

Installation of Ruby on Rails and the Mongrel Server On Windows

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Installation of Ruby on Rails

This was written at the time of Ruby on Rails v.1.8.4. and these instructions should be generally applicable. These instructions do not depart from those offered at the URL provided below which may also be consulted. Uninstall any prior revisions.

1. Visit <http://rubyonrails.org/down> and observe the current release revision number;
2. download the latest stable revision;
3. installation proceeds from running the executable downloaded, do this;
4. accept the conventional settings and path (unless you have preferences);
5. open a command session and enter
 1. `cd \ruby\bin`
 2. `gem install rails --include-dependencies`
6. this will begin a fair amount of installation over the Internet;
7. confirm that ruby executable is in your system's path:
 1. `PATH`
 2. if not, then execute
 1. `SET PATH=\ruby\bin;%PATH`
unfortunately this is valid only for the open session and may be a headache in general;
 2. or
 3. in Control Panel/System/System Properties/Advanced/Environmental Variables
 4. `edit the System variables, Variable Path to include ;\ruby\bin` at the end along with the original content. Don't forget the leading semicolon which denotes a new path being added to a list.
8. in the command session (or a new one) enter
 1. `rails \rails\test`
which generates a lot of file creation;
 2. `cd \rails\test`
 3. `ruby script/server`
which starts the server and dominates this open session;
9. open a browser to <http://127.0.0.1:3000> and confirm the server is running when the Rails welcome page opens.

Installation of Mongrel

This is a replacement server for the development server, WEBrick. It is claimed to be faster than WEBrick and perhaps suitable for a production environment.

1. Visit <http://mongrel.rubyforge.org/> and select the latest release (as of this writing, found in the menus under **NEWS** in the right column of this page);
2. for this writing, the release name will contain `-mswin32.gem` within it;
3. download and save this to a convenient folder (convenient for name's sake when you reference it on the command line – something like `c:\temp\mongrel-mswin32.gem`);
4. in a command session enter
 1. `gem install win32-service`
 2. it will give an indication of complete and then prompt for which gem to install;
 3. `enter 1`
 4. `gem install mongrel`
 5. `enter 1` (or the appropriate recent release for win32);
 6. `respond Y` to the prompt for dependencies;
 7. `gem install mongrel_service`
 8. `cd \rails\test`
 9. `mongrel_rails start`
5. open a browser to <http://127.0.0.1:3000> and confirm the server is running when the Rails welcome page opens.