

"Mono" in Linux for ASP.NET

Installation steps of Apache Mono

1. Install mono through packages provided in their main website. Follow steps depending on the Ubuntu distribution.

<http://www.mono-project.com/docs/getting-started/install/linux/#debian-ubuntu-and-derivatives>

2. Install XSP server, apache server and check by running pages. Do not install the LAMP server as it might not be necessary. Only installing "apache2" package suffices.

*** XSP should work for the application root directory by running command "xsp4" and simply run the webpage. Apache should work directly from the default location "/var/www/html". ***

3. Install mod-mono related packages from the Mono official website.

<http://www.mono-project.com/docs/web/aspnet/>
<https://help.ubuntu.com/community/ModMono>

4. Enable Autohosting for mod-mono. Files "apache2.conf" and "mod-mono.conf" needs to be changed depending on the configuration.

"mod-mono.conf"

Include /etc/mono-server4/mono-server4-hosts.conf

MonoAutoApplication enabled

MonoServerPath

5. Grant necessary permissions to the application folder for further access. Create VirtualHost repository if needed a proper website look with server information (only for manual configuration).

<https://www.digitalocean.com/community/tutorials/how-to-set-up-apache-virtual-hosts-on-ubuntu-14-04-lts>

6. Stop Apache server before installation of mod-mono and Restart when configuration is finished.

7. Copy necessary precompiled web application files under the web server directory as a zip file and extract directly inside the folder.

Compile from Visual Studio 2013 directly by "Publish" website option. Works here with the mono compiler successfully.

8. Grant permission to any newly created folder for apache mono server. Even for the "bin" and "Scripts" folders..

sudo chown -R \$USER:\$USER /var/www/example.com/public_html

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sudo chmod -R 755 /var/www
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