

How to Capture Learner Data and Send It to My Database

Using our API, you can easily capture course taker's data on your website.

Example Use Cases of Capture API

- Obtain 'leads' into your database, information such as name, email, etc. of course takers.
- Acquire 'contacts' of people taking your course in Salesforce, or any other CRM system.
- Triggering emails or any other process on your website when someone takes the course.

How it Works

This feature requires minor programming effort at your side to accept the data sent by ProProfs. Please note that this API is supported only in some of our high-end premium packages such as those for business and enterprises.

To get started, you would need to make a file (your callback script) which will accept the data sent by the course through 'REQUEST' method. Whenever someone takes your [course](#), it will call your callback script to accept the data. After accepting the data, you can write any custom code such as required for inserting the data into your database or CRM or triggering some business logic process.

Please follow the step mentioned below to setup callback URL:

Go to the Settings page, click on "Notifications" and check the box under the label "Notification via API." Type the call back URL indicating where the script is on your site and hit Save. It is the URL of the script which will accept the data in REQUEST method.

*The below screenshot is an example used to depict the live scenario, in this example we use a PHP path as the call back URL indicating server location of data storage. Users have to use the call back URL in their script for the server location of data storage.

The screenshot shows the ProProfs Training Maker interface. At the top, there is a navigation bar with the ProProfs logo and several menu items: Create, Settings, Send, Reports, Preview, Save, and Save & Exit. Below this is a section titled "Digital Marketing" with a sub-menu containing General, Security, Language, Notifications, Price, Theme, and Integrations. The "Notifications" tab is selected and underlined. Under "Alerts:", there are three unchecked checkboxes: "Send me an email when someone takes my courses.", "Email notification for every attempt on this course to", and "Email to trainee when they complete this course.". Below this, under "Notification via API:", there is a checked checkbox for "Send lead capture & course attempt data to my website via API.". An orange arrow points from this checkbox to the "Link:" field below. The "Link:" field contains the URL "https://www.mywebsite.com/get_course_takers_data.php". Below the field, there is a small text example: "For example: http://www.xyz.com/abc.php".

There are 15 total attributes which we support and pass them to REQUEST when someone takes your course. It is similar to REST or SOAP API's.

You would use the REQUEST array method to capture the course attempt information. [ProProfs Training Maker](#) will call your callback URL and will post all of these variables to that particular script. Please see all the 15-course attributes(variables) below:

#	Variable Name	Variable Description	Data Type	Example(PHP)
1	report_id	A unique ID to identify attempt	INT	\$_REQUEST['result_id']
2	course_id	A unique ID which will identify your course	INT	\$_REQUEST['course_id']
3	name	Course Learner's name	VARCHAR	\$_REQUEST['name']
4	email	Course Learner's email address	VARCHAR	\$_REQUEST['email']
5	id	Course Learner's ID	VARCHAR	\$_REQUEST['id']
6	phone	Course Learner's phone number	VARCHAR	\$_REQUEST['phone']
7	address	Course Learner's address	VARCHAR	\$_REQUEST['address']
8	city	Course Learner's city	VARCHAR	\$_REQUEST['city']
9	state	Course Learner's state	VARCHAR	\$_REQUEST['state']
10	pincode	Course Learner's zip code	INT	\$_REQUEST['pincode']
11	country	Course Learner's country	VARCHAR	\$_REQUEST['country']
12	ip	Learner's IP address	VARCHAR	\$_REQUEST['ip']
13	time_taken	Total taken time to complete course	VARCHAR	\$_REQUEST['time_taken']
14	completed	Percentage score achieved by learner	INT	\$_REQUEST['completed']
15	attempt_date	The date and time stamp of the attempt (UNIX TIMESTAMP)	TIMESTAMP	\$_REQUEST['attempt_date']

An Example: PHP and MySQL

If you are using PHP as server scripting, you can use the following example to test this feature.

Step 1: SQL: Create a table with the following SQL query:

```
<?php
CREATE TABLE `course_takers` (
  `test_id` int(11) NOT NULL auto_increment,
  `result_id` int(100) NOT NULL,
  `course_id` int(100) NOT NULL,
  `name` varchar(150) NOT NULL,
  `email` varchar(150) NOT NULL,
  `id` varchar(150) NOT NULL,
  `phone` varchar(150) NOT NULL,
  `address` varchar(150) NOT NULL,
  `city` varchar(150) NOT NULL,
  `state` varchar(150) NOT NULL,
  `pincode` int(100) NOT NULL,
  `country` varchar(150) NOT NULL,
  `ip` varchar(150) NOT NULL,
```

```

`time_taken` varchar(150) NOT NULL,
`completed` int(100) NOT NULL,
`attempt_date` timestamp NOT NULL,
PRIMARY KEY (`test_id`)
)
?>
    
```

Step 2: PHP: [Click here to download the PHP script \(get_course_takers_data.php\)](#) file, and upload it on to your web server.

```

<?php
/*-----
This is a basic example of the feature:
"Allow capturing course taker's data for inserting in my own database/website"
More Info & Help: http://support.proprofs.com/kb/questions/104/
Contact Us: http://support.proprofs.com/kb/contact.php
ProProfs.com
-----*/
//Do all database configuration here per your web server configurations
$link = mysql_connect('localhost', 'mysql_user', 'mysql_password');
if (!$link)
{
    die('Could not connect: ' . mysql_error());
}
// Decide whether this is new attempt information or update request after assigning
bonus points
if($_REQUEST['status'] == "new")
{
    // Means this is new attempt record for inserting into database
    $sql_query = "INSERT INTO course_takers SET
    result_id='".$_REQUEST['result_id']."' ,
    course_id='".$_REQUEST['course_id']."' ,
    name = '".$_REQUEST['name']."' ,
    email = '".$_REQUEST['email']."' ,
    id = '".$_REQUEST['id']."' ,
    phone = '".$_REQUEST['phone']."' ,
    address = '".$_REQUEST['address']."' ,
    city = '".$_REQUEST['city']."' ,
    state = '".$_REQUEST['state']."' ,
    pincode = '".$_REQUEST['pincode']."' ,
    country = '".$_REQUEST['country']."' ,
    ip = '".$_REQUEST['ip']."' ,
    time_taken = '".$_REQUEST['time_taken']."' ,
    completed = '".$_REQUEST['completed']."' ,
    attempt_date = '".$_REQUEST['attempt_date']."'";
}
else if($_REQUEST['status'] == "update")
{
    // Means bonus points has been assigned and this is update request to update
    already stored attempt record.
    $sql_query = "UPDATE course_takers SET
    completed = '".$_REQUEST['completed']."' ,
    time_taken = '".$_REQUEST['time_taken']."'
    WHERE result_id = '".$_REQUEST['result_id']."'
    
```

```
        LIMIT 1";
    }
    else
    {
        // This block will never execute because status will either contains "new" or
"update"
    }
    //Run query
    $query_run = mysql_query($sql_query);
    //Rest of the code here...(per your needs)
?>
```

Troubleshooting Guide:

If you are having trouble making the API work, try the following troubleshooting steps:

1. ProProfs originates all requests from public facing IP '67.228.18.170'. Ensure that this IP is not blocked.
2. After unblocking the IP, check if you are receiving requests from our server. You can execute the snippet titled 'course_response_test.php' on your server. Change the email address in this script to your email id. Then update the callback URL of the course under "Edit Settings" -> "Notifications" to call this URL. Check if you receive an email after you complete the course. It validates if responses from ProProfs are reaching your server.

Feel free to [contact us](#), if you need further assistance.

[Click here to download the PHP script \(course_response_test.php\)](#)

Related Articles:

[How does the Single Sign-On \(SSO\) integration feature work?](#)

[REST API for Classroom](#)

[How to enable Google Single Sign-On \(SSO\) login for your classroom](#)