

Sangoma CRM REST API

The Sangoma CRM Rest API Component allows you as an end user to implement the Sangoma CRM module into other implementations that Sangoma does not currently support

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Configuration:

Under Settings, CRM Settings:

CRM Setup

CRM Type [?](#)

RestAPI ▼

The REST API settings have moved HERE and can now be use in conjunction with other drivers.

Under Settings, CRM API Settings:

CRM API Settings

API Enabled [?](#) Yes No

API Token [?](#)

Send WebHooks [?](#) Start End Start and End

[Reset Key](#)

In your CRM API Settings page copy your API Token. This will be passed in the http headers.

Example

```
curl -H "Token:  
deea523f59d507ca7a592320f92faf0132b777b85f032a016c016b124ce6d4c5"  
http://PBXURL/admin/api/sangomacrm/rest/calls/list
```

Example 2

```
$ch = curl_init();  
curl_setopt($ch, CURLOPT_URL, "http://PBXURL/admin/api/sangomacrm/rest/calls  
/list");  
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);  
  
$headers = array(  
    'Token:  
deea523f59d507ca7a592320f92faf0132b777b85f032a016c016b124ce6d4c5'  
);  
curl_setopt($ch, CURLOPT_HTTPHEADER, $headers);  
$output = curl_exec($ch);  
curl_close($ch);  
echo $output ;
```

Example output

GET /users/extension/1000

```
{
  "id": "1",
  "auth": "freepbx",
  "authid": null,
  "username": "1000",
  "description": "Autogenerated user on new device creation",
  "password": "Hidden",
  "default_extension": "1000",
  "primary_group": null,
  "permissions": null,
  "fname": "John",
  "lname": "Smith",
  "displayname": "John Smith",
  "title": "Sales Manager",
  "company": "Acme",
  "department": "Sales",
  "email": "jsmith@acme.com",
  "cell": "6025551212",
  "work": "6025551213",
  "home": "6025551214",
  "fax": "6025551215"
}
```

API Endpoints

Calls

GET /admin/api/sangomacrm/rest/calls/:uuid

Description:

Gets a specific call by Asterisk's Channel UniqueID

Parameters:

uuid - The call id to grab.

Example:

```
curl -X GET \
  -s \
  -H "Token:
bda54107c89ae96e1daa821fa163149cd1cdbc9d2eb077398e2efale9c4489f8" \
  -H "Content-Type: application/json" \
  http://localhost//admin/api/sangomacrm/rest/calls/1551929887.12 |
python -m json.tool
```

GET /admin/api/sangomacrm/rest/calls/list/both[:since][:limit][:offset]

Description:

Gets a list of calls.

Parameters:

since - Calls after unix timestamp in UTC (optional unless setting limit)

limit - The number of records to return. Default 999. (optional unless setting offset)

offset - Starting record. example if your last api call was limit 20 you can set this to 20 to get 21-40 (optional)

Example:

```
curl -X GET \  
-s \  
-H "Token:  
bda54107c89ae96e1daa821fa163149cd1c9bd9d2eb077398e2efale9c4489f8" \  
-H "Content-Type: application/json" \  
http://localhost//admin/api/sangomacrm/rest/calls/list/both | python -m  
json.tool
```

GET /admin/api/sangomacrm/rest/calls/list/inbound[:since][:limit][:offset]

Description:

Gets a list of inbound calls.

Parameters:

See /sangomacrm/calls

Example:

```
curl -X GET \  
-s \  
-H "Token:  
bda54107c89ae96e1daa821fa163149cd1c9bd9d2eb077398e2efale9c4489f8" \  
-H "Content-Type: application/json" \  
http://localhost//admin/api/sangomacrm/rest/calls/list/inbound | python  
-m json.tool
```

GET /admin/api/sangomacrm/rest/calls/list/outbound[:since][:limit][:offset]

Description:

Gets a list of outbound calls.

Parameters:

See /sangomacrm/calls

Example:

```
curl -X GET \  
-s \  
-H "Token:  
bda54107c89ae96e1daa821fa163149cd1cdbc9d2eb077398e2efale9c4489f8" \  
-H "Content-Type: application/json" \  
http://localhost//admin/api/sangomacrm/rest/calls/list/outbound |  
python -m json.tool
```

GET /admin/api/sangomacrm/rest/calls/recording/:uuid

Description:

Get octet stream by Asterisk's Channel UniqueID

Parameters:

uuid - call uuid.

Example:

```
curl -X GET \  
-s \  
-H "Token:  
bda54107c89ae96e1daa821fa163149cd1cdbc9d2eb077398e2efale9c4489f8" \  
http://localhost//admin/api/sangomacrm/rest/calls/recording/1551929887.  
12 | python -m json.tool
```

GET /admin/api/sangomacrm/rest/calls/voicemail/:uuid

Description:

Get octet stream by Asterisk's Channel UniqueID

Parameters:

uuid - call uuid.

Example:

```
curl -X GET \  
-s \  
-H "Token:  
bda54107c89ae96e1daa821fa163149cd1cdbc9d2eb077398e2efale9c4489f8" \  
http://localhost//admin/api/sangomacrm/rest/calls/voicemail/1551929887.  
12 | python -m json.tool
```

Users

GET /admin/api/sangomacrm/rest/users/extension/:extension

Description:

Gets user by extension

Parameters:

extension: the users extension

Example:

```
curl -X GET \  
-s \  
-H "Token: \  
bda54107c89ae96e1daa821fa163149cd1cdbc9d2eb077398e2efale9c4489f8" \  
-H "Content-Type: application/json" \  
http://localhost//admin/api/sangomacrm/rest/users/extension/1000 | \  
python -m json.tool
```

GET /admin/api/sangomacrm/rest/users/id/:id

Description:

Gets a user by their userman id.

Parameters:

id: Userman id.

Example:

```
curl -X GET \  
-s \  
-H "Token: \  
bda54107c89ae96e1daa821fa163149cd1cdbc9d2eb077398e2efale9c4489f8" \  
-H "Content-Type: application/json" \  
http://localhost//admin/api/sangomacrm/rest/users/id/1 | python -m json. \  
tool
```

Webhooks

GET /admin/api/sangomacrm/rest/webhooks/:[inbound|outbound|id]

Description:

Get webhooks by type or id. If you don't pass a direction or all will be returned.

Example:

```
curl -X GET \  
-s \  
-H "Token:  
bda54107c89ae96e1daa821fa163149cd1c9bd9d2eb077398e2efale9c4489f8" \  
-H "Content-Type: application/json" \  
http://localhost/admin/api/sangomacrm/rest/webhooks/both | python -m  
json.tool
```

POST /admin/api/sangomacrm/rest/webhooks/

Description:

Add a webhook

Parameters:

url: required. The url to post to.

direction: inbound, outbound or both

Example:

```
curl -X POST \  
-s \  
-H "Token:  
bda54107c89ae96e1daa821fa163149cd1c9bd9d2eb077398e2efale9c4489f8" \  
-H "Content-Type: application/json" \  
-d '{"url":"http://postb.in/<postbin_code>","direction":"both"}' \  
http://localhost/admin/api/sangomacrm/rest/webhooks | python -m json.  
tool
```

PATCH /admin/api/sangomacrm/rest/webhooks/:id

Description:

Update a webhook

Parameters:

url: required. The url to post to.

direction: inbound, outbound or both

Example:

```
curl -X PATCH \  
-s \  
-H "Token:  
bda54107c89ae96e1daa821fa163149cd1c9bd9d2eb077398e2efale9c4489f8" \  
-H "Content-Type: application/json" \  
-d '{"url":"http://postb.in/newurl","direction":"both"}' \  
http://localhost/admin/api/sangomacrm/rest/webhooks/1 | python -m json.  
tool
```

DELETE /admin/api/sangomacrm/rest/webhooks/:id

Description:

Delete webhook

Example:

```
curl -X DELETE \  
  -s \  
  -H "Token:  
bda54107c89ae96e1daa821fa163149cd1c9bd9d2eb077398e2efale9c4489f8" \  
  -H "Content-Type: application/json" \  
  http://localhost/admin/api/sangomacrm/rest/webhooks/2 | python -m json.  
tool
```