Snapforce.com

Developers - Snapforce CRM RESTful API

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API Overview

Welcome, Snapforce Developer

This documentation provides a complete overview for developing your own integrations with Snapforce CRM. We explain the many uses other organizations use our API for, and discuss popular workflows. This documentation also explores the available methods at your disposal and real world code examples you can use to get your integration going.

Many customers want to utilize the Snapforce API to keep their data in sync with a proprietary application they are running, or to share data with a third-party service they are using, but whatever the reason – there are many useful ways to programmatically integrate your CRM.

Getting Started

To get started, simply create your API access tokens inside Snapforce under the Developers page in your Administrator Setup area. You can create your initial access token and refresh it as often as needed. Once you complete that, the fun part begins – dive into the Snapforce API Documentation over the following pages and begin building your integrations!

Common API Workflows - Introduction

Snapforce CRM provides a RESTful web API, or “Application Programming Interface”, so customers can programmatically control all aspects of their data; inserts, updates, deletes, syncing etc. The only time you will need to use this API is if you are integrating another system, whether it be your company's proprietary systems, your erp, accounting software etc. Less commonly, users may wish to manipulate their CRM's data from an external application, like an Ipad or their users mobile devices. Additionally, the Snapforce API architecture always allows for you to make calls to your CRM, there is no limit on the amount of usage the API can be utilized for. The Snapforce culture believes that our customers should be able to access their data easily and however they wish, we do not believe in charging our users to access their data or make it difficult to do so.

API Overview (continued)

The API in total contains over a half dozen calls that can be made and allows for filtered logic to be passed via the calls as well, which helps you (the programmer) to receive only the data you want and not have to manually parse and write a large amount of additional code to retreive the data you sought out in the first place to obtain. Most users of the API use only a few of the primary functions when implementing their integrations, and when they use these core functions in certain processes it can allow for a very robust workflow.

The remainder of this documentation walks you through the common workflows and gives PHP implementation examples.

If you are looking to quickly get your feet wet and setup a simple but useful integration we detail two of the most widely used API workflows below. In the two examples you will find code samples, syntax specifics, and explanatory information about both of these common workflows. If you are programming a much deeper or complex integration than feel free to skip the below “Primary Worfklows” section and move on to the API Calls documentation.

Primary Workflows - Workflow #1

The first workflow you may wish to implement is the “fetchRecords()” flow, which is simple and useful if you need to pull data out of Snapforce.

With the “fetchRecords()” flow you can (as an example) pull a list of Accounts, or a list of your newest leads, etc. This is one of the most widely used and basic processes of the API. An example of implementation using the PHP programming language can be found below.

API Overview - Workflow #1

```
/*
 * Snapforce Workflow #1 - fetchRecords()
 */
// This page uses cURL to post data to your Snapforce CRM.

// Identify the URL:
$url = 'https://industry.snapforce.com/sf_receive_request.inc.php';

// Start the process:
$curl = curl_init($url);

$fetchRecords = 'format=xml&api_user=API User&api_key=API Key&module=Leads&status=Active&me
thod=fetchRecords';

// Tell cURL to fail if an error occurs:
curl_setopt($curl, CURLOPT_FAILONERROR, 1);

// Allow for redirects:
curl_setopt($curl, CURLOPT_FOLLOWLOCATION, 1);

// Assign the returned data to a variable:
curl_setopt($curl, CURLOPT_RETURNTRANSFER, 1);

// Set the timeout:
curl_setopt($curl, CURLOPT_TIMEOUT, 5);

// Use POST:
curl_setopt($curl, CURLOPT_POST, 1);

// Set the POST data:
curl_setopt($curl, CURLOPT_POSTFIELDS, $fetchRecords);

// Execute the transaction:
$r = curl_exec($curl);

// Close the connection:
curl_close($curl);
```

API Overview - Workflow #2

Primary Workflows - Workflow #2

The second workflow you may wish to implement is the “insertRecords()” flow, which is simple and useful if you need to push a lot of data into Snapforce.

With the “insertRecords()” flow you can (as an example) pull of the orders for the day out of your accounting system and insert them into your CRM system. This is one of the most widely used and basic processes of the API. See the correct XML structure for sending an insertRecords() request via the API.

See full code example for Workflow #2 on next page:

API Overview - Workflow #2


```
<leads>
  <lead category='<the lead id of the record you are inserting>'>
      <lead_id>Lead Id</lead_id>
      <type>Type</type>
      <owner>Owner</owner>
      <prefix>Prefix</prefix>
      <last_name>Last Name</last_name>
      <title>Contact Title</title>
      <company>Company</company>
      <phone>Phone</phone>
      <fax>Fax</fax>
      <status>Status</status>
      <industry>Industry</industry>
      <country>Country</country>
      <address>Address</address>
      <city>City</city>
      <state>State</state>
      <postal_code>Postal code</postal_code>
      <lat>Latitude</lat>
      <lng>Longitude</lng>
      <email>Email</email>
      <website>Website</website>
      <username>Username</username>
      <lead_source>Lead Source</lead_source>
      <score>Lead score</score>
      <sm_facebook>Facebook page</sm_facebook>
      <sm_twitter>Twitter page</sm_twitter>
      <sm_google>Google+ page</sm_google>
      <sm_linkedin>LinkedIn page</sm_linkedin>
      <custom_field1>Custom Field #1</custom_field1>
      <custom_field2>Custom Field #2</custom_field2>
      <custom_field3>Custom Field #3</custom_field3>
      <custom_field4>Custom Field #4</custom_field4>
      <custom_field5>Custom Field #5</custom_field5>
      <custom_field6>Custom Field #6</custom_field6>
      <custom_field7>Custom Field #7</custom_field7>
      <custom_field8>Custom Field #8</custom_field8>
      <custom_field9>Custom Field #9</custom_field9>
      <custom_field10>Custom Field #10</custom_field10>
      <custom_field11>Custom Field #11</custom_field11>
      <custom_field12>Custom Field #12</custom_field12>
      <custom_field13>Custom Field #13</custom_field13>
      <custom_field14>Custom Field #14</custom_field14>
      <custom_field15>Custom Field #15</custom_field15>
  </lead>
```

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API Authentication

Authenticating

To get started, simply create your API access tokens inside Snapforce under the Developers page in your Administrator Setup area. You can create your initial access token and refresh it as often as needed. Once you complete that, the fun part begins – dive into the Snapforce API Documentation over the following pages and begin building your integrations!

Your API access token can be refreshed as often as you need, to refresh your token follow the steps below:

1. Login to Snapforce and navigate to the **User Icon** located on the top navigation bar.
2. Select the **Setup** option.
3. Once on the homepage of the Setup area navigate to the sidebar navigation and select **Developers**
4. Than select **API**
5. Click the button that says **Set API Key**
6. Your all done, your API authentication token has been reset. Make sure you update all scripts that are using the old token before attempting to use the API again.

Notes: *The API authentication token and username should not be shared with anyone. Be sure to store these values securely and change the token regularly to further strengthen the security of your account.*

Example

```
format=xml&api_user=API User&api_key=API Key&module=Leads&method=fetchMyRecords&owner=User Id
```

API - Methods

Method Name	Description
fetchRecords	Retrieve all records that match the parameters specified in the API call.
fetchMyRecords	Retrieve all records for a specified user that match the parameters specified in the API call.
fetchRecordById	Retreive an individual record specified by the record ID specified in the API call.
insertRecords	Insert records for a given module specified in the API call.
updateRecords	Modify records for a given module specified in the API call.
searchRecords	Search for the records matching the string sent by the API call.
deleteRecords	Delete records for a given module specified in the API call.
fetchRelatedRecords	Retrieve records associated to a primary module.
fetchUsers	Retrieve the users in your organization.

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API - Modules

Module Name	API Format
Leads	Leads
Accounts	Accounts
Contacts	Contacts
Opportunities	Opportunities
Cases	Cases
Products	Products
Orders	Orders
Events	Events
Tasks	Tasks
Calls	Calls

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API - Fields: Leads Module

Field Name	API Format	Description	Data Type	Maximum Limit
Record Type	type	The type of record.	Text box	Alphanumeric(25)
Lead Owner	owner	The Snapforce CRM user for whom the lead is assigned.	Lookup	-
Prefix	prefix	The prefix preceding the lead's name.	Pick list	-
First Name	first_name	The first name of the lead.	Text box	Alphanumeric(50)
Last Name	first_name	The last name of the lead.	Text box	Alphanumeric(80)
Company Name	company	The company name of the lead.	Text box	Alphanumeric(100)
Title	title	The lead contact's title.	Text box	Alphanumeric(100)

API - Fields: Leads Module

Field Name	API Format	Description	Data Type	Maximum Limit
Lead Source	lead_source	The source of where the lead was generated.	Pick list	-
Industry	industry	The industry of which the lead belongs.	Pick list	-
Phone	phone	The phone number of the lead.	Text box	Alphanumeric(30)
Fax	fax	The fax number of the lead.	Text box	Alphanumeric(30)
Email	email	The email address of the lead.	Email	Alphanumeric and Special Characters(100)
Lead Status	status	The status of the lead.	Pick list	-
Website	website	The website of the lead.	URL	Alphanumeric(120)

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API - Fields: Leads Module

Field Name	API Format	Description	Data Type	Maximum Limit
Lead Score	lead_score	The score/rating of the lead.	Pick list	-
Address	address	The address of the lead.	Text box	Alphanumeric(250)
City	city	The city of the lead.	Text box	Alphanumeric(30)
State	state	The state of the lead.	Text box	Alphanumeric(30)
Postal Code	postal_code	The postal code of the lead.	Text box	Alphanumeric(30)
Country	country	The country of the lead.	Text box	Alphanumeric(30)
Latitude	latitude	The latitude of the lead's address.	Decimal	Decimal(16,2)
Longitude	Longitude	The longitude of the lead's address.	Decimal	Decimal(16,2)

API - Fields: Leads Module

Field Name	API Format	Description	Data Type	Maximum Limit
Notes	notes	The quick notes of the lead. This is not the same as Record Notes.	Text Area (long text)	5000 characters
Date Created	date_created	The date the lead was created.	Date	-
Date Last Modified	date_last_modified	The date the lead was last modified.	Date/Time	-
Username	username	The username of the Snapforce CRM user who created the lead.	Email	Alphanumeric and Special Character (125)
Facebook Page	facebook_page	The facebook page of the lead.	Text box	Alphanumeric(100)
Twitter Page	twitter_page	The twitter page of the lead.	Text box	Alphanumeric(100)
Google+ Page	google_page	The google+ page of the lead.	Text box	Alphanumeric(100)

API - Fields: Leads Module

Field Name	API Format	Description	Data Type	Maximum Limit
Linkedin Page	linkedin_page	The linkedin page of the lead.	Text box	Alphanumeric(100)
Custom Field 1-100	customfield1 - customfield100	The custom field(s) your administrator arbitrarily created.	Specified by your administrator.	Specified by your administrator.

API - Fields: Accounts Module

Field Name	API Format	Description	Data Type	Maximum Limit
Record Type	type	The type of record.	Text box	Alphanumeric(25)
Account Owner	owner	The Snapforce CRM user for whom the account is assigned.	Lookup	-
Account Name*	account_name*	The name of the account.	Text box	Alphanumeric(100)
Website	website	Specify the URL of the company's Web site.	URL	Alphanumeric(30)
Parent Account	parent_account	Select the parent company name from the Change pop-up dialog.	Lookup	
Employees	employees	Specify the number of employees in account's company.	Numeric	Integers(10)

API - Fields: Accounts Module

Field Name	API Format	Description	Data Type	Maximum Limit
Industry	industry	Select the type of industry from the drop-down list.	Pick list	-
Account Type	account_type	Select the type of account from the drop-down list.	Pick list	-
Phone	phone	Specify phone number of the account.	Text box	Alphanumeric(30)
Fax	fax	Specify fax number of the account.	Text box	Alphanumeric(30)
E-mail	email	Specify the official E-mail address of the account.	E-mail	Alphanumeric and Special characters(100)

API - Fields: Accounts Module

Field Name	API Format	Description	Data Type	Maximum Limit
Billing Address • Street • City • State • Code • Country	Billing Address • billing_street • billing_city • billing_state • billing_postal_code • billing_country	Specify the billing address of the account to send the quotes, invoices, and other agreements.	• Street - Text box • City - Text box • State - Text box • Code - Text box • Country- Text box	• Alphanumeric(250) • Alphanumeric(30) • Alphanumeric(30) • Alphanumeric(30) • Alphanumeric(30)
Shipping Address • Street • City • State • Code • Country	Shipping Address • shipping_street • shipping_city • shipping_state • shipping_postal_code • shipping_country	Specify the shipping address of the account to deliver the shipment.	• Street - Text box • City - Text box • State - Text box • Code - Text box • Country - Text box	• Alphanumeric(250) • Alphanumeric(30) • Alphanumeric(30) • Alphanumeric(30) • Alphanumeric(30)

API - Fields: Accounts Module

Field Name	API Format	Description	Data Type	Maximum Limit
Description	description	A quick description about the account.	Text area (long text)	5000 characters
Notes	notes	Internal notes about the account.	Text area (long text)	5000 characters
Custom Field 1-100	customfield1 - customfield100	The custom field(s) your administrator arbitrarily created.	Specified by your administrator.	Specified by your administrator.

API - Fields: Contacts Module

Field Name	API Format	Description	Data Type	Maximum Limit
Contact Owner	owner	Select the Snapforce CRM user to whom the contact is assigned.	Lookup	-
Prefix	prefix	Select the Prefix of the contact, such as Mr., Ms, Mrs., or others.	Pick list	
First Name	first_name	Specify the first name of the contact.	Text box	Alphanumeric(40)
Last Name*	last_name*	Specify the last name of the contact. This field is mandatory.	Text box	Alphanumeric(40)
Company Name	company	Select the account related to the contact.	Lookup	-
Title	title	Specify the job position of the contact.	Text box	Alphanumeric(50)

API - Fields: Contacts Module

Field Name	API Format	Description	Data Type	Maximum Limit
Contact Owner	owner	Select the Snapforce CRM user to whom the contact is assigned.	Lookup	-
Prefix	prefix	Select the Prefix of the contact, such as Mr., Ms, Mrs., or others.	Pick list	
First Name	first_name	Specify the first name of the contact.	Text box	Alphanumeric(40)
Last Name*	last_name*	Specify the last name of the contact. This field is mandatory.	Text box	Alphanumeric(40)
Company Name	company	Select the account related to the contact.	Lookup	-
Title	title	Specify the job position of the contact.	Text box	Alphanumeric(50)

API - Fields: Contacts Module

Field Name	API Format	Description	Data Type	Maximum Limit
Department	department	Specify the department of the contact.	Text box	Alphanumeric(30)
Date of Birth	date_of_birth	Specify the birthday of the contact.	Date	-
Reports To	reports_to	Select the person to whom the contact reports	Text area	255 characters
Phone	phone	Specify the office phone number of the contact.	Text box	Alphanumeric(50)
Mobile	mobile	Specify the mobile number of the contact.	Text box	Alphanumeric(50)
Home Phone	home_phone	Specify the home phone number of the contact.	Text box	Alphanumeric(50)

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API - Fields: Contacts Module

Field Name	API Format	Description	Data Type	Maximum Limit
Fax	fax	Specify the Fax number of the contact.	Text box	Alphanumeric(50)
Email	email	Specify the primary email address of the contact.	Email	Alphanumeric(100)
Mailing Address • Street • City • State • Zip • Country	Mailing Address • address • city • state • postal_code • country	Specify the primary address of the contact.	• Street - Text box • City - Text box • State - Text box • Code - Text box • Country- Text box	• Alphanumeric(250) • Alphanumeric(30) • Alphanumeric(30) • Alphanumeric(30) • Alphanumeric(30)
Custom Field 1-100	customfield1 - customfield100	The custom field(s) your administrator arbitrarily created.	Specified by your administrator.	Specified by your administrator.

API - Fields: Opportunities Module

Field Name	API Format	Description	Data Type	Maximum Limit
Opportunity Owner	owner	Select the name of the user to whom the opportunity is assigned.	Lookup	
Opportunity Name*	opportunity_name*	Specify name of the opportunity. This field is mandatory.	Text box	Alphanumeric(120)
Account Id*	account_id*	Select the unique id number of the account. This field is mandatory.	Lookup	-
Type	type	Select the type of opportunity; New Business or Existing Business.	Pick list	-
Lead Source	lead_source	The lead source from where the opportunity was generated.	Pick list	-
Contact Id	contact_id	Select the unique id number of the contact.	Lookup	

API - Fields: Opportunities Module

Field Name	API Format	Description	Data Type	Maximum Limit
Amount	amount	The amount of revenue expected to be generated from closing the opportunity.	Currency	
Closing Date*	closing_date*	The expected close date. This field is mandatory.	Date format	-
Next Step	next_step	Specify the next step of the sales process.	Text box	Alphanumeric(100)
Stage*	stage*	The sales stage which the opportunity is currently in.	Pick list	-
Probability	probability	Specify the probability of closing the opportunity.	Number	
Description	description	The details about opportunity.	Text area (long text)	5000 characters

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API - Fields: Opportunities Module

Field Name	API Format	Description	Data Type	Maximum Limit
Custom Field 1-100	customfield1 - customfield100	The custom field(s) your administrator arbitrarily created.	Specified by your administrator.	Specified by your administrator.

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API - Fields: Orders

Field Name	API Format	Description	Data Type	Maximum Limit
Order Owner	owner	Select the name of the user to whom the order is assigned.	Lookup	
Order Number	order_number	Display the case ID after creating a solution	Numeric	16 digit
Account Name*	account*	Specify the account name to which the order is created for. This field is mandatory	Lookup	-
Status	Status	Specify the order status.	Lookup	-
Billing Address • Street • City • State • Zip • Country	Billing Address • billing_street • billing_city • billing_state • billing_postal_code • billing_country	Specify the primary address of the contact.	• Street - Text box • City - Text box • State - Text box • Code - Text box • Country- Text box	• Alphanumeric(250) • Alphanumeric(30) • Alphanumeric(30) • Alphanumeric(30) • Alphanumeric(30)

API - Fields: Orders

Field Name	API Format	Description	Data Type	Maximum Limit
Shipping Address • Street • City • State • Zip • Country	Shipping Address • shipping_street • shipping_city • shipping_state • shipping_postal_code • shipping_country	Specify the shipping address of the contact (if any).	• Street - Text box • City - Text box • State - Text box • Code - Text box • Country - Text box	• Alphanumeric(250) • Alphanumeric(30) • Alphanumeric(30) • Alphanumeric(30) • Alphanumeric(30)
Product Id	product_id	The unique id number of the product product name.	Lookup	-
Quantity*	quantity*	Specify the quantity for which the sales order has to be generated. This field is mandatory	Numeric	Integers
Unit Price*	unit_price*	Displays the unit price of the product.	Currency	

API - Fields: Orders

Field Name	API Format	Description	Data Type	Maximum Limit
List Price*	list_price*	Select the product list price from Price Book or specify the product price. This field is mandatory	Lookup and Numeric	Integers
Total	total	Displays the amount of the selected products.	Currency	-
Terms & Conditions	terms	Specify the terms and conditions of the order.	Text area	

API - Fields: Tasks

Field Name	API Format	Description	Data Type	Maximum Limit
Task Owner	owner	The name of the user to whom the task is assigned.	Lookup	
Title*	title*	The name of the task. This field is mandatory.	Text box	Alphanumeric (50)
Due Date	due_date	The due date for the task.	Date	
Due Time	due_time	The time the task is due.	Time	
Related To	Accounts/Contacts/Leads	Select the related to record.	Lookup	
Completed Date	completed_date	The date the task was completed.	Date	-
Completed Time	completed_time	The time the task was completed.	Time	-

API - Fields: Tasks

Field Name	API Format	Description	Data Type	Maximum Limit
Completed Notes	completed_notes	Notes about how the task was completed.	Text Area	5000 (Long Text)
Priority	priority	The priority level of the task.	Pick list	-
Description	description	The task description.	Text area (long text)	32000 characters
Comments	comments	The task comments.	Text area (long text)	32000 characters

API - Fields: Events

Field Name	API Format	Description	Data Type	Maximum Limit
Event Owner	owner	The user to whom the event is assigned.	Lookup	
Subject*	subject*	The name or subject of the event. This field is mandatory.	Text box	Alphanumeric(50)
Start Date*	start_date*	The date when the event will be started. This field is mandatory.	Date	
End Date*	end_date*	The date when the event will be started. This field is mandatory.	Date	
Start Time*	start_time*	The time when the event will be started. This field is mandatory.	Time	
End Time *	end_time*	Specify the time when the event will be over. This field is mandatory.	Time	

API - Fields: Events

Field Name	API Format	Description	Data Type	Maximum Limit
Venue	venue	Enter the venue for the event	Text	
Related To	Accounts/Contacts/Leads	Select the related record	Lookup	
Send Notification Email	reminder	Check the box to send notification email to the event owner	Check box	
Remind At	remind_at	Check the box to set reminder for the event	Check box	
Recurring Activity	recurring	Check the box to mark it as a recurring activity	Check box	-
Description	description	The details about the event	Text area (long text)	5000 characters

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API - Fields: Calls

Field Name	API Format	Description	Data Type	Maximum Limit
Call Type*	call_type*	Specify the type of the call; inbound or outbound. This field is mandatory.	Pick list	-
Call Reason	call_reason	Select the reason of the call	Pick List	
Call From/To	Call From/To	Specify who the call is from or who the call is to.		-
Related To	Related To	Select the record to which the call is related to	Pick List	-
Call Notes	call_notes	Enter notes about the details of the call.	Text area (long text)	5000 characters
Call Duration	duration	Specify the duration of the call, in seconds.	Integer	
Call Result	call_result	Enter the result of the call.	Pick List	

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API - Error Messages

Error Code	Description
2000	Please use Authtoken, instead of API ticket and APIkey.
2100	Internal server error while processing this request.
2200	API Key is inactive.
2300	This module is not supported in your edition.
2400	Required field missing.
2500	Incorrect API parameter or API parameter value. Also check the method name and/or spelling errors in the API url.
2600	Delete records for a given module specified in the API call.
2700	Missing parameters error.
2800	Text value given for an Integer field.
2900	XML parsing error.
3000	Wrong API Key.

API - Example #1: Fetch All Active Records From The Leads Module

Method	fetchRecords()
Programming Language	N/a
Prerequisite	N/a

```
/*
 * Snapforce Workflow #1 - fetchRecords()
 */
// This page uses cURL to post data to your Snapforce CRM.

// Identify the URL:
$url = 'https://industry.snapforce.com/sf_receive_request.inc.php';

// Start the process:
$curl = curl_init($url);

$fetchRecords = 'format=xml&api_user=API User&api_key=API Key&module=Leads&status=Active&me
thod=fetchRecords';

// Tell cURL to fail if an error occurs:
curl_setopt($curl, CURLOPT_FAILONERROR, 1);

// Allow for redirects:
curl_setopt($curl, CURLOPT_FOLLOWLOCATION, 1);

// Assign the returned data to a variable:
curl_setopt($curl, CURLOPT_RETURNTRANSFER, 1);

// Set the timeout:
curl_setopt($curl, CURLOPT_TIMEOUT, 5);

// Use POST:
curl_setopt($curl, CURLOPT_POST, 1);

// Set the POST data:
curl_setopt($curl, CURLOPT_POSTFIELDS, $fetchRecords);

// Execute the transaction:
$r = curl_exec($curl);

// Close the connection:
curl_close($curl);
```

API - Example #2: Insert Records Into The Leads Module

Method	insertRecords()
Programming Language	N/a
Prerequisite	N/a

```
<leads>
  <lead category='<the lead id of the record you are inserting>'>
      <lead_id>Lead Id</lead_id>
      <type>Type</type>
      <owner>Owner</owner>
      <prefix>Prefix</prefix>
      <last_name>Last Name</last_name>
      <title>Contact Title</title>
      <company>Company</company>
      <phone>Phone</phone>
      <fax>Fax</fax>
      <status>Status</status>
      <industry>Industry</industry>
      <country>Country</country>
      <address>Address</address>
      <city>City</city>
      <state>State</state>
      <postal_code>Postal code</postal_code>
      <lat>Latitude</lat>
      <lng>Longitude</lng>
      <email>Email</email>
      <website>Website</website>
      <username>Username</username>
      <lead_source>Lead Source</lead_source>
      <score>Lead score</score>
      <sm_facebook>Facebook page</sm_facebook>
      <sm_twitter>Twitter page</sm_twitter>
      <sm_google>Google+ page</sm_google>
      <sm_linkedin>LinkedIn page</sm_linkedin>
      <custom_field1>Custom Field #1</custom_field1>
      <custom_field2>Custom Field #2</custom_field2>
      <custom_field3>Custom Field #3</custom_field3>
      <custom_field4>Custom Field #4</custom_field4>
      <custom_field5>Custom Field #5</custom_field5>
      <custom_field6>Custom Field #6</custom_field6>
      <custom_field7>Custom Field #7</custom_field7>
      <custom_field8>Custom Field #8</custom_field8>
      <custom_field9>Custom Field #9</custom_field9>
      <custom_field10>Custom Field #10</custom_field10>
      <custom_field11>Custom Field #11</custom_field11>
      <custom_field12>Custom Field #12</custom_field12>
      <custom_field13>Custom Field #13</custom_field13>
      <custom_field14>Custom Field #14</custom_field14>
      <custom_field15>Custom Field #15</custom_field15>
  </lead>
```

API - Example #3: Fetch All Lead's Assigned to a Specific User

Method	fetchMyRecords()
Programming Language	PHP
Prerequisite	LAMP or WAMP stack

```
/*
 * Snapforce API Script - fetchMyRecords()
 */
// This page uses cURL to fetch data from your Snapforce CRM.

// Identify the URL:
$url = 'https://industry.snapforce.com/sf_receive_request.inc.php';

// Start the process:
$curl = curl_init($url);

$fetchMyRecords = 'format=xml&api_user=API User&api_key=API Key&module=Leads&method=fetchMy
Records&owner=User Id';

// Tell cURL to fail if an error occurs:
curl_setopt($curl, CURLOPT_FAILONERROR, 1);

// Allow for redirects:
curl_setopt($curl, CURLOPT_FOLLOWLOCATION, 1);

// Assign the returned data to a variable:
curl_setopt($curl, CURLOPT_RETURNTRANSFER, 1);

// Set the timeout:
curl_setopt($curl, CURLOPT_TIMEOUT, 5);

// Use POST:
curl_setopt($curl, CURLOPT_POST, 1);

// Set the POST data:
curl_setopt($curl, CURLOPT_POSTFIELDS, $fetchMyRecords);

// Execute the transaction:
$r = curl_exec($curl);

// Close the connection:
curl_close($curl);
```

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API - Example #4: Fetch Specific Values From One Lead

Method	fetchRecordById()
Programming Language	PHP
Prerequisite	LAMP or WAMP stack

```
/*
 * Snapforce API Script - fetchRecordById()
 */
// This page uses cURL to fetch data from your Snapforce CRM.

// Identify the URL:
$url = 'https://industry.snapforce.com/sf_receive_request.inc.php';

// Start the process:
$curl = curl_init($url);

$fetchRecordById = 'format=xml&api_user=API User&api_key=API Key&module=Leads&method=fetchR
ecordsById&id=Record Id';

// Tell cURL to fail if an error occurs:
curl_setopt($curl, CURLOPT_FAILONERROR, 1);

// Allow for redirects:
curl_setopt($curl, CURLOPT_FOLLOWLOCATION, 1);

// Assign the returned data to a variable:
curl_setopt($curl, CURLOPT_RETURNTRANSFER, 1);

// Set the timeout:
curl_setopt($curl, CURLOPT_TIMEOUT, 5);

// Use POST:
curl_setopt($curl, CURLOPT_POST, 1);

// Set the POST data:
curl_setopt($curl, CURLOPT_POSTFIELDS, $fetchRecordById);

// Execute the transaction:
$r = curl_exec($curl);

// Close the connection:
curl_close($curl);
```

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API - Example #5: Update One or Many Lead Records

Method	updateRecords()
XML Format	format=xml&api_user=API User&api_key=API Key&module=Leads&method=updateRecords


```
<leads>
  <lead category='<the lead id of the record you are updating>'>
      <lead_id>Lead Id</lead_id>
      <type>Type</type>
      <owner>Owner</owner>
      <prefix>Prefix</prefix>
      <last_name>Last Name</last_name>
      <title>Contact Title</title>
      <company>Company</company>
      <phone>Phone</phone>
      <fax>Fax</fax>
      <status>Status</status>
      <industry>Industry</industry>
      <country>Country</country>
      <address>Address</address>
      <city>City</city>
      <state>State</state>
      <postal_code>Postal code</postal_code>
      <lat>Latitude</lat>
      <lng>Longitude</lng>
      <email>Email</email>
      <website>Website</website>
      <username>Username</username>
      <lead_source>Lead Source</lead_source>
      <score>Lead score</score>
      <sm_facebook>Facebook page</sm_facebook>
      <sm_twitter>Twitter page</sm_twitter>
      <sm_google>Google+ page</sm_google>
      <sm_linkedin>LinkedIn page</sm_linkedin>
      <custom_field1>Custom Field #1</custom_field1>
      <custom_field2>Custom Field #2</custom_field2>
      <custom_field3>Custom Field #3</custom_field3>
      <custom_field4>Custom Field #4</custom_field4>
      <custom_field5>Custom Field #5</custom_field5>
      <custom_field6>Custom Field #6</custom_field6>
      <custom_field7>Custom Field #7</custom_field7>
      <custom_field8>Custom Field #8</custom_field8>
      <custom_field9>Custom Field #9</custom_field9>
      <custom_field10>Custom Field #10</custom_field10>
      <custom_field11>Custom Field #11</custom_field11>
      <custom_field12>Custom Field #12</custom_field12>
      <custom_field13>Custom Field #13</custom_field13>
      <custom_field14>Custom Field #14</custom_field14>
      <custom_field15>Custom Field #15</custom_field15>
  </lead>
</leads>
```

API - Example #6: Delete Multiple Lead Records

Method	deleteRecords()
XML Format	format=xml&api_user=API User&api_key=API Key&module=Leads&method=deleteRecords

```
<leads>
  <lead category='<the lead id of the record you wish to delete>'>
      <lead_id>Lead Id</lead_id>
  </lead>
</leads>
```

API - Example #7: Search For Specific Records in the Leads Module

Method	searchRecords()
Programming Language	PHP
Prerequisite	LAMP or WAMP stack

```
/*
 * Snapforce API Script - searchRecords()
 */
// This page uses cURL to fetch data from your Snapforce CRM.

// Identify the URL:
$url = 'https://industry.snapforce.com/sf_receive_request.inc.php';

// Start the process:
$curl = curl_init($url);

$searchRecords = 'format=xml&api_user=API User&api_key=API Key&module=Leads&method=searchReco
rds&search=Search String&search_field=company';

// Tell cURL to fail if an error occurs:
curl_setopt($curl, CURLOPT_FAILONERROR, 1);

// Allow for redirects:
curl_setopt($curl, CURLOPT_FOLLOWLOCATION, 1);

// Assign the returned data to a variable:
curl_setopt($curl, CURLOPT_RETURNTRANSFER, 1);

// Set the timeout:
curl_setopt($curl, CURLOPT_TIMEOUT, 5);

// Use POST:
curl_setopt($curl, CURLOPT_POST, 1);

// Set the POST data:
curl_setopt($curl, CURLOPT_POSTFIELDS, $searchRecords);

// Execute the transaction:
$r = curl_exec($curl);

// Close the connection:
curl_close($curl);
```

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Developers - Contact

This documentation has been truncated for readability, to access the full API documentation please login to the Client Portal and see the **Developers** directory of the user guide.

Thank you,

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