

## How to connect to Ryerson's Oracle 11g Database with PHP files.

You should have your files stored on the moon servers.

The following instructions 1-3 can be found at: [http://www.scs.ryerson.ca/user\\_guide.php#a93](http://www.scs.ryerson.ca/user_guide.php#a93)

1. On the moon servers, make a directory called 'public\_html'
2. Change permission to the folder 'public\_html' with chmod 711
3. Then for any files you have in the 'public\_html' folder change permissions to 644.

The command to connect to the Oracle Database is oci\_connect. The manual can be found at: <http://php.net/manual/en/function.oci-connect.php>

4. Create your php file(s) to connect to the Oracle 11g Database.
5. For a local XE database, you should follow example 1 from the manual.
  - 5.1 `$conn = oci_connect('username', 'password', 'localhost/XE');`
  - 5.2 This assumes your php web server is installed locally as well on your machine.
6. For Ryerson's Oracle 11g Database, you should follow example 2 from the manual.
  - 6.1 `$conn = oci_connect('username', 'password',  
'(DESCRIPTION=(ADDRESS=(PROTOCOL=TCP)(Host=oracle.scs.ryerson.ca)(Port=1521))(CONNECT_DATA=(SID=orcl)))');`

Once you have created your php files, make sure the permission of the 'public\_html' and any folders to be 711 and any other files, including your php file(s), to be 644.

Then to access the php web pages, your link should be:

[webdev.scs.ryerson.ca](http://webdev.scs.ryerson.ca)

~~www2.scs.ryerson.ca/~scsUsername/~~

Followed by your starting page if it is not the default index page.

~~The 2 after the www is IMPORTANT.~~ It is required to run your php scripts.

Only access to webdev can work