

Using RadPHP XE with Existing PHP Applications

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INTRODUCTION

RadPHP XE, in addition to its visual editing capabilities, provides existing PHP developers a powerful IDE with and integrated debugger. Even if you are not interested in RPCL applications or in visual development, RadPHP can help you with your PHP development.

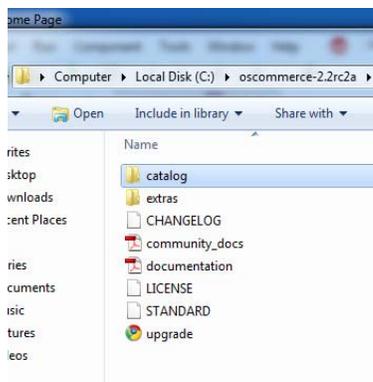
This document has step-by-step instructions on how easy is to create a project based on an existing PHP application and how you can run and debug that application using RadPHP XE.

If you don't already have a copy of RadPHP, you can download a free trial edition from <https://downloads.embarcadero.com/free/radphp>.

TUTORIAL

For this tutorial, we'll be using the osCommerce Online Merchant application.

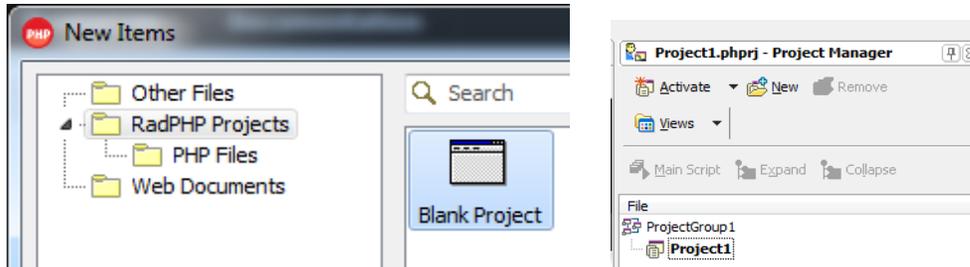
1. Download the latest version oscommerce-2.2rc2a.zip from <http://www.oscommerce.com/solutions/oscommerce> and unzip to C:\



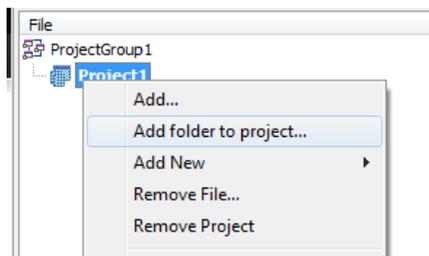
The osCommerce Online Merchant is a complete PHP online store solution that contains both a catalog frontend and an administration tool backend which can be easily installed and configured over a web-based installation procedure.

2. Start RadPHP XE.
3. File >> New >> Other >> RadPHP Projects >> Blank Project

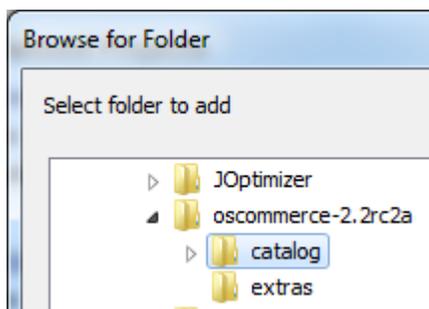
This will create an empty project for you, like this:



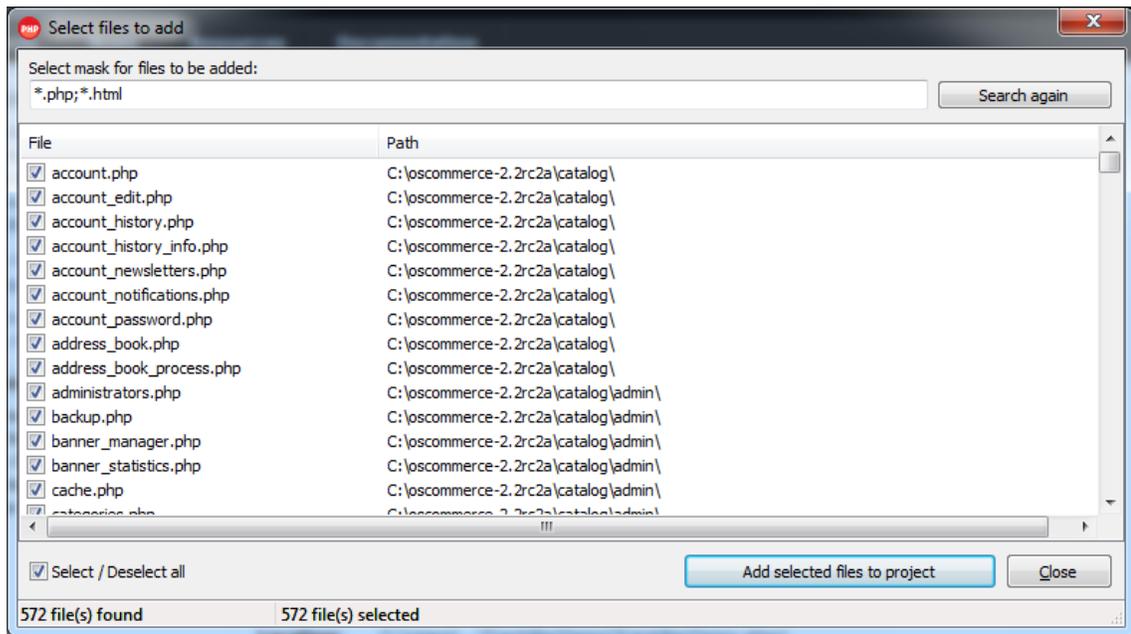
4. Right-Click on Project1 >> Add folder to project



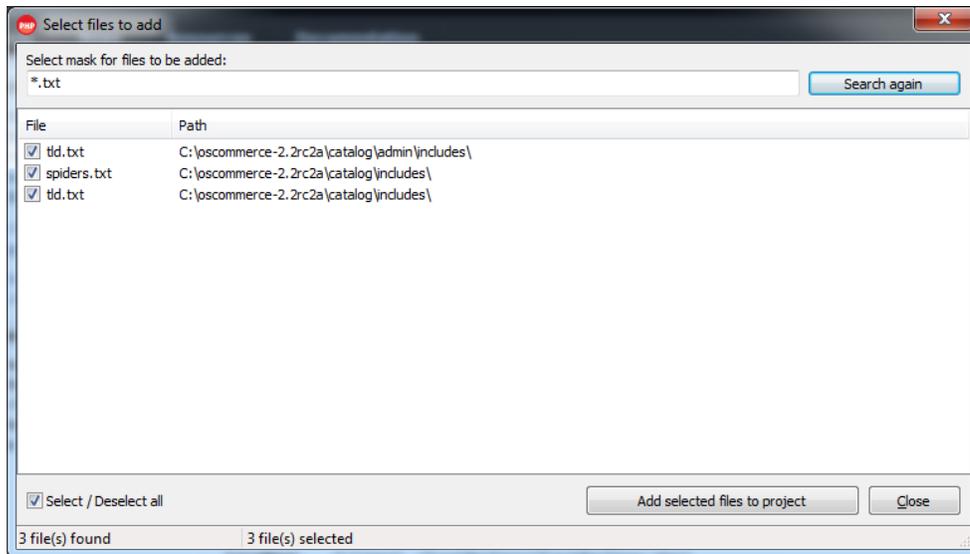
5. Browse to your oscommerce >> catalog folder. Click OK.



6. Select all the php and html files (use mask: *.php,*.html). Click "Add selected files to project"



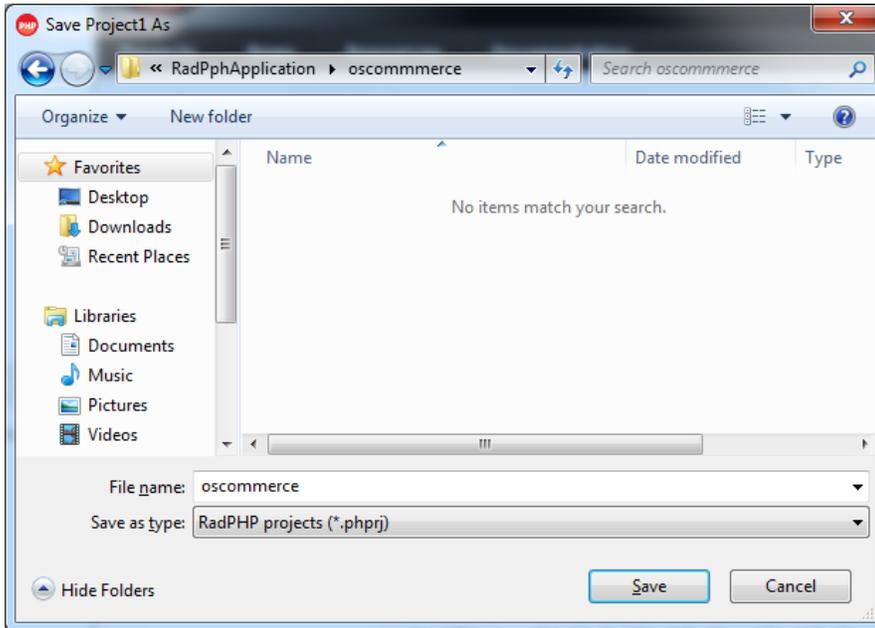
- Let's also add the all the ".txt" files. Enter *.txt for the mask, and click "Search again"



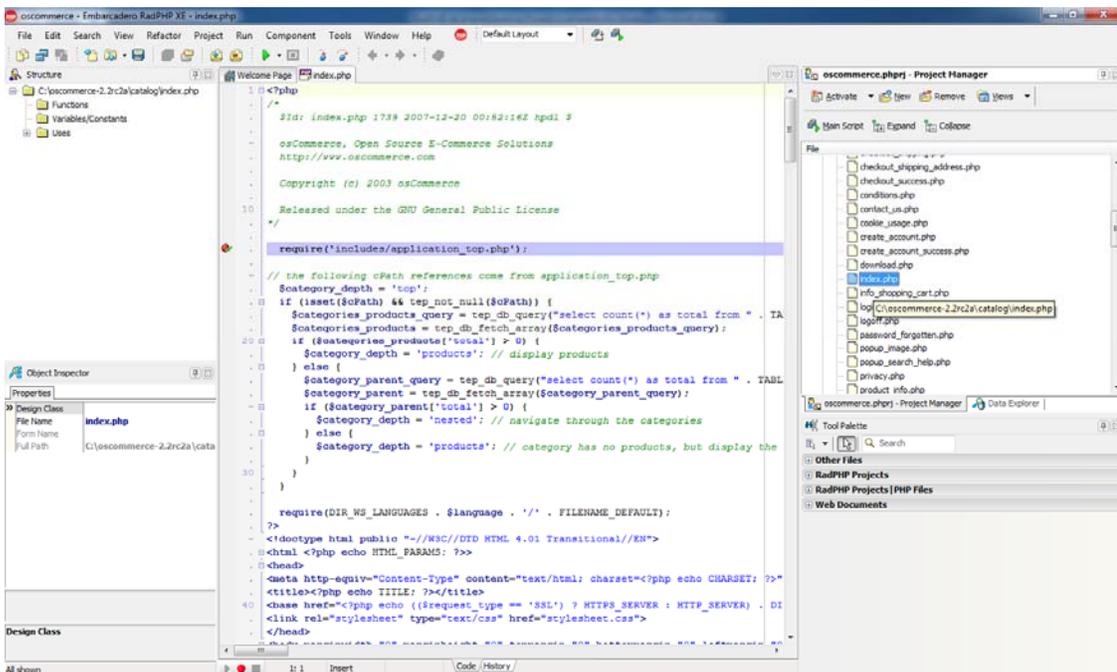
- Click "Add selected files to project" and these additional *.txt files will be added to you PHP project.
- Click Close.

- File >> Save Project As >> oscommerce in your Projects\RadPhpApplication directory:

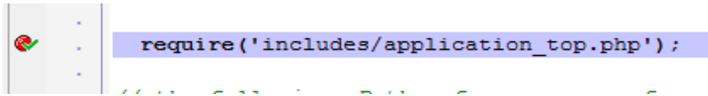
C:\Users\...\Documents\RadPHP\Projects\RadPhpApplication\oscommerce



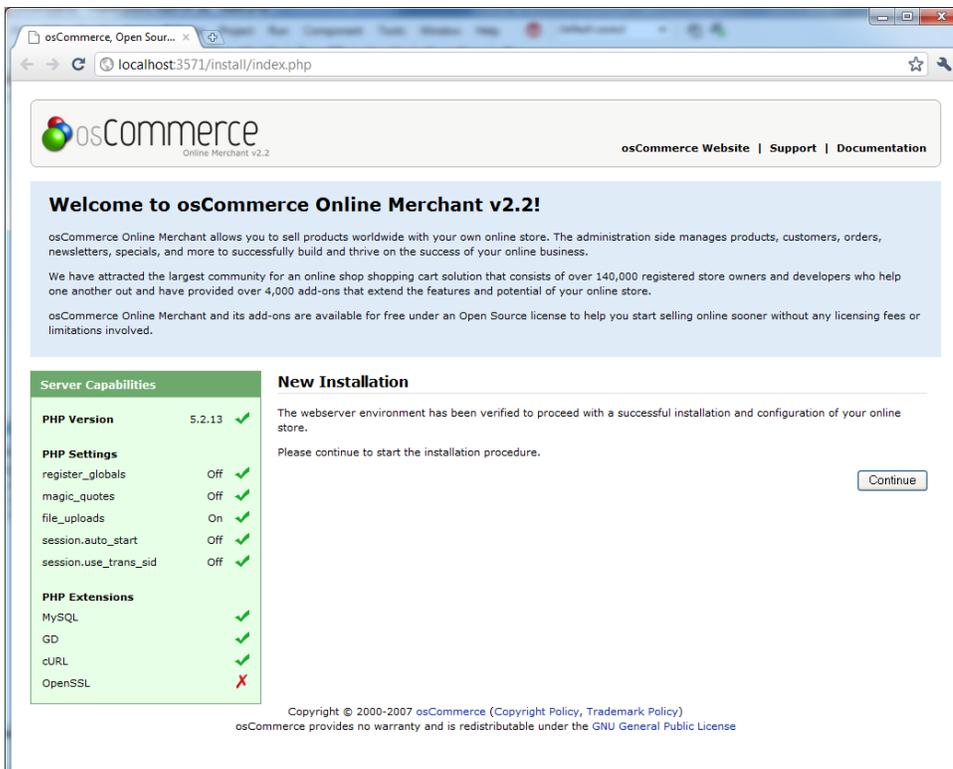
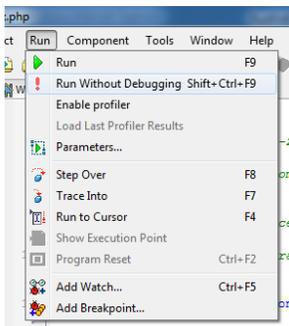
- Open file index.php (from /catalog directory). From the Project Manager, double-click on index.php to open it in the editor, like this:



12. Add a breakpoint on the line "require('includes/application_top.php');". This will be used later when we debug the application. To add the breakpoint, place your cursor anywhere on that line and hit F5 key. You could also double-click on the outside margins and that will add the breakpoint. The above screen shoot shows the breakpoint set, like this:



13. Run the application from inside the RadPHP XE IDE without debugging: Run >> Run Without Debugging (Shift+Ctrl+F9)



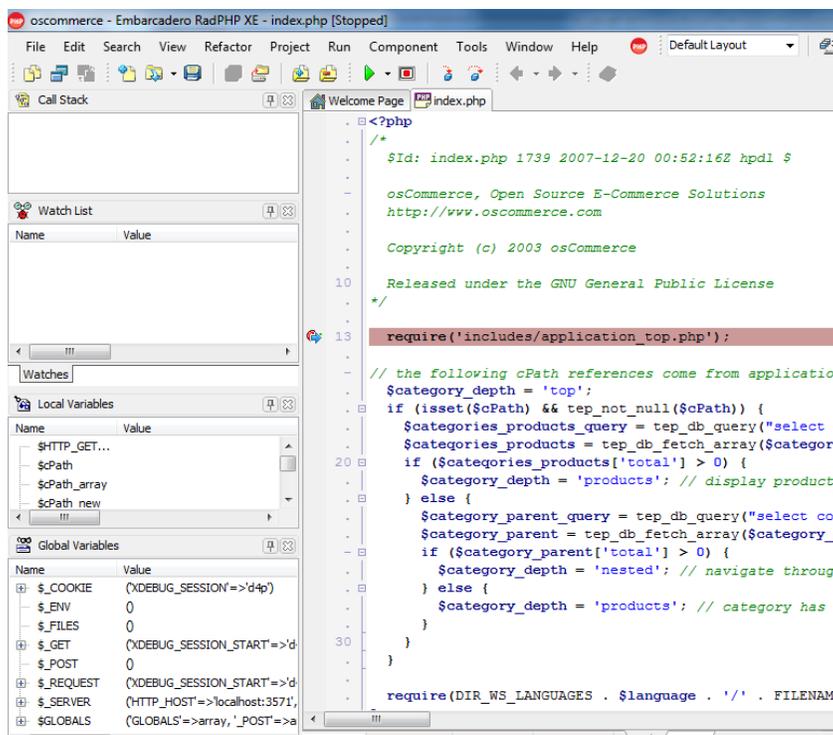
We see this is a New Installation. The webserver environment has been verified to proceed with a successful installation and configuration of your online store. Please continue to start the installation procedure.

At this point, do NOT click continue for the installation. Close down the osCommerce application

14. You can also Run with the Debugger (F9).

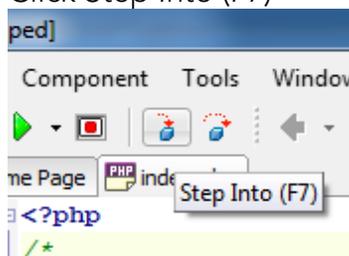
We already added our Debug breakpoint from step 12.

15. Run with the Debugger (F9).

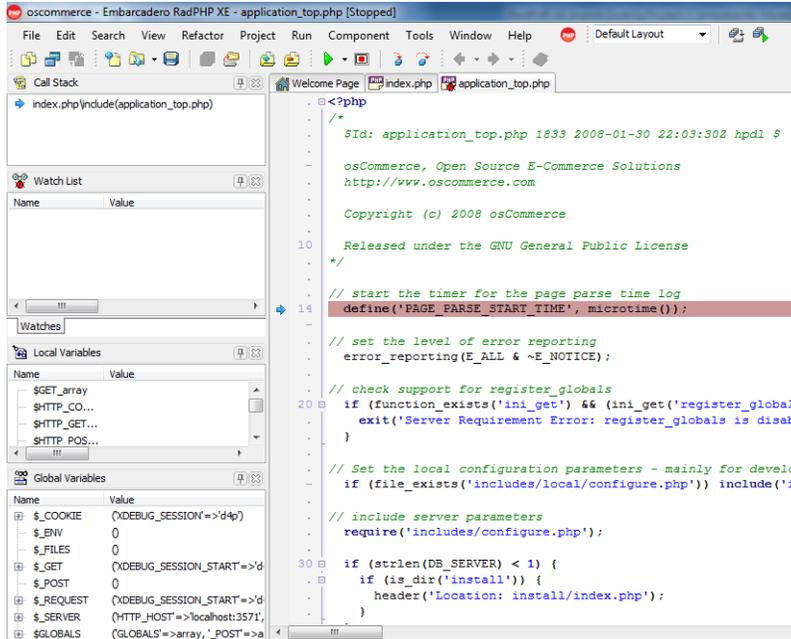


RadPHP XE stops at your breakpoint, showing you Call Stack, Watch List, Local and Global Variables.

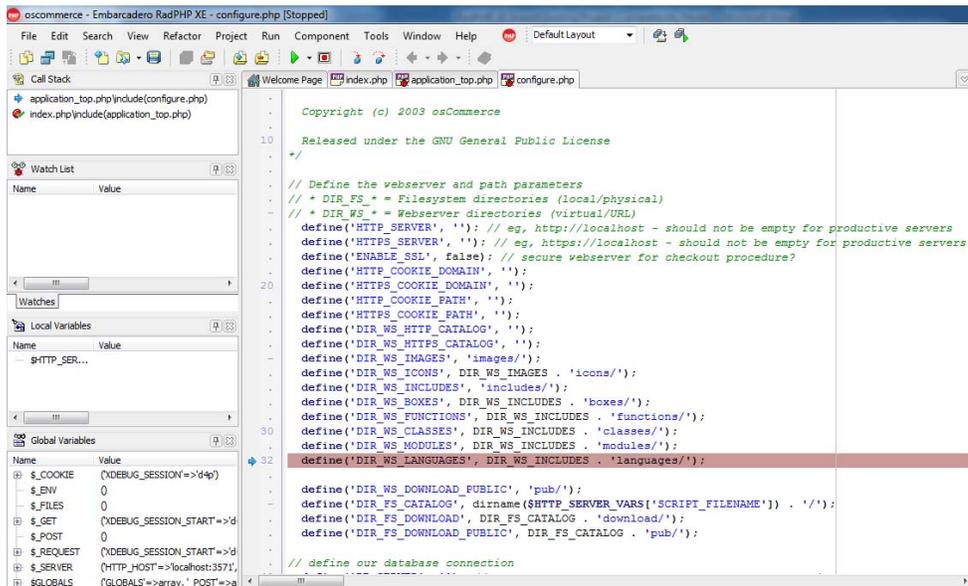
16. Click Step Into (F7)



17. You will Step Into the application_top.php code, and see all its debug information, like this:

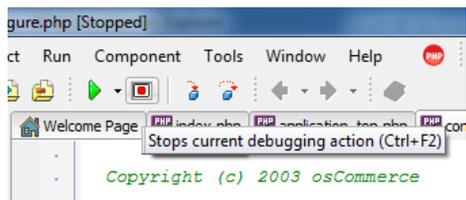


18. Continue Step Into (F7) into your code about 10 more times, and see how the code works:

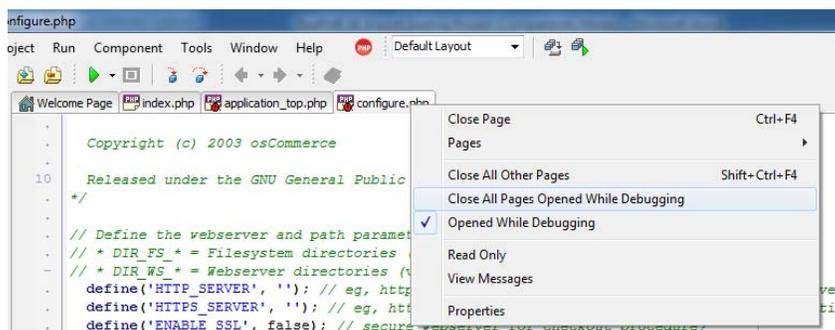


The debug information is very important to a PHP developer and now you can debug your PHP application using RadPHP XE.

19. Stop the current debugging action (Ctrl+F2)



20. Right-click one of your open debug file tabs (shown with the red debug icon) >> Close All Pages Opened While Debugging



As you can see, there are no visual components in this PHP application. It's a traditional PHP application that you can import into RadPHP XE and use all the advanced RadPHP XE programming tools like refactoring, cross-language debugging, remote debugging, profiling, language specific syntax highlighting, and Error Insight.

To learn more about RadPHP and download a free trial, visit <http://www.embarcadero.com/products/radphp>.



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