


REST API

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- API
 -
 -
 -
 -
- Web SSO
-

 REST

Yellowfin

REST API/api <https://yellowfin.myapp.com/api/stories>

/api/rpc RPC

API

YELLOWFIN **ts=1600224140615** **nonce=3370ddc4-37d9-41b9-9f24-ada181fdc4bf** **token=securityToken**

YELLOWFIN	
ts	197011000UTCUNIXAPI
nonce	UUID
token	

- API**Accept**
- API
 - endpointAPIapplication/vnd.yellowfin.api-v**1**+json
 - APIv1Yellowfin APIv2

API2

	JSON Web Token (JWT)20API

- API_links
- - href
 - optionsHTTPGETPOSTcommentsDELETE

```
"_links": {
  "menu": {
    "href": "/api/menus/mobile-menu",
    "options": [
      "GET"
    ]
  },
  "self": {
    "href": "/api/stories/fcf269b0-0e14-4d15-919b-712b4143fb70",
    "options": [
      "GET"
    ]
  },
  "comments": {
    "href": "/api/stories/fcf269b0-0e14-4d15-919b-712b4143fb70/comments",
    "options": [
      "GET",
      "POST"
    ]
  },
  "share": {
    "href": "/api/stories/fcf269b0-0e14-4d15-919b-712b4143fb70/content-shares",
    "options": [
      "POST"
    ]
  }
}
```

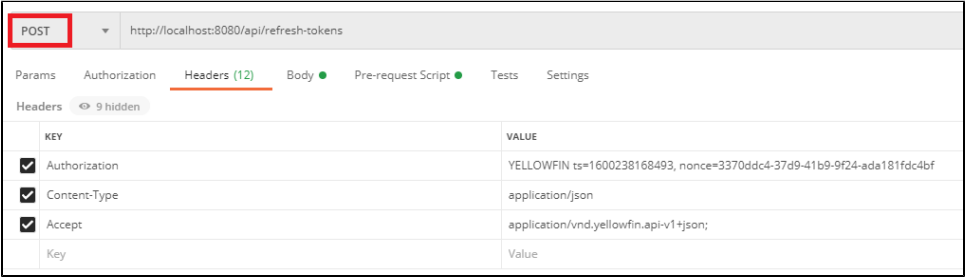
API

REST API

- 1. -
- 2. - REST API
- 3. -
- 4. - REST API

REST endpoint

- 1. HTTPPOSTPOST



- 2. endpointURLURLhttp://yellowfin.myapp.com/api/...IPhttp://127.0.0.1/api/...)http://yellowfin.myapp.com:8080/api/...

- HTTPPOST
- endpointURL
- - token

POST http://localhost:8080/api/access-tokens	
Params Authorization Headers (11) Body Pre-request Script Tests Settings	
Headers 8 hidden	
KEY	VALUE
<input checked="" type="checkbox"/> Authorization	YELLOWFIN ts=1600238721870, nonce=3601cfca-8be5-4c48-bfda-187a0328ca32, token=iCdu/NpJLWFwAfQ158RLI/9mNIYBR28GGUZ49b8N5Zkjrwkf2jFVLmdXQ8mX58CgQhqIM0cCZpz6H5mfqUsU0oEgM6EdIGY11WlvAwYixKfP2EBDDedlhZ8Hj+Mp+QjfNAYr5+uqasKFzWucHEUCVNeTjtO5iy25Jgv1fbauVm4rXy+v8F6gWm++RYMMi8cHHgXWE5suDMCA0JkHbQSWziCN5AQz+qquxwj8MmBXBcJESsZdaG8EW05Fy6ry/dsT/geBMz9A/XEETacBjBTW++1XSkGDyE1a62VVFLE3IWFy9nHftN/ovr1ot874AnMAtSRfpnF9Lzo3BE7ghPHJXA== Refresh Token
<input checked="" type="checkbox"/> Content-Type	
<input checked="" type="checkbox"/> Accept	
Key	

API

POST /refresh-tokens REST APIPOST /refresh-tokens _links

Body Cookies (1) Headers (4) Test Results	
Pretty Raw Preview Visualize JSON	
1 {	
2 "securityToken": "iCdu/NpJLWFwAfQ158RLI/9mNIYBR28GGUZ49b8N5Zkjrwkf2jFVLmdXQ8mX58CgQhqIM0cCZpz6H5mfqUsU0oEgM6EdIG	
3 +RYMMi8cHHgXWE5suDMCA0JkHbQSWziCN5AQz+qquxwj8MmBXBcJESsZdaG8EW05Fy6ry/dsT/geBMz9A/XEETacBjBTW++1XSkGDyE1a62V	
4 "_links": {	Refresh Token
5 "menu": {	
6 "href": "/api/menus/mobile-menu",	
7 "options": [
8 "GET"	
9]	
10 "self": {	
11 "href": "/api/refresh-tokens/100015",	
12 "options": [
13 "DELETE"	
14]	
15 }	
16 },	

selfDELETEDELETE /refresh-tokensREST API

token

DELETE

http://localhost:8080/api/refresh-tokens/100015

Refresh Token ID

ParamsAuthorizationHeaders (10)BodyPre-request ScriptTestsSettings

Headers7 hidden

KEY	VALUE
<input checked="" type="checkbox"/> Authorization	YELLOWFIN ts=1600239485022, nonce=1625c69b-6d52-4cd3-9ebe-0262d99e261f, token=eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJjbGllbnQiOiIxliwicm9sZSI6IiIGQURNSU4iLCJleHAiOiJlMDAyNDAwMjMslRpljoxMDAwMTUsImhhdCI6MTYwMDIzODgyMywicGVyY29uIjoiNSJ9.N-S32lECYLWxM2ulRynjxBisOyk6Dh9S6L45trH75kLMZMrZjuIMLsj6LA9x-fCpFxbwBDH4CFdeZsqZwpPkEpQ
<input checked="" type="checkbox"/> Content-Type	Access Token
<input checked="" type="checkbox"/> Accept	
Key	

BodyCookies (1)Headers (4)Test Results

PrettyRawPreviewVisualizeJSON

```
1 {
2   "_links": {
3     "login": {
4       "href": "/api/refresh-tokens",
5       "options": [
6         "POST"
7       ]
8     }
9   }
10 }
```

API endpointAPI

Web SSO

APIWeb SSOAPI endpointYellowfinRPC endpoint POST / login-tokens/create-ss-token

- HTTPPOSTURL/login-tokens/create-ss-token
-

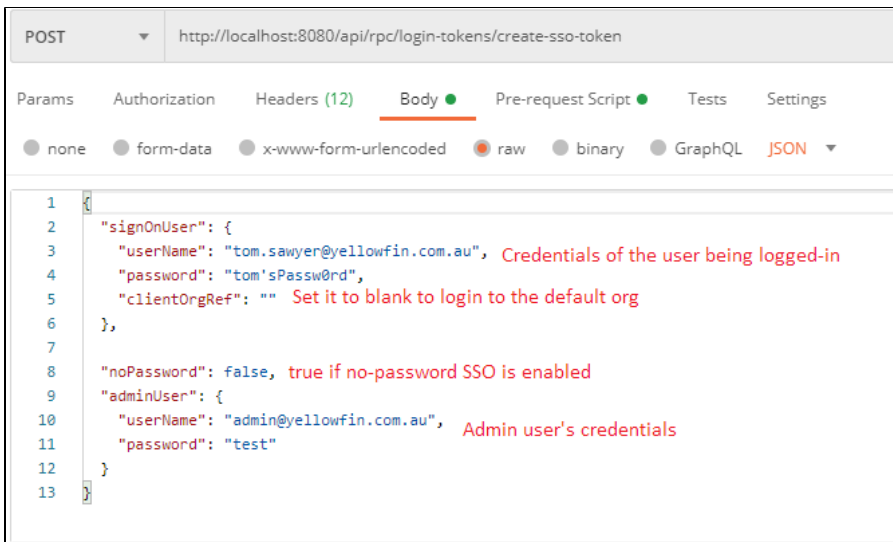
POSThttp://localhost:8080/api/rpc/login-tokens/create-ss-token

ParamsAuthorizationHeaders (12)BodyPre-request ScriptTestsSettings

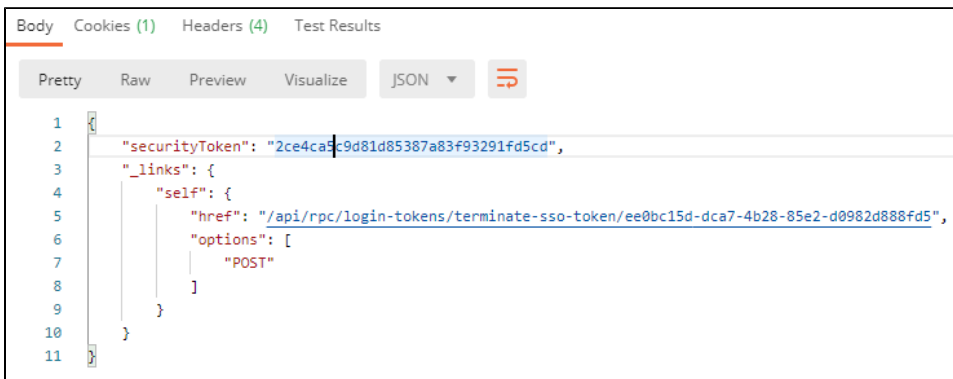
Headers9 hidden

KEY	VALUE
<input checked="" type="checkbox"/> Accept	application/vnd.yellowfin.api-v1+json;
<input checked="" type="checkbox"/> Content-Type	application/json
<input checked="" type="checkbox"/> Authorization	YELLOWFIN ts=1600237189247, nonce=adf269b0-0e34-4d15-919b-512e4143fb71
Key	Value

- JSON



- API endpoint



- Yellowfin Web UIJavaScript API

- - ±5API



- Accept API

GET localhost:8080/api/stories

Params Authorization Headers (10) Body Pre-request Script Tests Settings

Headers 7 hidden

KEY	VALUE
Authorization	YELLOWFIN ts=1600241123844, nonce=d40147ec-b06d-4b28-9363-689c30797ae5
Accept	application/vnd.yellowfin.api-v1+json
Content-Type	application/json
Key	Value

Body Cookies (1) Headers (5) Test Results

Pretty Raw Preview Visualize JSON

```

1 {
2   "code": 400,
3   "reason": "UNKNOWN_VERSION"
4 }

```

- GET /stories/uuidAPI401 Unauthorized error

GET localhost:8080/api/stories/uuidAPI401

Params Authorization Headers (10) Body Pre-request Script Tests Settings

Headers 7 hidden

KEY	VALUE	DESCRIPTION
Authorization	YELLOWFIN ts=1600242505268, nonce=2e3a0f5d-01ed-4c3f-9631-5058a6d10abf, ...	
Accept	application/vnd.yellowfin.api-v1+json	
Content-Type	application/json	
Key	Value	Description

Body Cookies (1) Headers (4) Test Results

Pretty Raw Preview Visualize Text

Status: 401 Unauthorized

- CORS - CORSREST APIWebREST
- SSO - Org ReferencenoPasswordYellowfin

INSERT INTO Configuration values (1, 'SYSTEM', 'SIMPLE_AUTHENTICATION', 'TRUE');

POST http://localhost:8080/api/rpc/login-tokens/create

Params Authorization Headers (12) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw

```

1 {
2   "signOnUser": {
3     "userName": "tom.sawyer@yellowfin.com.au",
4     "password": "tom'sPassw0rd",
5     "clientOrgRef": ""
6   },
7   "noPassword": true,
8   "adminUser": {
9     "userName": "admin@yellowfin.com.au",
10    "password": "test"
11  }
12 }
13

```


- Error 500 Internal Server Error -

REST

Yellowfin