the request is only capable of generating response entities which have content characteristics not acceptable according to the accept Header sent in the request.	415	Unsupported Media Type	The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method.	500	Get Record Detail Service Exception	Get Record Detail Service Exception	A-506	API Access Level - Restriction Error	Invalid access to provided API resource. Insufficient Access Privilege level. Please Check your Subscription Plan.	I-501	Invalid Token	Invalid Token . Token has expired or invalid.	Q-506	No API found for this context	No API found for this context., Contact API Provider.	A-505	ACL - Restriction Error	Invalid access to provided API resource. Subscription has expired or invalid. Please Check your Subscription Plan.	Q-505	Access Quota Restriction	Configured Usage Plan Access Quota Exceed		
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## 4. Report Service

<b>API Name</b>	Reporting Service			
<b>Description</b>	Fetch the statistical reports on pivoting by <ul style="list-style-type: none"> <li>• daterange,</li> <li>• by-day,</li> <li>• by-week,</li> <li>• by-month,</li> <li>• by-database</li> <li>• by-auth</li> </ul>			
<b>HTTP Method</b>	GET			
<b>Media Type</b>	application/json application/xml			
<b>URI</b>	<a href="http://www.datairis.co/V1/reports/{ReportType}/{AccountID}/{StartDate}/{EndDate}">http://www.datairis.co/V1/reports/{ReportType}/{AccountID}/{StartDate}/{EndDate}</a>			
<b>Substitutes</b>	Report type can be one of the value below:- <ul style="list-style-type: none"> <li>• DateRange</li> <li>• ByMonth</li> <li>• ByDay</li> <li>• ByWeek</li> <li>• ByAuth</li> <li>• ByDatabase</li> </ul>			
<b>Parameter List</b>	<b>Parameter</b>	<b>Parameter Type</b>	<b>Required</b>	<b>Description</b>
	ReportType	URI	Yes	Type of report we need to fetch like date range,by-month,etc..
	AccountID	URI	Yes	Valid account id.
	StartDate	URI	Yes	Start Date from where the report needs to fetch.
	EndDate	URI	Yes	End Date until where the report needs to fetch.
	TokenID	Header	Yes	TokenID generated by authentication API.
<b>Request</b>	<a href="http://www.datairis.co/V1/reports/ByDay/1/2012-02-22/2012-02-24">http://www.datairis.co/V1/reports/ByDay/1/2012-02-22/2012-02-24</a>			
<b>Response</b>	<pre> This is example for ByDate {   "Response": {     "responseDetails": {       "ReportDetails": [         ]       },     "responseCode": "200",     "responseMessage": "Success"   } } </pre>			
<b>Response Codes</b>	<b>Code</b>	<b>Response Message</b>	<b>Description</b>	
	200	Success	The request has succeeded. Resource(s) corresponding to the request are sent in the response.	
	400	Bad Request	The request could not be understood by the server due to malformed syntax.	
	401	Unauthorized	The request requires user authentication.	
	404	Source Not Found	The server has not found anything matching the Request-URI.	
406	Not Acceptable	The resource identified by the request is only capable of generating response entities which have content		

			characteristics not acceptable according to the accept Headersent in the request.
415	Unsupported Media Type		The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method.
500	Reporting Service Exception		Reporting Service Exception
I-501	Invalid Token. Token has expired or invalid.		Invalid Token. Token has expired or invalid.
Q-506	No API found for this context		No API found for this context., Contact API Provider.
A-505	ACL - Restriction Error		Invalid access to provided API resource. Subscription has expired or invalid. Please Check your Subscription Plan.
A-506	API Access Level - Restriction Error		Invalid access to provided API resource. Insufficient Access Privilege level. Please Check your Subscription Plan.
Q-505	Access Quota Restriction		Configured Usage Plan Access Quota Exceed

## 5. Personalization Services

### 5.1 Get AvailableLayout

<b>API Name</b>	Get AvailableLayout			
<b>Description</b>	Provides list of layout available for particular subscriber			
<b>HTTP Method</b>	GET			
<b>Media Type</b>	application/json application/xml			
<b>URI</b>	<a href="http://www.datairis.co/V1/personalization/availablelayouts">http://www.datairis.co/V1/personalization/availablelayouts</a>			
<b>Parameter List</b>	<b>Parameter</b>	<b>Parameter Type</b>	<b>Required</b>	<b>Description</b>
	TokenID	Header	Yes	TokenID generated by authentication API.
<b>Request</b>	<a href="http://www.datairis.co/V1/personalization/availablelayouts">http://www.datairis.co/V1/personalization/availablelayouts</a>			
<b>Response</b>	<pre>{   "Response":{     "responseDetails":{       "AvailableLayouts":[         "home_layout",         "business_search_layout",         "search_results",         "search_results_detail_layout"       ]     },     "responseCode":"200",     "responseMessage":"Success"   } }</pre>			
<b>Response Codes</b>	<b>Code</b>	<b>Response Message</b>	<b>Description</b>	
	200	Success	The request has succeeded. Resource(s) corresponding to the request are sent in the response.	
	400	Bad Request	The request could not be understood by the server due to malformed syntax.	
	401	Unauthorized	The request requires user authentication.	
	404	Source Not Found	The server has not found anything matching the	



			Request-URI.
	406	Not Acceptable	The resource identified by the request is only capable of generating response entities which have content characteristics not acceptable according to the accept Header sent in the request.
	415	Unsupported Media Type	The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method.
	500	Get Available Layout Service Exception	Get Available Layout Service Exception
	I-501	Invalid Token	Invalid Token . Token has expired or invalid.
	Q-506	No API found for this context.	No API found for this context., Contact API Provider.
	A-505	ACL - Restriction Error.	Invalid access to provided API resource. Subscription has expired or invalid. Please Check your Subscription Plan.
	A-506	API Access Level - Restriction Error	Invalid access to provided API resource. Insufficient Access Privilege level. Please Check your Subscription Plan.
	Q-505	Access Quota Restriction.	Configured Usage Plan Access Quota Exceed.

## 5.2 Get LayoutDetail

<b>API Name</b>	Get LayoutDetail			
<b>Description</b>	Provides complete layout detail for given layout specification e.gsearch, results, etc..			
<b>HTTP Method</b>	GET			
<b>Media Type</b>	application/json application/xml			
<b>URI</b>	<a href="http://www.datairis.co/V1/personalization/layout/{LayoutID}">http://www.datairis.co/V1/personalization/layout/{LayoutID}</a>			
<b>Parameter List</b>	<b>Parameter</b>	<b>Parameter Type</b>	<b>Required</b>	<b>Description</b>
	TokenID	Header	Yes	TokenID generated by authentication API.
	LayoutID	URI	Yes	LayoutID.
<b>Request</b>	<a href="http://www.datairis.co/V1/personalization/layout/home layout">http://www.datairis.co/V1/personalization/layout/home layout</a>			
<b>Response</b>	<pre>{   "Response":{     "responseDetails":{       "LayoutDetail":{         "uielements":{           "uielement":[             {               "functionalityID":"Fn_Help",               "isEnabled":"true",               "isVisible":"true",               "displayOrderId":"1",               "displayWidth":"-1",               "referenceLookUp":null,               "htmlcomponentType":"link",               "linkReference":null,               "portletReference":null,             }           ]         }       }     }   } }</pre>			

```

        "regEx":{
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            "regExFormat":"*"
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        "id":"help_link",
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        "target":"popup",
        "dataType":"STRING"
    }
]
},
"portletRefs":{
    "portletRef":[
        {
            "displayOrder":"1",
            "id":"header_menu"
        },
        {
            "displayOrder":"2",
            "id":"home_find_a_business"
        },
        {
            "displayOrder":"3",
            "id":"home_find_a_job"
        },
        {
            "displayOrder":"4",
            "id":"home_find_a_person"
        },
        {
            "displayOrder":"5",
            "id":"home_search_by_phone"
        },
        {
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            "id":"home_email_logo"
        },
        {
            "displayOrder":"7",
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        {
            "displayOrder":"8",
            "id":"business"
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        {
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        {
            "displayOrder":"12",
            "id":"consumer"
        },
        {
            "displayOrder":"13",
            "id":"newmover"
        },
        {
            "displayOrder":"14",
            "id":"newhomemover"
        },
        {
            "displayOrder":"15",

```

```

        "id":"cellphone"
      }
    ]
  },
  "specialPortletRefs":null,
  "id":"home_layout",
  "title":"Search | AtoZdatabases",
  "format":{
    "columns":"3",
    "rows":"3"
  },
  "target":"base"
},
}
},
"responseCode":"200",
"responseMessage":"Success"
}
}
}

```

	Code	Response Message	Description
<b>Response Codes</b>	200	Success	The request has succeeded. Resource(s) corresponding to the request are sent in the response.
	400	Bad Request	The request could not be understood by the server due to malformed syntax.
	401	Unauthorized	The request requires user authentication.
	404	Source Not Found	The server has not found anything matching the Request-URI.
	406	Not Acceptable	The resource identified by the request is only capable of generating response entities which have content characteristics not acceptable according to the accept Header sent in the request.
	415	Unsupported Media Type	The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method.
	500	Get Layout Details Service Exception	Get Layout Details Service Exception
	A-506	API Access Level - Restriction Error	Invalid access to provided API resource. Insufficient Access Privilege level. Please Check your Subscription Plan.
	I-501	Invalid Token	Invalid Token . Token has expired or invalid.
	Q-506	No API found for this context	No API found for this context., Contact API Provider.
	A-505	ACL - Restriction Error	Invalid access to provided API resource. Subscription has expired or invalid. Please Check your Subscription Plan
	Q-505	Access Quota Restriction.	Configured Usage Plan Access Quota Exceed.

### 5.3 Get Portlet Detail

<b>API Name</b>	Get PortletDetail			
<b>Description</b>	Provides complete port let details of business			
<b>HTTP Method</b>	GET			
<b>Media Type</b>	application/json application/xml			
<b>URI</b>	<a href="http://www.datairis.co/V1/personalization/portlet/{PortletID}">http://www.datairis.co/V1/personalization/portlet/{PortletID}</a>			
<b>Parameter List</b>	<b>Parameter</b>	<b>Parameter Type</b>	<b>Required</b>	<b>Description</b>
	TokenID	Header	Yes	TokenID generated by authentication API.
	PortletID	URI	Yes	PortletID
<b>Request</b>	<a href="http://www.datairis.co/V1/personalization/portlet/home_find_a_business">http://www.datairis.co/V1/personalization/portlet/home_find_a_business</a>			
<b>Response</b>	<pre> {   "Response": {     "responseDetails": {       "PortletDetail": {         "header": "Find a Business",         "footer": null,         "uiElements": {           "uiElement": [             {               "functionalityID": null,               "isEnabled": "true",               "isVisible": "true",               "displayOrderID": "1",               "displayWidth": "50",               "referenceLookUp": null,               "htmlcomponentType": "label",               "linkReference": null,               "portletReference": null,               "regex": {                 "isApplicable": "true",                 "regexFormat": "*"               },               "id": "business_Name",               "displayName": "Business Name",               "target": null,               "dataType": "STRING"             },             {               "functionalityID": null,               "isEnabled": "true",               "isVisible": "true",               "displayOrderID": "2",               "displayWidth": "-1",               "referenceLookUp": null,               "htmlcomponentType": "textbox",             }           ]         }       }     }   } } </pre>			

```

"linkReference":null,
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"regEx":null,
"id":"Company_Name",
"displayName":"",
"target":null,
"dataType":""
},
{
  "functionalityID":null,
  "isEnabled":"true",
  "isVisible":"true",
  "displayOrderId":"1",
  "displayWidth":"-1",
  "referenceLookUp":"",
  "htmlcomponentType":"radiobutton",
  "linkReference":null,
  "portletReference":null,
  "regEx":{
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    "regExFormat":"*"
  },
  "id":"business_radiobutton",
  "displayName":"Most Common",
  "target":null,
  "dataType":"select"
},
{
  "functionalityID":null,
  "isEnabled":"true",
  "isVisible":"true",
  "displayOrderId":"3",
  "displayWidth":"50",
  "referenceLookUp":null,
  "htmlcomponentType":"label",
  "linkReference":null,
  "portletReference":null,
  "regEx":{
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    "regExFormat":"*"
  },
  "id":"city",
  "displayName":"City",
  "target":null,
  "dataType":"STRING"
},
{
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  "isEnabled":"true",
  "isVisible":"true",
  "displayOrderId":"3",
  "displayWidth":"50",
  "referenceLookUp":"",
  "htmlcomponentType":"autocomplete",
  "linkReference":null,
  "portletReference":null,
  "regEx":{
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    "regExFormat":"*"
  },
  "id":"Physical_City",
  "displayName":"",
  "target":null,
  "dataType":"STRING"
},
{
  "functionalityID":null,
  "isEnabled":"true",
  "isVisible":"true",
  "displayOrderId":"4",
  "displayWidth":"-1",

```

```

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        "htmlcomponentType":"label",
        "linkReference":null,
        "portletReference":null,
        "regEx":{
            "isApplicable":"true",
            "regExFormat":"*"
        },
        "id":"state",
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        "isVisible":"true",
        "displayOrderId":"4",
        "displayWidth":"-1",
        "referenceLookUp":"XXXXXXX",
        "htmlcomponentType":"dropdown",
        "linkReference":"http://google.com",
        "portletReference":null,
        "regEx":null,
        "id":"Physical_State",
        "displayName":"",
        "target":null,
        "dataType":"STRING"
    },
    {
        "functionalityID":null,
        "isEnabled":"true",
        "isVisible":"true",
        "displayOrderId":"5",
        "displayWidth":"-1",
        "referenceLookUp":null,
        "htmlcomponentType":"button",
        "linkReference":null,
        "portletReference":null,
        "regEx":{
            "isApplicable":"true",
            "regExFormat":"*"
        },
        "id":"search",
        "displayName":"Search",
        "target":null,
        "dataType":"STRING"
    }
    ]
},
"functionalityID":null,
"isEnabled":"true",
"isVisible":"true",
"isMaximizable":"true",
"isDraggable":"false",
"jspReference":"",
"id":"home_find_a_business",
"dimension":{
    "height":"300px",
    "width":"400px"
}
}
},
"responseCode":"200",
"responseMessage":"Success"
}
}

```

Response Codes	Code	Response Message	Description
	200	Success	The request has succeeded. Resource(s) corresponding to the request are sent in the response.

	400	Bad Request	The request could not be understood by the server due to malformed syntax.
	401	Unauthorized	The request requires user authentication.
	404	Source Not Found	The server has not found anything matching the Request-URI.
	406	Not Acceptable	The resource identified by the request is only capable of generating response entities which have content characteristics not acceptable according to the accept Header sent in the request.
	415	Unsupported Media Type	The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method.
	500	Get Portlet Details Service Exception	Get Portlet Details Service Exception
	A-506	API Access Level - Restriction Error	Invalid access to provided API resource. Insufficient Access Privilege level. Please Check your Subscription Plan.
	I-501	Invalid Token	Invalid Token . Token has expired or invalid.
	Q-506	No API found for this context	No API found for this context., Contact API Provider.
	A-505	ACL - Restriction Error	Invalid access to provided API resource. Subscription has expired or invalid. Please Check your Subscription Plan
	Q-505	Access Quota Restriction.	Configured Usage Plan Access Quota Exceed..

## 5.4 Get Theme Detail

<b>API Name</b>	Get Theme Detail			
<b>Description</b>	Provides theme detail for particular layout or portlet for the given subscriber			
<b>HTTP Method</b>	GET			
<b>Media Type</b>	application/json application/xml			
<b>URI</b>	<a href="http://www.datairis.co/V1/personalization/theme">http://www.datairis.co/V1/personalization/theme</a>			
<b>Parameter List</b>	<b>Parameter</b>	<b>Parameter Type</b>	<b>Required</b>	<b>Description</b>
	TokenID	Header	Yes	TokenID generated by authentication API.
<b>Request</b>	<a href="http://www.datairis.co/V1/personalization/theme">http://www.datairis.co/V1/personalization/theme</a>			
<b>Response</b>	<pre>{   "responseDetails": {     "ThemeDetails": "http://dev.atozdatabases.com/css/custom/custom272.css"   },   "responseCode": "200",   "responseMessage": "Success" }</pre>			
<b>Response Codes</b>	<b>Code</b>	<b>Response Message</b>	<b>Description</b>	
	200	Success	The request has succeeded. Resource(s) corresponding to the request are sent in the response.	
	400	Bad Request	The request could not be understood by the server due to malformed syntax.	
	401	Unauthorized	The request requires user authentication.	
	404	Source Not Found	The server has not found anything matching the Request-URI.	

	406	Not Acceptable	The resource identified by the request is only capable of generating response entities which have content characteristics not acceptable according to the accept Header sent in the request.
	415	Unsupported Media Type	The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method.
	500	Get Theme Details Service Exception	Get Theme Details Service Exception
	A-506	API Access Level - Restriction Error	Invalid access to provided API resource. Insufficient Access Privilege level. Please Check your Subscription Plan.
	I-501	Invalid Token	Invalid Token . Token has expired or invalid.
	Q-506	No API found for this context	No API found for this context., Contact API Provider.
	A-505	ACL - Restriction Error	Invalid access to provided API resource. Subscription has expired or invalid. Please Check your Subscription Plan
	Q-505	Access Quota Restriction.	Configured Usage Plan Access Quota Exceed..

## 5.5 Get Group Details

<b>API Name</b>	Get Group Details			
<b>Description</b>	Provides details of all field groups in a specific database.			
<b>HTTP Method</b>	GET			
<b>Media Type</b>	application/json application/xml			
<b>URI</b>	<a href="http://www.datairis.co/V1/personalization/groupdetails/{DatabaseType}">http://www.datairis.co/V1/personalization/groupdetails/{DatabaseType}</a>			
<b>Parameter List</b>	<b>Parameter</b>	<b>Parameter Type</b>	<b>Required</b>	<b>Description</b>
	TokenID	Header	Yes	TokenID generated by authentication API.
	databaseType	URI	Yes	Database against which the action is being performed.
<b>Request</b>	<a href="http://www.datairis.co/V1/personalization/groupdetails/business">http://www.datairis.co/V1/personalization/groupdetails/business</a>			
<b>Response</b>	<pre>{   "Response": {     "responseDetails": {       "groupDetails": {         "group": [           {             "isVisible": "true",             "displayOrderID": "1",             "logicalFields": {               "logicalField": [                 {                   "fieldID": "Physical_State",                   "isVisible": "true",</pre>			



```

"jspReference": "filteredmultiselect",
"portletReference": "business_search_state",
"referenceLookUp": "Physical_State",
"displayName": "State"
},
{
"fieldID": "Physical_State_Physical_City",
"isVisible": "true",
"jspReference": "2levelsubfilteredmultiselect",
"portletReference": "business_search_city",
"referenceLookUp": "Physical_State_Physical_City",
"displayName": "City"
},
{
"fieldID": "CBSA_Code",
"isVisible": "true",
"jspReference": "2levelsubfilteredmultiselect",
"portletReference": "business_search_metro_area",
"referenceLookUp": "CBSA_Code",
"displayName": "Metro Area"
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{
"fieldID": "Vendor_State_County",
"isVisible": "true",
"jspReference": "2levelsubfilteredmultiselect",
"portletReference": "business_search_county",
"referenceLookUp": "Vendor_State_County",
"displayName": "County"
},
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"jspReference": "200textboxpaste",
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"referenceLookUp": "",
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"fieldID": "Physical_Address",
"isVisible": "true",
"jspReference": "",
"portletReference": "business_search_address",
"referenceLookUp": "",
"displayName": "Address"
},
{
"fieldID": "proximity",
"isVisible": "true",
"jspReference": "radiusProximity",
"portletReference": "business_search_radius",
"referenceLookUp": "",
"displayName": "Radius Around an Address or ZIP Code"
}
]
},
{id: "GeographyInfo",
"displayName": "Geography"
},
.
.
.
]
}
},
"responseCode": "200",
"responseMessage": "Success"
}
}

```

Response	Code	Response Message	Description
	200	Success	The request has succeeded. Resource(s) corresponding to the

Codes			
	400	Bad Request	request are sent in the response. The request could not be understood by the server due to malformed syntax.
	401	Unauthorized	The request requires user authentication.
	404	Source Not Found	The server has not found anything matching the Request-URI.
	406	Not Acceptable	The resource identified by the request is only capable of generating response entities which have content characteristics not acceptable according to the accept Header sent in the request.
	415	Unsupported Media Type	The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method.
	500	Get Theme Details Service Exception	Get Theme Details Service Exception
	A-506	API Access Level - Restriction Error	Invalid access to provided API resource. Insufficient Access Privilege level. Please Check your Subscription Plan.
	I-501	Invalid Token	Invalid Token . Token has expired or invalid.
	Q-506	No API found for this context	No API found for this context., Contact API Provider.
	A-505	ACL - Restriction Error	Invalid access to provided API resource. Subscription has expired or invalid. Please Check your Subscription Plan
	Q-505	Access Quota Restriction.	Configured Usage Plan Access Quota Exceed..

## 5.6 Get Header Details

<b>API Name</b>	Get Header Details			
<b>Description</b>	Retrieves the Header details for a given layout			
<b>HTTP Method</b>	GET			
<b>Media Type</b>	application/json application/xml			
<b>URI</b>	<a href="http://www.datairis.co/V1/personalization/headerdetails/{DatabaseType}/{HeaderType}">http://www.datairis.co/V1/personalization/headerdetails/{DatabaseType}/{HeaderType}</a>			
<b>Parameter List</b>	<b>Parameter</b>	<b>Parameter Type</b>	<b>Required</b>	<b>Description</b>
	TokenID	Header	Yes	TokenID generated by authentication API.
	databaseType	URI	Yes	Database against which the action is being performed.
	HeaderType	URI	Yes	HeaderType
<b>Request</b>	<a href="http://www.datairis.co/V1/personalization/headerdetails/business/SearchResultHeader">http://www.datairis.co/V1/personalization/headerdetails/business/SearchResultHeader</a>			
<b>Response</b>	<pre>{   "Response": {     "responseDetails": {       "HeaderDetail": {         "id": "SearchResultHeader",         "headerField": [           {             "isVisible": "true",             "isHiddenField": "false",             "displayOrderID": "0",             "fieldSeparator": "None", </pre>			

```

"fieldReferences":{
"fieldReference":[
{
"id":"Id"
}
]
},
"displayname":"id"
},
{
"isVisible":"true",
"isHiddenField":"false",
"displayOrderID":"1",
"fieldSeparator":"None",
"fieldReferences":{
"fieldReference":[
{
"id":"Company_Name"
}
]
},
"displayname":"Business Name"
},
{
"isVisible":"true",
"isHiddenField":"false",
"displayOrderID":"2",
"fieldSeparator":"Space",
"fieldReferences":{
"fieldReference":[
{
"id":"First_Name"
},
{
"id":"Last_Name"
}
]
},
"displayname":"Name"
},
{
"isVisible":"true",
"isHiddenField":"false",
"displayOrderID":"3",
"fieldSeparator":"None",
"fieldReferences":{
"fieldReference":[
{
"id":"Physical_Address"
}
]
},
"displayname":"Address"
},
{
"isVisible":"true",
"isHiddenField":"false",
"displayOrderID":"4",
"fieldSeparator":"Comma",
"fieldReferences":{
"fieldReference":[
{
"id":"Physical_City"
},
{
"id":"Physical_State"
}
]
},
"displayname":"City, State"
},

```

```

{
  "isVisible":"true",
  "isHiddenField":"false",
  "displayOrderID":"5",
  "fieldSeparator":"None",
  "fieldReferences":{
    "fieldReference":[
      {
        "id":"Phone"
      }
    ]
  },
  "displayName":"Phone"
},
{
  "isVisible":"true",
  "isHiddenField":"false",
  "displayOrderID":"6",
  "fieldSeparator":"None",
  "fieldReferences":{
    "fieldReference":[
      {
        "id":"Sales_Volume"
      }
    ]
  },
  "displayName":"Revenue / Yr"
},
{
  "isVisible":"true",
  "isHiddenField":"true",
  "displayOrderID":"1",
  "fieldSeparator":"None",
  "fieldReferences":{
    "fieldReference":[
      {
        "id":"Standardized_Title"
      }
    ]
  },
  "displayName":"Title"
},
{
  "isVisible":"true",
  "isHiddenField":"true",
  "displayOrderID":"2",
  "fieldSeparator":"None",
  "fieldReferences":{
    "fieldReference":[
      {
        "id":"Physical_Zip"
      }
    ]
  },
  "displayName":"ZIP"
},
{
  "isVisible":"true",
  "isHiddenField":"true",
  "displayOrderID":"3",
  "fieldSeparator":"None",
  "fieldReferences":{
    "fieldReference":[
      {
        "id":"Employees_Total"
      }
    ]
  },
  "displayName":"Employees"
},
{

```

```

"isVisible":"true",
"isHiddenField":"true",
"displayOrderID":"4",
"fieldSeparator":"None",
"fieldReferences":{
"fieldReference":[
{
"id":"Company_Name_2"
}
]
},
"displayName":"Legal Name"
},
{
"isVisible":"true",
"isHiddenField":"true",
"displayOrderID":"5",
"fieldSeparator":"None",
"fieldReferences":{
"fieldReference":[
{
"id":"Record_Type"
}
]
},
"displayName":"Verified"
}
]
}
},
"responseCode":"200",
"responseMessage":"Success"
}
}

```

<b>Response Codes</b>	<b>Code</b>	<b>Response Message</b>	<b>Description</b>
	200	Success	The request has succeeded. Resource(s) corresponding to the request are sent in the response.
	400	Bad Request	The request could not be understood by the server due to malformed syntax.
	401	Unauthorized	The request requires user authentication.
	404	Source Not Found	The server has not found anything matching the Request-URI.
	406	Not Acceptable	The resource identified by the request is only capable of generating response entities which have content characteristics not acceptable according to the accept Header sent in the request.
	415	Unsupported Media Type	The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method.
	500	Get Theme Details Service Exception	Get Theme Details Service Exception
	A-506	API Access Level - Restriction Error	Invalid access to provided API resource. Insufficient Access Privilege level. Please Check your Subscription Plan.
	I-501	Invalid Token	Invalid Token . Token has expired or invalid.
	Q-506	No API found for this context	No API found for this context., Contact API Provider.
	A-505	ACL - Restriction Error	Invalid access to provided API resource. Subscription has expired or invalid. Please Check your Subscription Plan
	Q-505	Access Quota Restriction.	Configured Usage Plan Access Quota Exceed..

## 6. LookUp services

### 6.1 Refrence Lookup

<b>API Name</b>	Reference Lookup			
<b>Description</b>	Provides meta information of portlets.			
<b>HTTP Method</b>	GET			
<b>Media Type</b>	application/json application/xml			
<b>URI</b>	<a href="http://www.datairis.co/V1/lookup/metadata/{DatabaseType}">http://www.datairis.co/V1/lookup/metadata/{DatabaseType}</a>			
<b>Parameter List</b>	<b>Parameter</b>	<b>Parameter Type</b>	<b>Required</b>	<b>Description</b>
	TokenID	Header	Yes	TokenID generated by authentication API.
	databaseType	URI	Yes	Database against which the action is being performed.
	Search	Query	Yes	Field name .
	Field	Query	No	Specific field value .
<b>Request</b>	<a href="http://www.datairis.co/V1/lookup/metadata/business?Search=Physical_State&amp;Field=California">http://www.datairis.co/V1/lookup/metadata/business?Search=Physical_State&amp;Field=California</a>			
<b>Response</b>	<pre>{   "Response": {     "responseDetails": {       "RefLookUpDetails": [         {           "database": "business",           "search": "physical_state",           "displayValue": "California",           "value": "CA",           "field": "California",           "child": ""         }       ]     },     "responseCode": "200",     "responseMessage": "Success"   } }</pre>			
<b>Response Codes</b>	<b>Code</b>	<b>Response Message</b>	<b>Description</b>	
	200	Success	The request has succeeded. Resource(s) corresponding to the request are sent in the response.	
	400	Bad Request	The request could not be understood by the server due to malformed syntax.	
	401	Unauthorized	The request requires user authentication.	
	404	Source Not Found	The server has not found anything matching the Request-URI.	
	406	Not Acceptable	The resource identified by the request is only capable of generating response entities which have content characteristics not acceptable according to the accept Header sent in the request.	
	415	Unsupported Media Type	The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method.	
	500	Get Theme Details Service Exception	Get Theme Details Service Exception	

I-501	Invalid Token	Invalid Token . Token has expired or invalid.
Q-506	No API found for this context	No API found for this context., Contact API Provider.
A-505	ACL - Restriction Error	Invalid access to provided API resource. Subscription has expired or invalid. Please Check your Subscription Plan
A-506	API Access Level - Restriction Error	Invalid access to provided API resource. Insufficient Access Privilege level. Please Check your Subscription Plan.
Q-505	Access Quota Restriction.	Configured Usage Plan Access Quota Exceed..

## 6.2 Static Page Reference

<b>API Name</b>	Static page reference			
<b>Description</b>	Provides static page references for given application.			
<b>HTTP Method</b>	GET			
<b>Media Type</b>	application/json application/xml			
<b>URI</b>	<a href="http://www.datairis.co/V1/lookup/static/page/details">http://www.datairis.co/V1/lookup/static/page/details</a>			
<b>Parameter List</b>	<b>Parameter</b>	<b>Parameter Type</b>	<b>Required</b>	<b>Description</b>
	TokenID	Header	Yes	TokenID generated by authentication API.
<b>Request</b>	<a href="http://www.datairis.co/V1/lookup/static/page/details">http://www.datairis.co/V1/lookup/static/page/details</a>			
<b>Response</b>	<pre>{   "Response": {     "responseDetails": {       "StaticPageDetails": [         {           "applicationName": "atoz",           "pageKey": "dataquality",           "pageURI": "http://www.atozdatabases.com/dataquality"         }       ]     },     "responseCode": "200",     "responseMessage": "Success"   } }</pre>			
<b>Response Codes</b>	<b>Code</b>	<b>Response Message</b>	<b>Description</b>	
	200	Success	The request has succeeded. Resource(s) corresponding to the request are sent in the response.	
	400	Bad Request	The request could not be understood by the server due to malformed syntax.	
	401	Unauthorized	The request requires user authentication.	
	404	Source Not Found	The server has not found anything matching the Request-URI.	
	406	Not Acceptable	The resource identified by the request is only capable of generating response entities which have content characteristics not acceptable according to the accept Header sent in the request.	
415	Unsupported Media Type	The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method.		

	500	Get Theme Details Service Exception	Get Theme Details Service Exception
	I-501	Invalid Token	Invalid Token . Token has expired or invalid.
	Q-506	No API found for this context	No API found for this context., Contact API Provider.
	A-505	ACL - Restriction Error	Invalid access to provided API resource. Subscription has expired or invalid. Please Check your Subscription Plan
	A-506	API Access Level - Restriction Error	Invalid access to provided API resource. Insufficient Access Privilege level. Please Check your Subscription Plan.
	Q-505	Access Quota Restriction.	Configured Usage Plan Access Quota Exceed..

### 6.3 Geo Service Address LookUp

<b>API Name</b>	Geo Service AddressLookUp			
<b>Description</b>	Provides address details based on zipcode.			
<b>HTTP Method</b>	GET			
<b>Media Type</b>	application/json application/xml			
<b>URI</b>	<a href="http://www.datairis.co/V1/lookup/geo/address">http://www.datairis.co/V1/lookup/geo/address</a>			
<b>Parameter List</b>	<b>Parameter</b>	<b>Parameter Type</b>	<b>Required</b>	<b>Description</b>
	TokenID	Header	Yes	TokenID generated by authentication API.
	PartialAddress	Query	Yes	Part of Address.
	Zipcode	Query	Yes	Valid Zipcode.
	ServiceProvider	Query	Yes	ServiceProvider
<b>Request</b>	<a href="http://www.datairis.co/V1/lookup/geo/address/?PartialAddress=842%20Peachtree%20St&amp;Zipcode=36066&amp;ServiceProvider=google">http://www.datairis.co/V1/lookup/geo/address/?PartialAddress=842 Peachtree St&amp;Zipcode=36066&amp;ServiceProvider=google</a>			
<b>Response</b>	<pre>{   "Response":{     "responseDetails":{       "GeoServiceAddressLookup":{         "totalCount":1,         "geoServiceProvider":"Google",         "addressLookupDetails":[           {             "formattedAddress":"842 Peachtree Street, Prattville, AL 36066, USA",             "latitude":"32.45837490",             "longitude":"-86.44843399999999",             "quality":80           }         ]       }     },     "responseCode":"200",     "responseMessage":"Success"   } }</pre>			
<b>Response Codes</b>	<b>Code</b>	<b>Response Message</b>	<b>Description</b>	
	200	Success	The request has succeeded. Resource(s) corresponding to the request are sent in the response.	
	400	Bad Request	The request could not be understood by the server due to malformed syntax.	



	401	Unauthorized	The request requires user authentication.
	404	Source Not Found	The server has not found anything matching the Request-URI.
	406	Not Acceptable	The resource identified by the request is only capable of generating response entities which have content characteristics not acceptable according to the accept Header sent in the request.
	415	Unsupported Media Type	The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method.
	500	Get Theme Details Service Exception	Get Theme Details Service Exception
	I-501	Invalid Token	Invalid Token . Token has expired or invalid.
	Q-506	No API found for this context	No API found for this context., Contact API Provider.
	A-505	ACL - Restriction Error	Invalid access to provided API resource. Subscription has expired or invalid. Please Check your Subscription Plan
	A-506	API Access Level - Restriction Error	Invalid access to provided API resource. Insufficient Access Privilege level. Please Check your Subscription Plan.
	Q-505	Access Quota Restriction.	Configured Usage Plan Access Quota Exceed..

## 7. Session Management

### 7.1 Add Session Details

<b>API Name</b>	Add Session Details			
<b>Description</b>	Store custom information in session with a unique key.			
<b>HTTP Method</b>	PUT			
<b>Media Type</b>	application/json application/xml			
<b>URI</b>	<a href="http://www.datairis.co/V1/session/add/{SessionKeyName}/{SessionKeyValue}">http://www.datairis.co/V1/session/add/{SessionKeyName}/{SessionKeyValue}</a>			
<b>Parameter List</b>	<b>Parameter</b>	<b>Parameter Type</b>	<b>Required</b>	<b>Description</b>
	TokenID	Header	Yes	TokenID generated by authentication API.
	SessionKeyName	URI	Yes	SessionKeyName
	SessionKeyValue	URI	Yes	SessionKeyValue
<b>Request</b>	<a href="http://www.datairis.co/V1/session/add/testkey/testValue">http://www.datairis.co/V1/session/add/testkey/testValue</a>			
<b>Response</b>	<pre>{   "Response":{     "responseDetails":{       "Status : ":"testkey added"     },     "responseCode":"200",     "responseMessage":"Success"   } }</pre>			
<b>Response</b>	<b>Code</b>	<b>Response Message</b>	<b>Description</b>	

Codes	200	Success	The request has succeeded. Resource(s) corresponding to the request are sent in the response.
	400	Bad Request	The request could not be understood by the server due to malformed syntax.
	401	Unauthorized	The request requires user authentication.
	404	Source Not Found	The server has not found anything matching the Request-URI.
	406	Not Acceptable	The resource identified by the request is only capable of generating response entities which have content characteristics not acceptable according to the accept Header sent in the request.
	415	Unsupported Media Type	The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method.
	500	Get Theme Details Service Exception	Get Theme Details Service Exception
	I-501	Invalid Token	Invalid Token . Token has expired or invalid.
	Q-506	No API found for this context	No API found for this context., Contact API Provider.
	A-506	API Access Level - Restriction Error	Invalid access to provided API resource. Insufficient Access Privilege level. Please Check your Subscription Plan.
	A-505	ACL - Restriction Error	Invalid access to provided API resource. Subscription has expired or invalid. Please Check your Subscription Plan
	Q-505	Access Quota Restriction.	Configured Usage Plan Access Quota Exceed..

## 7.2 Delete Session Details

<b>API Name</b>	Delete Session Details			
<b>Description</b>	Delete information from session with specific key.			
<b>HTTP Method</b>	DELETE			
<b>Media Type</b>	application/json application/xml			
<b>URI</b>	<a href="http://www.datairis.co/V1/session/delete/{SessionKeyName}">http://www.datairis.co/V1/session/delete/{SessionKeyName}</a>			
<b>Parameter List</b>	<b>Parameter</b>	<b>Parameter Type</b>	<b>Required</b>	<b>Description</b>
	TokenID	Header	Yes	TokenID generated by authentication API.
	SessionKeyName	URI	Yes	SessionKeyName
<b>Request</b>	<a href="http://www.datairis.co/V1/session/delete/testkey">http://www.datairis.co/V1/session/delete/testkey</a>			
<b>Response</b>	<pre>{   "Response":{     "responseDetails":{       "Status : ":"testkey deleted"     },     "responseCode":"200",     "responseMessage":"Success"   } }</pre>			
<b>Response Codes</b>	<b>Code</b>	<b>Response Message</b>	<b>Description</b>	
	200	Success	The request has succeeded. Resource(s) corresponding to the request are sent in the response.	
	400	Bad Request	The request could not be understood by the server due to malformed syntax.	
	401	Unauthorized	The request requires user authentication.	

	404	Source Not Found	The server has not found anything matching the Request-URI.
	406	Not Acceptable	The resource identified by the request is only capable of generating response entities which have content characteristics not acceptable according to the accept Header sent in the request.
	415	Unsupported Media Type	The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method.
	500	Get Theme Details Service Exception	Get Theme Details Service Exception
	I-501	Invalid Token	Invalid Token . Token has expired or invalid.
	Q-506	No API found for this context	No API found for this context., Contact API Provider.
	A-506	API Access Level - Restriction Error	Invalid access to provided API resource. Insufficient Access Privilege level. Please Check your Subscription Plan.
	A-505	ACL - Restriction Error	Invalid access to provided API resource. Subscription has expired or invalid. Please Check your Subscription Plan
	Q-505	Access Quota Restriction.	Configured Usage Plan Access Quota Exceed..

### 7.3 Delete All

<b>API Name</b>	Delete All			
<b>Description</b>	Delete all stored custom informations from session.			
<b>HTTP Method</b>	DELETE			
<b>Media Type</b>	application/json application/xml			
<b>URI</b>	<a href="http://www.datairis.co/V1/session/deleteAll">http://www.datairis.co/V1/session/deleteAll</a>			
<b>Parameter List</b>	<b>Parameter</b>	<b>Parameter Type</b>	<b>Required</b>	<b>Description</b>
	TokenID	Header	Yes	TokenID generated by authentication API.
<b>Request</b>	<a href="http://www.datairis.co/V1/session/deleteAll">http://www.datairis.co/V1/session/deleteAll</a>			
<b>Response</b>	<pre>{   "Response":{     "responseDetails":{       "Status : ":"All session keys are deleted"     },     "responseCode":"200",     "responseMessage":"Success"   } }</pre>			
<b>Response Codes</b>	<b>Code</b>	<b>Response Message</b>	<b>Description</b>	
	200	Success	The request has succeeded. Resource(s) corresponding to the request are sent in the response.	
	400	Bad Request	The request could not be understood by the server due to malformed syntax.	
	401	Unauthorized	The request requires user authentication.	
	404	Source Not Found	The server has not found anything matching the Request-URI.	
	406	Not Acceptable	The resource identified by the request is only capable of generating response entities which have content characteristics not acceptable according to the accept Header sent in the request.	
	415	Unsupported Media Type	The server is refusing to service the request because the entity	

		of the request is in a format not supported by the requested resource for the requested method.
500	Get Theme Details Service Exception	Get Theme Details Service Exception
A-506	API Access Level - Restriction Error	Invalid access to provided API resource. Insufficient Access Privilege level. Please Check your Subscription Plan.
I-501	Invalid Token	Invalid Token . Token has expired or invalid.
Q-506	No API found for this context	No API found for this context., Contact API Provider.
A-505	ACL - Restriction Error	Invalid access to provided API resource. Subscription has expired or invalid. Please Check your Subscription Plan
Q-505	Access Quota Restriction.	Configured Usage Plan Access Quota Exceed..

## 7.4 Get Session Details

<b>API Name</b>	Get Session Details			
<b>Description</b>	Provides information , Stored in Session with specific key.			
<b>HTTP Method</b>	GET			
<b>Media Type</b>	application/json application/xml			
<b>URI</b>	<a href="http://www.datairis.co/V1/session/get/{SessionKeyName}">http://www.datairis.co/V1/session/get/{SessionKeyName}</a>			
<b>Parameter List</b>	<b>Parameter</b>	<b>Parameter Type</b>	<b>Required</b>	<b>Description</b>
	TokenID	Header	Yes	TokenID generated by authentication API.
	SessionKeyName	URI	Yes	SessionKeyName
<b>Request</b>	<a href="http://www.datairis.co/V1/session/get/testkey">http://www.datairis.co/V1/session/get/testkey</a>			
<b>Response</b>	<pre>{   "Response": {     "responseDetails": {       "value": "testValue"     },     "responseCode": "200",     "responseMessage": "Success"   } }</pre>			
<b>Response Codes</b>	<b>Code</b>	<b>Response Message</b>	<b>Description</b>	
	200	Success	The request has succeeded. Resource(s) corresponding to the request are sent in the response.	
	400	Bad Request	The request could not be understood by the server due to malformed syntax.	
	401	Unauthorized	The request requires user authentication.	
	404	Source Not Found	The server has not found anything matching the Request-URI.	
	406	Not Acceptable	The resource identified by the request is only capable of generating response entities which have content characteristics not acceptable according to the accept Header sent in the request.	
	415	Unsupported Media Type	The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method.	
	500	Get Theme Details Service Exception	Get Theme Details Service Exception	
A-506	API Access Level - Restriction	Invalid access to provided API resource. Insufficient Access		

	Error	Privilege level. Please Check your Subscription Plan.
I-501	Invalid Token	Invalid Token . Token has expired or invalid.
Q-506	No API found for this context	No API found for this context., Contact API Provider.
A-505	ACL - Restriction Error	Invalid access to provided API resource. Subscription has expired or invalid. Please Check your Subscription Plan
Q-505	Access Quota Restriction.	Configured Usage Plan Access Quota Exceed..

## 7.5 Get All Session Details

<b>API Name</b>	Get All Session Details		
<b>Description</b>	Provides all the information's stored in session.		
<b>HTTP Method</b>	GET		
<b>Media Type</b>	application/json application/xml		
<b>URI</b>	<a href="http://www.datairis.co/V1/session/getAll">http://www.datairis.co/V1/session/getAll</a>		
<b>Parameter List</b>	<b>Parameter</b>	<b>Parameter Type</b>	<b>Required</b>
	TokenID	Header	Yes
<b>Request</b>	<a href="http://www.datairis.co/V1/session/getAll">http://www.datairis.co/V1/session/getAll</a>		
<b>Response</b>	<pre>{   "Response": {     "responseDetails": {       "SessionDetails": {         "testkey": "testValue",         "TestKey3": "value3",         "TestKey2": "value2",         "TestKey1": "value1"       }     },     "responseCode": "200",     "responseMessage": "Success"   } }</pre>		
<b>Response Codes</b>	<b>Code</b>	<b>Response Message</b>	<b>Description</b>
	200	Success	The request has succeeded. Resource(s) corresponding to the request are sent in the response.
	400	Bad Request	The request could not be understood by the server due to malformed syntax.
	401	Unauthorized	The request requires user authentication.
	404	Source Not Found	The server has not found anything matching the Request-URI.
	406	Not Acceptable	The resource identified by the request is only capable of generating response entities which have content characteristics not acceptable according to the accept Header sent in the request.
	415	Unsupported Media Type	The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method.
	500	Get Theme Details Service Exception	Get Theme Details Service Exception
	I-501	Invalid Token	Invalid Token . Token has expired or invalid.
Q-506	No API found for this context	No API found for this context., Contact API Provider.	

	A-505	ACL - Restriction Error	Invalid access to provided API resource. Subscription has expired or invalid. Please Check your Subscription Plan
	A-506	API Access Level - Restriction Error	Invalid access to provided API resource. Insufficient Access Privilege level. Please Check your Subscription Plan.
	Q-505	Access Quota Restriction.	Configured Usage Plan Access Quota Exceed..

## 7.6 Get All Session Keys

<b>API Name</b>	Get All Session Keys			
<b>Description</b>	Provides all keys from session.			
<b>HTTP Method</b>	GET			
<b>Media Type</b>	application/json application/xml			
<b>URI</b>	<a href="http://www.datairis.co/V1/session/getAllKeys">http://www.datairis.co/V1/session/getAllKeys</a>			
<b>Parameter List</b>	<b>Parameter</b>	<b>Parameter Type</b>	<b>Required</b>	<b>Description</b>
	TokenID	Header	Yes	TokenID generated by authentication API.
<b>Request</b>	<a href="http://www.datairis.co/V1/session/getAllKeys">http://www.datairis.co/V1/session/getAllKeys</a>			
<b>Response</b>	<pre>{   "Response": {     "responseDetails": {       "SessionKeys": [         "testkey",         "TestKey3",         "TestKey2",         "TestKey1"       ]     },     "responseCode": "200",     "responseMessage": "Success"   } }</pre>			
<b>Response Codes</b>	<b>Code</b>	<b>Response Message</b>	<b>Description</b>	
	200	Success	The request has succeeded. Resource(s) corresponding to the request are sent in the response.	
	400	Bad Request	The request could not be understood by the server due to malformed syntax.	
	401	Unauthorized	The request requires user authentication.	
	404	Source Not Found	The server has not found anything matching the Request-URI.	
	406	Not Acceptable	The resource identified by the request is only capable of generating response entities which have content characteristics not acceptable according to the accept Header sent in the request.	
	415	Unsupported Media Type	The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method.	
	500	Get Theme Details Service Exception	Get Theme Details Service Exception	
	I-501	Invalid Token	Invalid Token . Token has expired or invalid.	
	Q-506	No API found for this context	No API found for this context., Contact API Provider.	
	A-505	ACL - Restriction Error	Invalid access to provided API resource. Subscription has expired or invalid. Please Check your Subscription Plan	
	A-506	API Access Level - Restriction Error	Invalid access to provided API resource. Insufficient Access Privilege level. Please Check your Subscription Plan.	
Q-505	Access Quota Restriction.	Configured Usage Plan Access Quota Exceed..		

## 7.7 Add All Session Details

<b>API Name</b>	Add All Session Details			
<b>Description</b>	Store multiple information's in session simultaneously.			
<b>HTTP Method</b>	PUT			
<b>Media Type</b>	application/json application/xml			
<b>URI</b>	<a href="http://www.datairis.co/V1/session/addAll">http://www.datairis.co/V1/session/addAll</a>			
<b>Parameter List</b>	<b>Parameter</b>	<b>Parameter Type</b>	<b>Required</b>	<b>Description</b>
	TokenID	Header	Yes	TokenID generated by authentication API.
	Content-Type	Header	Yes	Session key value pair in json format.
<b>Request</b>	<a href="http://www.datairis.co/V1/session/addAll">http://www.datairis.co/V1/session/addAll</a>			
<b>Response</b>	<pre>{   "Response":{     "responseDetails":{     },     "responseCode": "200",     "responseMessage": "Success"   } }</pre>			
<b>Response Codes</b>	<b>Code</b>	<b>Response Message</b>	<b>Description</b>	
	200	Success	The request has succeeded. Resource(s) corresponding to the request are sent in the response.	
	400	Bad Request	The request could not be understood by the server due to malformed syntax.	
	401	Unauthorized	The request requires user authentication.	
	404	Source Not Found	The server has not found anything matching the Request-URI.	
	406	Not Acceptable	The resource identified by the request is only capable of generating response entities which have content characteristics not acceptable according to the accept Header sent in the request.	
	415	Unsupported Media Type	The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method.	
	500	Get Theme Details Service Exception	Get Theme Details Service Exception	
	I-501	Invalid Token	Invalid Token . Token has expired or invalid.	
	Q-506	No API found for this context	No API found for this context., Contact API Provider.	
	A-505	ACL - Restriction Error	Invalid access to provided API resource. Subscription has expired or invalid. Please Check your Subscription Plan	
	A-506	API Access Level - Restriction Error	Invalid access to provided API resource. Insufficient Access Privilege level. Please Check your Subscription Plan.	
Q-505	Access Quota Restriction.	Configured Usage Plan Access Quota Exceed..		