

JSON RCS API

Validation of API

There are 2 ways of validation

Password in Json Paket

In this password is sent in json data packet for validation.

Here password is same as shared during account creation with username

This is default configuration.

Validation with access token

In this client needs to send Authorization Bearer Token in header with every request.

The Bearer token is generated via below API request. You will need a client secret code which will be shared by support team.

The client needs to pass username and client secret code in the Authorization header as Basic Authentication (base64 encoded). The username and client secret code should be separated by :

For example, if username is example and client secret code is 124 then Authorization header should be passed as below

Basic ZXhhbXBsZToxMjM0

The validity of this token received in response is 24 hrs and needs to be regenerated with same process

If you need the token generated at 1st instance to never expire you can contact support for the same, in which case you need to only generated the bearer token only once.

End point - <https://web.rcssms.in/api/rcs/accesstoken>

Sending RCS Message with Json Post METHOD 1 (Preferred)

End point url - <https://web.rcssms.in/rcsapi/jsonapi.jsp?apitype=1>

Authorization header should contain bearer token if in case you choose token verification process

[Rich/Basic Sample packet](#)

DATA BODY BELOW

```
{
  "username": "xxxx",
  "password": "xxxx",
  "rcstype": "RICH",
  "rcsid": "xxx",
  "msisdn": "xxxxxxxxxx,xxxxxxxxxx",
  "variables": [
    {
      "var1": "xx",
      "var2": "xx"
```

```

    }
  ],
  "templateid": "xxxxxx"
}

```

CASOUREL SAMPLE PACKET

DATA BODY BELOW

```

{
  "username": "xxxxx",
  "password": "xxxxx",
  "rcstype": " RICHCASOUREL",
  "rcsid": "xxx",
  "msisdn": "xxxxxxxx,xxxxxxxx",
  "variables": [
    {
      "var1": "xx",
      "var2": "xxxxxx"
    },
    {
      "var1": "xxxxxx",
      "var2": "xxxxxx"
    }
  ],
  "templateid": "xxxxxxx"
}

```

Here

username is the username shared at the time of account creation

password is the password shared at the time of account creation. If you are using Authorization via bearer token then password tag is not mandatory

rcstype is the type of template, that is BASIC, RICH, RICHCASOUREL

rcsid is a unique id assigned during account creation of you bot

msisdn is the mobile number, with or without 91. You can enter multiple number upto 500 in a single request comma separated format

var1,var2,var3.....is the name of the variable . its in sequence of the variable in the template.

templateid is the unique id associated with each approved template

Sending RCS Message with Json Post METHOD 2 (passing variable in single tag)

End point url - <https://web.rcssms.in/rcsapi/jsonapi.jsp?apitype=2>

Authorization header should contain bearer token if in case you choose token verification process

Rich/Basic/ RICHCASOUREL [Sample packet](#)

DATA BODY BELOW

```
{
  "username": "xxxxx",
  "password": "xxx",
  "rcstype": "xxxx",
  "rcsid": "xxxx",
  "msisdn": "xxxxxxxxxx,xxxxxxxxxx",
  "variables": ["xxxxxx", "xxxxx", "xxxx", "xxxxx"],
  "templateid": "xxxxxx"
}
```

Here

username is the username shared at the time of account creation

password is the password shared at the time of account creation. If you are using Authorization via bearer token then password tag is not mandatory

rcstype is the type of template, that is BASIC, RICH, RICHCASOUREL

rcsid is a unique id assigned during account creation of you bot

msisdn is the mobile number, with or without 91. You can enter multiple number upto 500 in a single request comma separated format

variables tag contains the value of variable is the template . its in sequence of the variables in the template.

templateid is the unique id associated with each approved template

Sending RCS Message with Json Post (METHOD 3)

End point url - <https://web.rcssms.in/rcsapi/jsonapi.jsp>

Authorization header should contain bearer token if in case you choose token verification process

DATA BODY BELOW

```
{
  "username" : "xxxxx",
  "password" : "xxxx",
  "rcstype" : "xxxx",
```

"rcsid": "xxxx",

```
"msisdn" : "xxxxx",  
"{#variablename#}" : "xxxxx",  
"templateid" : "xxxxx"  
}
```

Here

username is the username shared at the time of account creation

password is the password shared at the time of account creation. If you are using Authorisation via bearer token then password tag is not mandatory

rcstype is the type of template, that is BASIC, RICH, RICHCASOUREL

rcsid is a unique id assigned during account creation of you bot

msisdn is the mobile number, with or without 91. You can enter multiple number upto 500 in a single request comma separated format

{#variablename#} is the name of the variable available in web interface after template approval from operator, for examp if there is a variable in title then it may be like {#tvar1#} or if in description then it will be like {#dvar1#}, you need to provide the content in this variable whatever you want to send

templateid is the unique id associated with each approved template

Response Packet

```
{  
  "data": [  
    {  
      "msgid": "example-20231230133500309785919999999999",  
      "msisdn": "+919999999999"  
    },  
    {  
      "msgid": "example-20231230133500309881919999999998",  
      "msisdn": "+919999999998"  
    }  
  ]  
}
```

DLR PUSH BACK

Client need to share there end point url for sending DLR

ERROR CODE:

13 - invalid json packet

10 - username,password or type or msisdn fields

15 - account validity expired

21 - username doesnot exist or invalid

30- token validity expired

22 - Incorrect Username Password/token

23 - Insufficient credit

24 - incorrect number list

18- templateid not found

TEMPLATE APPROVAL API

End Point URL

<https://web.rcssms.in/rcsapi/rcscreatetemplate.jsp>

BASIC SAMPLE PACKET

```
{
  "username":"xxxx",
  "password":"xxxx",
  "rcstype":"BASIC",
  "rcsid":"xxx",
  "cname": "reference name",
  "description": "Enter description"
}
```

RICH SAMPLE PACKET

```
{
  "username":"xxxxx",
  "password":"xxxx",
  "rcstype":"RICH",
  "rcsid":"xxx",
  "cname": "Enter projectId",
  "media_url": "https://www.gstatic.com/webp/gallery/2.jpg",
  "mediaheight": "Low",
  "cardorientation": "Vertical",
  "title": "Enter title",
  "description": "Enter description",
  "reply": [
    {
      "text": "xxxx"
    },
    {
      "text": "xxxx"
    }
  ],
  "action": [
    {
      "type": "plain_dial",

```

```

        "text": "Enter Text",
        "phonenumber": "Enter number"
    },
    {
        "type": "plain_open_url",
        "text": "Enter Text",
        "url": "Enter number"
    },
    {
        "type": "plain_create_calendar",
        "text": "Enter Text",
        "title": "Enter title",
        "description": "xxxxxx",
        "start_date": "xxxxxxx",
        "end_date": "xxxxxxx"
    },
    {
        "type": "plain_view_location",
        "text": "Enter Text",
        "location": "plain_by_latitude",
        "latitude": "xxxxxx",
        "longitude": "xxxxxxx"
    },
    {
        "type": "plain_view_location",
        "text": "Enter Text",
        "location": "plain_by_query",
        "query_string": "xxxxxx"
    }
]
}

```

CASOUREL SAMPLE PACKET

```

{
    "username": "xxxxx",
    "password": "xxxxx",
    "rcstype": "RICHCASOUREL",
    "rcsid": "xxx",
    "cname": "Enter projectId",

    "cards": [
        {
            "media_url": "https://www.gstatic.com/webp/gallery/2.jpg",
            "card_width": "Low",
            "card_height": "Low",
            "title": "Enter title",
            "description": "Enter description",
            "reply": [
                {
                    "text": "xxxx"
                },
                {
                    "text": "xxxx"
                }
            ]
        }
    ]
}

```

```

    ],
    "action": [
      {
        "type": "plain_dial",
        "text": "Enter Text",
        "phonenumber": "Enter number"
      },
      {
        "type": "plain_open_url",
        "text": "Enter Text",
        "url": "Enter number"
      }
    ]
  },
  {
    "media_url": "https://www.gstatic.com/webp/gallery/3.jpg",
    "card_width": "Low",
    "card_height": "Low",
    "title": "Enter title2",
    "description": "Enter description2",
    "reply": [
      {
        "text": "xxxx"
      },
      {
        "text": "xxxx"
      }
    ],
    "action": [
      {
        "type": "plain_dial",
        "text": "Enter Text",
        "phonenumber": "Enter number"
      },
      {
        "type": "plain_open_url",
        "text": "Enter Text",
        "url": "Enter number"
      }
    ]
  }
]
}

```

ACTION PACKET SAMPLE

```

"action": [
  {
    "type": "plain_dial",
    "text": "Enter Text",
    "phonenumber": "Enter number"
  },

```



```

{
  "type": "plain_open_url",
  "text": "Enter Text",
  "url": "Enter number"
},
{
  "type": "plain_create_calendar",
  "text": "Enter Text",
  "title": "Enter title",
  "description": "xxxxxx",
  "start_date": "xxxxxxx",
  "end_date": "xxxxxxx"
},
{
  "type": "plain_view_location",
  "text": "Enter Text",
  "location": "plain_by_latitude",
  "latitude": "xxxxxx",
  "longitude": "xxxxxxx"
},
{
  "type": "plain_view_location",
  "text": "Enter Text",
  "location": "plain_by_query",
  "query_string": "xxxxxx"
}
]

```

REPLY PACKET SAMPLE

```

"reply": [
  {
    "text": "xxxx"
  },
  {
    "text": "xxxx"
  }
]

```

Description

Where

username shared by us

password shared by us

rcstype – BASIC, RICH, RICHCASOUREL

rcsid shared by us against respective BOT

cname campaign name for reference

media_url is the http/https publicly hosted url of the image/video

mediaheight can be Low,Medium,High

cardorientation can be Vertical, Horizontal

title is the card tile for rich/casourel

description is the card tile for basic/rich/carousel

card_width for carousel only , can be Low,Medium,High
card_height for carousel only , can be Low,Medium,High

RESPONSE OF TEMPLATE APPROVAL API

```
{
  "status": "PENDING",
  "template_type": "RICHCASOUREL",
  "templateid": "7U5QvSVi5e",
  "type": "template_approval"
}
```

APPROVAL STATUS TO BE POSTED ON DLR URL / WEB HOOK

Below sample post data

```
{
  "templateid": "5xtbdfs6",
  "status": "APPROVED"
}
```

SENDING DYNAMIC URL in OPEN URL ACTION BUTTON

Below is the sample JSON packet
BASIC/RICH

```
{
  "username" : "xxxxx",
  "password" : "xxx",
  "rcstype" : "xxxxx",
  "rcsid" : "xxx",
  "msisd" : "xxxxx",
  "templateid" : "xxxxxx",
  "button": [
    {
      "url": "tydbrdge"
    },
    {
      "url": "yunbvg"
    }
  ]
}
```

RICHCASOUREL

```
{
  "username": "xxxx",
  "password": "xxxxx",
  "rcstype": "RICHCASOUREL",
  "rcsid": "xxx",
  "msisd": "xxxxx",
  "templateid": "xxxxxxxx",
  "button": [
    {

```

```

        "url": "thgfdc"
    },
    {
        "url": "thgfdc"
    }
],
[
    {
        "url": "ymklou"
    }
]
]
}

```

MULTIPLE JSON API IN SINGLE PACKET

Sending RCS Message with Json Post METHOD 1 (Preferred)

End point url - <https://web.rcssms.in/rcsapimtpl/jsonapi.jsp?apitype=1>

Authorization header should contain bearer token if in case you choose token verification process

[Rich/Basic Sample packet](#)

DATA BODY BELOW

```

{
  "username": "xxxx",
  "password": "xxxxx",
  "rcsid": "xxxx",
  "messages": [
    {
      "msisdn": "xxxxxx",
      "templateid": "xxxxxx",
      "variables": [
        {
          "var1": "xx",
          "var2": "xx"
        }
      ],
      "button": [
        {
          "url": "xxxxx"
        }
      ]
    },
    {
      "msisdn": "xxxxx",
      "templateid": "xxxxxx",

```

```
    "variables": [
      {
        "var1": "xxxx",
        "var2": "xx"
      }
    ],
    "button": [
      {
        "url": "xxxxxxx"
      }
    ]
  }
]
```

CASOUREL SAMPLE PACKET
DATA BODY BELOW

```
{
  "username": "xxxxx",
  "password": "xxxxx",
  "rcsid": "xxx",
  "messages": [
    {
      "msisdn": "xxxxxxx",
      "variables": [
        {
          "var1": "xx",
          "var2": "xxxxxxx"
        },
        {
          "var1": "xxxxxxx",
          "var2": "xxxxxxx"
        }
      ],
      "templateid": "xxxxxxx"
    },
    {
      "msisdn": "xxxxxxx",
      "variables": [
        {
          "var1": "xx",
          "var2": "xxxxxxx"
        },

```

```

        {
            "var1": "xxxxxx",
            "var2": "xxxxxxx"
        }
    ],
    "templateid": "xxxxxxx"
}
]
}

```

Here

username is the username shared at the time of account creation

password is the password shared at the time of account creation. If you are using Authorization via bearer token then password tag is not mandatory

rcstype is the type of template, that is BASIC, RICH, RICHCASOUREL

rcsid is a unique id assigned during account creation of you bot

msisdn is the mobile number, with or without 91. You can enter multiple number upto 500 in a single request comma separated format

var1,var2,var3.....is the name of the variable . its in sequence of the variable in the template.

templateid is the unique id associated with each approved template

Sending RCS Message with Json Post METHOD 2 (passing variable in single tag)

End point url - <https://web.rcssms.in/rcsapimtpl/jsonapi.jsp?apitype=2>

Authorization header should contain bearer token if in case you choose token verification process

[Rich/Basic/ RICHCASOUREL](#) [Sample packet](#)

DATA BODY BELOW

```

{
    "username": "xxxxx",
    "password": "xxx",
    "rcsid": "xxxx",
    "messages": [
        {
            "msisdn": "xxxxxxxxx",
            "variables": [
                "xxxxxx",
                "xxxxx",
                "xxxx",
            ]
        }
    ]
}

```

```

        "xxxxx"
    ],
    "templateid": "xxxxxx"
},
{
    "msisdn": "xxxxxxxxx",
    "variables": [
        "xxxxxx",
        "xxxxx",
        "xxxx",
        "xxxxx"
    ],
    "templateid": "xxxxxx"
}
]
}

```

Here

username is the username shared at the time of account creation

password is the password shared at the time of account creation. If you are using Authorization via bearer token then password tag is not mandatory

rcstype is the type of template, that is BASIC, RICH, RICHCASOUREL

rcsid is a unique id assigned during account creation of you bot

msisdn is the mobile number, with or without 91. You can enter multiple number upto 500 in a single request comma separated format

variables tag contains the value of variable is the template . its in sequence of the variables in the template.

templateid is the unique id associated with each approved template

Sending RCS Message with Json Post (METHOD 3)

End point url - <https://web.rcssms.in/rcsapimtpl/jsonapi.jsp>

Authorization header should contain bearer token if in case you choose token verification process

DATA BODY BELOW

```

{
    "username": "xxxx",

```

```

"password": "xxxx",
"rcsid": "xxxx",
"messages": [
  {
    "msisdn": "xxxxxx",
    "{#dvar1#}": "xxxx",
    "templateid": "xxxxxx",
    "button": [
      {
        "url": "xxxxxx"
      }
    ]
  },
  {
    "msisdn": "xxxxxx",
    "{#dvar1#}": "xxxx",
    "templateid": "xxxxxx",
    "button": [
      {
        "url": "xxxxxx"
      }
    ]
  }
]
}

```

Here

username is the username shared at the time of account creation

password is the password shared at the time of account creation. If you are using Authorisation via bearer token then password tag is not mandatory

rcstype is the type of template, that is BASIC, RICH, RICHCASOUREL

rcsid is a unique id assigned during account creation of you bot

msisdn is the mobile number, with or without 91. You can enter multiple number upto 500 in a single request comma separated format

{#variablename#} is the name of the variable available in web interface after template approval from operator, for example if there is a variable in title then it may be like {#tvar1#} or if in description

then it will be like {#dvar1#}, you need to provide the content in this variable whatever you want to send

templateid is the unique id associated with each approved template

Response Packet

```
{
  "data": [
    {
      "msgid": "example-20231230133500309785919999999999",
      "msisdn": "+919999999999"
    },
    {
      "msgid": "example-20231230133500309881919999999998",
      "msisdn": "+919999999998"
    }
  ]
}
```