

REST API

View the extensive REST API available with Compliance for Confluence to script automation using another tool (e.g. Python)

Note Internally, Classification Levels are set by their Index, e.g. by default:

- Highly Restricted = 0
- Restricted = 1
- Internal = 2
- Public = 3

You must use these index values in the REST API.

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Classify a Page

Classify a certain page under a classification level.

URL	/rest/server-classification/1.0/classify?pid=12345&lid=2
Query Parameters	PID = Page ID, the page that you would like to classify LID = Level ID, the level ID, as described above.
Response	200 if Success 401/403 if Unauthorized

Search

Search for pages by their classification level using the [Confluence CQL Search](#) REST API.

Search for Unclassified Pages

Search for unclassified pages - pages pending a classification.

URL	/rest/api/content/search?qql=type%20%3D%20page%20AND%20space%20in%20(TEST)%20AND%20(content.property%5Bclassification%5D.name.index%20!%3D%200%20AND%20content.property%5Bclassification%5D.name.index%20!%3D%201%20AND%20content.property%5Bclassification%5D.name.index%20!%3D%202%20AND%20content.property%5Bclassification%5D.name.index%20!%3D%203)&limit=20&start=0&expand=space,history.lastUpdated,metadata.properties.classification,metadata.labels,space.icon		
Query Parameters	cql	Search Query*	e.g. type = page AND space IN (TEST) AND (content.property[classification].name.index != 0 OR content.property[classification].name.index != 1 OR content.property[classification].name.index != 2 OR content.property[classification].name.index != 3)
	start	Pagination Start At	e.g. 0
	limit	Results Limit	e.g. 100
	expand	Expand Fields	e.g. space, history.lastUpdated, metadata.properties.classification, metadata.labels, space.icon
Response	Response Body <pre>{ "results": [{ "id": "851970", "type": "page", "status": "current",</pre>		

```

"title":"Test Home",
"space":{
  "id":884737,
  "key":"TEST",
  "name":"Test",
  "icon":{
    "path":"/images/logo/default-space-logo.svg",
    "width":48,
    "height":48,
    "isDefault":false
  },
  "type":"global",
  "_expandable":{
    "metadata":"",
    "description":"",
    "homepage":"/rest/api/content/851970"
  },
  "_links":{
    "self":"http://localhost:1990/confluence/rest/api/space/TEST",
    "webui":"/display/TEST"
  }
},
"history":{
  "lastUpdated":{
    "by":{
      "type":"known",
      "username":"admin",
      "userKey":"ff80808160e8c8810160e8d6a1210000",
      "profilePicture":{
        "path":"/confluence/images/icons/profilepics/default.svg",
        "width":48,
        "height":48,
        "isDefault":true
      },
      "displayName":"admin",
      "_expandable":{
        "status":""
      },
      "_links":{
        "self":"http://localhost:1990/confluence/rest/experimental/user?
key=ff80808160e8c8810160e8d6a1210000"
      }
    },
    "when":"2019-03-15T09:08:46.032Z",
    "message":"",
    "number":1,
    "minorEdit":false,
    "hidden":false,
    "_expandable":{
      "content":"/rest/api/content/851970"
    },
    "_links":{
      "self":"http://localhost:1990/confluence/rest/experimental/content/851970/version
/1"
    }
  },
  "latest":true,
  "createdBy":{
    "type":"known",
    "username":"admin",
    "userKey":"ff80808160e8c8810160e8d6a1210000",
    "profilePicture":{
      "path":"/confluence/images/icons/profilepics/default.svg",
      "width":48,
      "height":48,
      "isDefault":true
    },
    "displayName":"admin",
    "_expandable":{
      "status":""
    },
  },

```

```

    "_links":{
      "self":"http://localhost:1990/confluence/rest/experimental/user?
key=ff80808160e8c8810160e8d6a1210000"
    }
  },
  "createdDate":"2019-03-15T09:08:46.032Z",
  "_expandable":{
    "previousVersion":"","",
    "contributors":"","",
    "nextVersion":""
  },
  "_links":{
    "self":"http://localhost:1990/confluence/rest/api/content/851970/history"
  }
},
"metadata":{
  "labels":{
    "results":[

    ],
    "start":0,
    "limit":200,
    "size":0,
    "_links":{
      "self":"http://localhost:1990/confluence/rest/api/content/851970/label"
    }
  },
  "properties":{
    "classification":{
      "id":"851972",
      "key":"classification",
      "value":{
        "name":{
          "value":"Highly Restricted",
          "search":"Highly Restricted",
          "index":0
        },
        "icon":{
          "url":"/images/dark-red.png"
        },
        "tooltip":{
          "value":"This page was classified as Highly Restricted by admin on Fri Mar
15 09:20:06 GMT 2019."
        }
      },
      "updated":"Fri Mar 15 09:20:06 GMT 2019"
    },
    "version":{
      "when":"2019-03-15T09:20:06.853Z",
      "message":"","",
      "number":1,
      "minorEdit":false,
      "hidden":false
    },
    "_expandable":{
      "content":"/rest/api/content/851970"
    },
    "_links":{
      "self":"http://localhost:1990/confluence/rest/api/content/851970/property
/classification"
    }
  },
  "_expandable":{
    "classificationhistory":""
  },
  "_links":{
    "self":"http://localhost:1990/confluence/rest/api/content/851970/property"
  }
},
"_expandable":{
  "currentuser":"","",
  "frontend":"","",

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        "editorHtml":""
    }
},
"extensions":{
    "position":"none"
},
"_expandable":{
    "container":"/rest/api/space/TEST",
    "operations":"","",
    "children":"/rest/api/content/851970/child",
    "restrictions":"/rest/api/content/851970/restriction/byOperation",
    "ancestors":"","",
    "body":"","",
    "version":"","",
    "descendants":"/rest/api/content/851970/descendant"
},
"_links":{
    "self":"http://localhost:1990/confluence/rest/api/content/851970",
    "webui":"/display/TEST/Test+Home",
    "edit":"/pages/resumedraft.action?draftId=851970",
    "tinyui":"/x/AgAN"
}
}
],
"start":0,
"limit":20,
"size":1,
"_links":{
    "base":"http://localhost:1990/confluence",
    "context":"/confluence",
    "self":"http://localhost:1990/confluence/rest/api/content/search?expand=space,history.lastUpdated,metadata.properties.classification,metadata.labels,space.icon&cql=type%20%3D%20page%20AND%20space%20in%20(TEST)%20AND%20(content.property%5Bclassification%5D.name.index%20!%3D%200%20)&limit=20&start=0&expand=space,history.lastUpdated,metadata.properties.classification,metadata.labels,space.icon"
}
}
}

```

*You must chain the OR commands up to the same amount of levels you have in your system (like a JQL Query)

Search for Classified Pages

URL	/rest/api/content/search ?cql=type%20%3D%20page%20AND%20space%20in%20(TEST)%20AND%20(content.property%5Bclassification%5D.name.index%20!%3D%200%20)&limit=20&start=0&expand=space,history.lastUpdated,metadata.properties.classification,metadata.labels,space.icon		
Query Parameters	cql	Search Query*	e.g. type = page AND space IN (TEST) AND (content.property[classification].name.index = 0
	start	Pagination Start At	e.g. 0
	limit	Results Limit	e.g. 100
	expand	Expand Fields	e.g. space, history.lastUpdated, metadata.properties.classification, metadata.labels, space.icon
Response	<p>Response Body</p> <pre> { "results":[{ "id":"851970", "type":"page", "status":"current", "title":"Test Home", "space":{ "id":884737, "key":"TEST", "name":"Test", "icon":{ </pre>		

```

        "path": "/images/logo/default-space-logo.svg",
        "width": 48,
        "height": 48,
        "isDefault": false
    },
    "type": "global",
    "_expandable": {
        "metadata": "",
        "description": "",
        "homepage": "/rest/api/content/851970"
    },
    "_links": {
        "self": "http://localhost:1990/confluence/rest/api/space/TEST",
        "webui": "/display/TEST"
    }
},
"history": {
    "lastUpdated": {
        "by": {
            "type": "known",
            "username": "admin",
            "userKey": "ff80808160e8c8810160e8d6a1210000",
            "profilePicture": {
                "path": "/confluence/images/icons/profilepics/default.svg",
                "width": 48,
                "height": 48,
                "isDefault": true
            },
            "displayName": "admin",
            "_expandable": {
                "status": ""
            },
            "_links": {
                "self": "http://localhost:1990/confluence/rest/experimental/user?
key=ff80808160e8c8810160e8d6a1210000"
            }
        },
        "when": "2019-03-15T09:08:46.032Z",
        "message": "",
        "number": 1,
        "minorEdit": false,
        "hidden": false,
        "_expandable": {
            "content": "/rest/api/content/851970"
        },
        "_links": {
            "self": "http://localhost:1990/confluence/rest/experimental/content/851970/version
/1"
        }
    },
    "latest": true,
    "createdBy": {
        "type": "known",
        "username": "admin",
        "userKey": "ff80808160e8c8810160e8d6a1210000",
        "profilePicture": {
            "path": "/confluence/images/icons/profilepics/default.svg",
            "width": 48,
            "height": 48,
            "isDefault": true
        },
        "displayName": "admin",
        "_expandable": {
            "status": ""
        },
        "_links": {
            "self": "http://localhost:1990/confluence/rest/experimental/user?
key=ff80808160e8c8810160e8d6a1210000"
        }
    },
    "createdDate": "2019-03-15T09:08:46.032Z",

```

```

    "_expandable":{
      "previousVersion":"","
      "contributors":"","
      "nextVersion":""
    },
    "_links":{
      "self":"http://localhost:1990/confluence/rest/api/content/851970/history"
    }
  },
  "metadata":{
    "labels":{
      "results":[

    ],
    "start":0,
    "limit":200,
    "size":0,
    "_links":{
      "self":"http://localhost:1990/confluence/rest/api/content/851970/label"
    }
  },
  "properties":{
    "classification":{
      "id":"851972",
      "key":"classification",
      "value":{
        "name":{
          "value":"Highly Restricted",
          "search":"Highly Restricted",
          "index":0
        },
        "icon":{
          "url":"/images/dark-red.png"
        },
        "tooltip":{
          "value":"This page was classified as Highly Restricted by admin on Fri Mar
15 09:20:06 GMT 2019."
        },
        "updated":"Fri Mar 15 09:20:06 GMT 2019"
      },
      "version":{
        "when":"2019-03-15T09:20:06.853Z",
        "message":"","
        "number":1,
        "minorEdit":false,
        "hidden":false
      },
      "_expandable":{
        "content":"/rest/api/content/851970"
      },
      "_links":{
        "self":"http://localhost:1990/confluence/rest/api/content/851970/property
/classification"
      }
    },
    "_expandable":{
      "classificationhistory":""
    },
    "_links":{
      "self":"http://localhost:1990/confluence/rest/api/content/851970/property"
    }
  },
  "_expandable":{
    "currentuser":"","
    "frontend":"","
    "editorHtml":""
  }
},
"extensions":{
  "position":"none"
},

```

```

    "_expandable":{
      "container":"/rest/api/space/TEST",
      "operations": "",
      "children":"/rest/api/content/851970/child",
      "restrictions":"/rest/api/content/851970/restriction/byOperation",
      "ancestors": "",
      "body": "",
      "version": "",
      "descendants":"/rest/api/content/851970/descendant"
    },
    "_links":{
      "self":"http://localhost:1990/confluence/rest/api/content/851970",
      "webui":"/display/TEST/Test+Home",
      "edit":"/pages/resumedraft.action?draftId=851970",
      "tinyui":"/x/AgAN"
    }
  }
},
"start":0,
"limit":20,
"size":1,
"_links":{
  "base":"http://localhost:1990/confluence",
  "context":"/confluence",
  "self":"http://localhost:1990/confluence/rest/api/content/search?expand=space,history.
lastUpdated,metadata.properties.classification,metadata.labels,space.icon&cql=type%20%3D%20page%
20AND%20space%20in%20(TEST)"
}
}

```

Settings

Get Classification Levels

Retrieve the classification levels for the system:

URL	/rest/server-classification/1.0/levels
-----	--

Response	<table border="1"><tr><td data-bbox="264 126 1497 205">Response Body</td></tr><tr><td data-bbox="264 205 1497 1003"><pre>{ "levels":[{ "name":"Highly Restricted", "description":"Information presents the greatest danger if it were lost or disclosed. Only very limited audiences (sometimes just a single person) have access to this information.", "colour":"dark-red" }, { "name":"Restricted", "description":"Only people with a need to know should see Restricted information. Its loss or disclosure would pose a moderate to major risk.", "colour":"orange" }, { "name":"Internal", "description":"Commonly available to all employees. Internal information would pose only a minor risk if the information was lost or disclosed.", "colour":"blue" }, { "name":"Public", "description":"Lowest level of security, data is freely available to the public and employees. Public information requires no special protection.", "colour":"green" }] }</pre></td></tr></table>	Response Body	<pre>{ "levels":[{ "name":"Highly Restricted", "description":"Information presents the greatest danger if it were lost or disclosed. Only very limited audiences (sometimes just a single person) have access to this information.", "colour":"dark-red" }, { "name":"Restricted", "description":"Only people with a need to know should see Restricted information. Its loss or disclosure would pose a moderate to major risk.", "colour":"orange" }, { "name":"Internal", "description":"Commonly available to all employees. Internal information would pose only a minor risk if the information was lost or disclosed.", "colour":"blue" }, { "name":"Public", "description":"Lowest level of security, data is freely available to the public and employees. Public information requires no special protection.", "colour":"green" }] }</pre>
Response Body			
<pre>{ "levels":[{ "name":"Highly Restricted", "description":"Information presents the greatest danger if it were lost or disclosed. Only very limited audiences (sometimes just a single person) have access to this information.", "colour":"dark-red" }, { "name":"Restricted", "description":"Only people with a need to know should see Restricted information. Its loss or disclosure would pose a moderate to major risk.", "colour":"orange" }, { "name":"Internal", "description":"Commonly available to all employees. Internal information would pose only a minor risk if the information was lost or disclosed.", "colour":"blue" }, { "name":"Public", "description":"Lowest level of security, data is freely available to the public and employees. Public information requires no special protection.", "colour":"green" }] }</pre>			

Get Space Settings

Get the Space Settings for a particular Space.

URL	/rest/api/space/TEST/property/dataclassification (where TEST is the Space Key)
------------	--

Response

```
{
  "key": "dataclassification",
  "value": {
    "enabled": true,
    "restricted": true,
    "force": false,
    "levelRestrictions": [
      {
        "name": "Highly Restricted",
        "users": [ ],
        "groups": [
          "confluence-users"
        ]
      },
      {
        "name": "Restricted",
        "users": [ ],
        "groups": [ ]
      },
      {
        "name": "Internal",
        "users": [ ],
        "groups": [ ]
      },
      {
        "name": "Public",
        "users": [ ],
        "groups": [ ]
      }
    ]
  },
  "version": {
    "when": "2019-03-15T10:31:58.372Z",
    "message": "",
    "number": 5,
    "minorEdit": false,
    "hidden": false
  },
  "_expandable": {
    "space": "/rest/api/space/TEST"
  },
  "_links": {
    "base": "http://localhost:1990/confluence",
    "context": "/confluence"
  }
}
```