

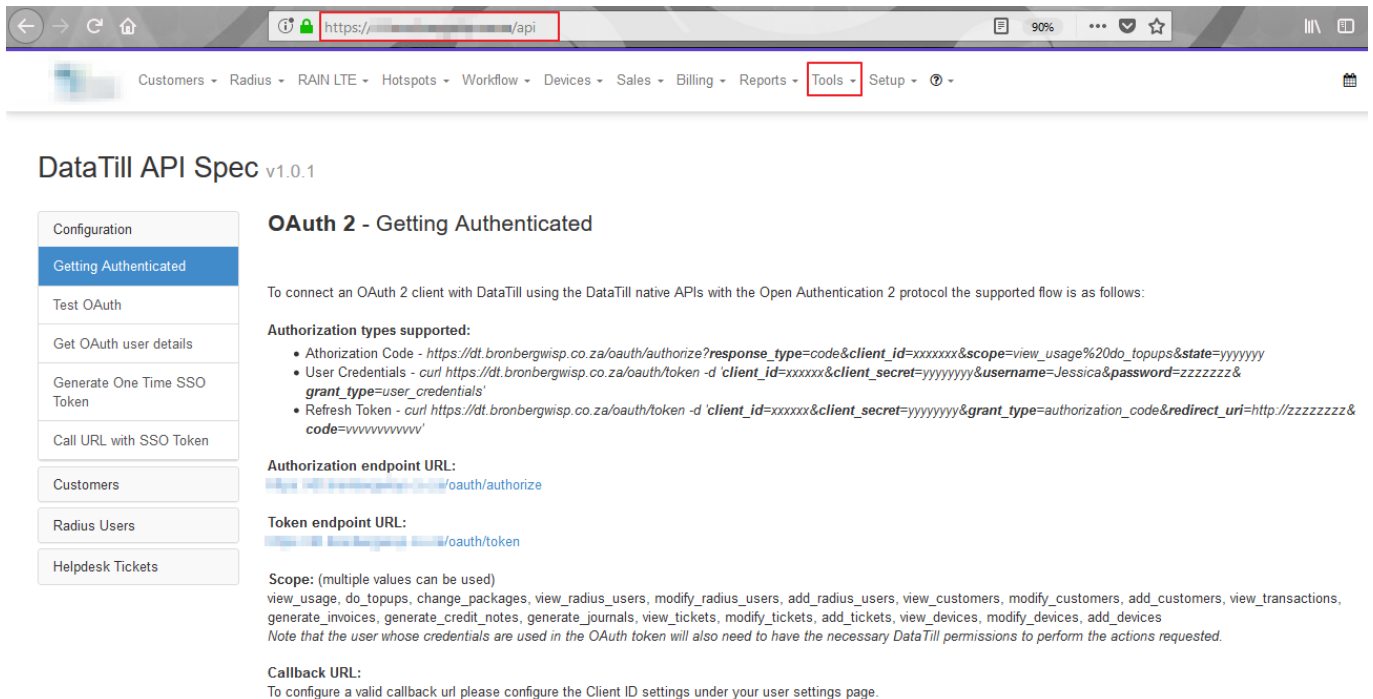
HeroTill has added an OAuth 2 compliant API.

This API can be used for any third party integration.

There is a few customer, radius and helpdesk calls already available and we will add a few more API calls in the near future.

To view the new API, Got to Tools -> API

OR `yourinstance/api`



Customers ▾ Radius ▾ RAIN LTE ▾ Hotspots ▾ Workflow ▾ Devices ▾ Sales ▾ Billing ▾ Reports ▾ **Tools ▾** Setup ▾ ⓘ ▾

DataTill API Spec v1.0.1

- Configuration
- Getting Authenticated**
- Test OAuth
- Get OAuth user details
- Generate One Time SSO Token
- Call URL with SSO Token
- Customers
- Radius Users
- Helpdesk Tickets

OAuth 2 - Getting Authenticated

To connect an OAuth 2 client with DataTill using the DataTill native APIs with the Open Authentication 2 protocol the supported flow is as follows:

Authorization types supported:

- Authorization Code - `https://dt.bronbergwisp.co.za/oauth/authorize?response_type=code&client_id=xxxxxx&scope=view_usage%20do_topups&state=yyyyyyyy`
- User Credentials - `curl https://dt.bronbergwisp.co.za/oauth/token -d 'client_id=xxxxxx&client_secret=yyyyyyyy&username=Jessica&password=zzzzzz&grant_type=user_credentials'`
- Refresh Token - `curl https://dt.bronbergwisp.co.za/oauth/token -d 'client_id=xxxxxx&client_secret=yyyyyyyy&grant_type=authorization_code&redirect_uri=http://zzzzzzzz&code=vvvvvvvvvv'`

Authorization endpoint URL:
`https://dt.bronbergwisp.co.za/oauth/authorize`

Token endpoint URL:
`https://dt.bronbergwisp.co.za/oauth/token`

Scope: (multiple values can be used)
view_usage, do_topups, change_packages, view_radius_users, modify_radius_users, add_radius_users, view_customers, modify_customers, add_customers, view_transactions, generate_invoices, generate_credit_notes, generate_journals, view_tickets, modify_tickets, add_tickets, view_devices, modify_devices, add_devices
Note that the user whose credentials are used in the OAuth token will also need to have the necessary DataTill permissions to perform the actions requested.

Callback URL:
To configure a valid callback url please configure the Client ID settings under your user settings page.

Example of one of the API calls:

DataTill API Spec v1.0.1

Configuration
Customers
Radius Users
Helpdesk Tickets
Get Helpdesk Ticket List
Get Helpdesk Ticket Details
Get Helpdesk Category List
Add a Helpdesk Ticket
Add a Helpdesk Ticket Attachment
Remove a Helpdesk Ticket Attachment
Add a Helpdesk Ticket Note

/add_helpdesk_ticket - Add a new helpdesk ticket

Description	Add a new Helpdesk Ticket																									
URL	[base url]/api/v1/add_helpdesk_ticket																									
Method	GET or POST (Note: POST is much more secure and does not potentially expose parameters)																									
Parameters	<table border="1"> <tr> <td>access_token</td> <td>valid OAuth 2 access token *</td> <td>Mandatory</td> </tr> <tr> <td>customer_id</td> <td>id of the customer to assign the new ticket to *</td> <td>Mandatory</td> </tr> <tr> <td>ticket_title</td> <td>ticket title</td> <td>Mandatory</td> </tr> <tr> <td>ticket_description</td> <td>ticket description</td> <td>Mandatory</td> </tr> <tr> <td>department_id</td> <td>a valid ticket department id, which must match the predefined list of ticket department ids</td> <td>Mandatory</td> </tr> <tr> <td>category_id</td> <td>a valid ticket category id, which must match the predefined list of ticket category ids</td> <td>Mandatory</td> </tr> <tr> <td>file_link_id</td> <td>file link id to link already uploaded attachments to this new ticket</td> <td></td> </tr> <tr> <td>admin_only</td> <td>'yes' to set this ticket to admin only, ie. invisible to the customer. Default value if omitted is 'no'</td> <td></td> </tr> </table>	access_token	valid OAuth 2 access token *	Mandatory	customer_id	id of the customer to assign the new ticket to *	Mandatory	ticket_title	ticket title	Mandatory	ticket_description	ticket description	Mandatory	department_id	a valid ticket department id, which must match the predefined list of ticket department ids	Mandatory	category_id	a valid ticket category id, which must match the predefined list of ticket category ids	Mandatory	file_link_id	file link id to link already uploaded attachments to this new ticket		admin_only	'yes' to set this ticket to admin only, ie. invisible to the customer. Default value if omitted is 'no'		
access_token	valid OAuth 2 access token *	Mandatory																								
customer_id	id of the customer to assign the new ticket to *	Mandatory																								
ticket_title	ticket title	Mandatory																								
ticket_description	ticket description	Mandatory																								
department_id	a valid ticket department id, which must match the predefined list of ticket department ids	Mandatory																								
category_id	a valid ticket category id, which must match the predefined list of ticket category ids	Mandatory																								
file_link_id	file link id to link already uploaded attachments to this new ticket																									
admin_only	'yes' to set this ticket to admin only, ie. invisible to the customer. Default value if omitted is 'no'																									
Notes	* The access token can be supplied as a url parameter or as an authorization header with bearer prefix. The user associated with the access token will need to have permission to access the relevant customer ticket details. If the user does not have the required permissions then only the user's own customer tickets can be retrieved.																									