Alternative Porting 4.0

Wednesday, February 16, 2011
12:06 PM

TESTING THE DTX LAUNCHER for XAMPP 1.7.3

-Download from http://nat32.com/dtx/ .

-Unpack the dtx.exe and dtx.ini to the root folder for XAMPP.

-Single clicking on the tray icon will bring up the console. In the console, the ali-icon is an Easter-Egg, a single click on it will give you debug information. Also, a mouse-over of the tray icon should give the ports that Apache and MySQL are running on. Left-mouse on the tray icon will bring up a mini console.

-Exit (terminate) from either console should close the window, shut down both Apache and MySQL sessions. Check with Task Manager to see if any processes have not terminated.

Note: if you are using a removable device, allow time for DXT to cycle out. It uses a soft shutdown to allow MySQL to write to the tables.

The following is information for the .ini file:

DTX can be configured by editing the following values in file dtx.ini:

```
[START]
hide    = 1                 ; Hide the DTX Window
apache  = 1                 ; Start Apache
mysql   = 1                 ; Start MySql
browser = 1                 ; Launch the Web Browser if Apache is running
[EXIT]
apache = 1                  ; Stop Apache on exit
mysql  = 1                  ; Stop MySql on exit
[PORTS]
apache = 80                 ; Apache port
mysql  = 3306               ; MySql port
[HELP]
text1 = ZedFiles            ; About URL 1 Text
url1  = http://zedfiles.com/        ; About URL 1
text2 = NAT Software        ; About URL 2 Text
url2  = http://nat32.com/dtx        ; About URL 2
[XAMPP]
setup  = 1                  ; Configure XAMPP on startup (set to 0 for 1.7.3)
```

DTX ON ALTERNATIVE PORTS

DTX ZEDFILES PROJECT-PORTING XAMPP APACHE AND MYSQL TO ALTERNATIVE PORTS

!!!! use the setup_xampp.bat for configuring and set to 'no drive numbers (yes). Once XAMPP has been configured, modify the files as listed below.

[please note that line numbers are approx.]

Unpack XAMPP 1.7.3.

Copy DTX.exe and DTX.ini to xampp\

Open dtx.ini in a text editor:

A) change Apache port:80 to 6060
B) change MySQL port:3306 to 6080

(other ports may be used but this is our convention)

Edit the following configuration files:

1) \xampp\apache\conf\httpd.conf
2) \xampp\mysql\bin\my.ini
3) \xampp\php\php.ini
4) \xampp\phpMyAdmin\config.inc.php
5) \xampp\security\htdocs\securefunctions.php
6) \xampp\security\htdocs\security.php
7) \xampp\security\htdocs\xamppsecurity.php
8) \xampp\htdocs\xampp\mysql.php

with the following:

1) \xampp\apache\conf\httpd.conf
a) line 47, change: Listen:80 to Listen:6060
a2) line 181 ServerName localhost:6060
b) line 487, comment out:include conf/extra/httpd-dav.conf with #include conf/extra/httpd-dav.conf
c) line 496, comment out:Include conf/extra/httpd-ssl.conf with #Include conf/extra/httpd-ssl.conf

(if SSL is needed, please see notes at end.)

2) \xampp\mysql\bin\my.ini
a) line 22, change: port=3306 to port =6080
b) line 31, change: port=3306 to port =6080

(if you are using the ZFDesktop files framework, set line 30 to: "/ZFDesktop/Data_Store/mysql/" and move the data files to that location.

3) \xampp\php\php.ini
a) line 1229,add: mysql.default_port =6080
line 226, (short_open_tag = is set to off ... may want to set it to 'On'

4) \xampp\phpMyAdmin\config.inc.php
a) line 28, add this line to the list: $cfg['Servers'][$i]['port'] = '6080';

5) \xampp\security\htdocs\securefunctions.php
a) line 46, if (@mysql_connect("localhost:6080", "root", "$currentpass")) { (add :6080 to localhost)

6) \xampp\security\htdocs\security.php
a) line 104, if (($handle = @fsockopen($host, 6080, $errno, $errstr, $timeout)) == true) { (change 3306 to 6080)
b) line 286 <td>6080/tcp</td>

7) \xampp\security\htdocs\xamppsecurity.php
a) line 17, if (($handle = @fsockopen($host, 6080, $errno, $errstr, $timeout)) == true) { Change 3306 to 6080)

8) xampp\htdocs\xampp\mysql.php
a) line 4, if (@mysql_connect("localhost:6080", "pma", "")) { (add :6080)

Notes:

- use localhost:6080 (user:root, servername:localhost:6080) for MySql apps to connect to the data base.

- adding: Listen "localhost:6060" to the httpd.conf and the line "bind-address=127.0.0.1" in the [mysqld] section of my.cnf, will prevent the processes from being seen on a network.

- if SSL is needed, an alternative port must be used and changes made in a number of files to avoid conflicts with xampp sessions already running SSL on port 443. Search the files above including; httpd-ssl.conf for '443' and make necessary changes.

Questions and comments should be directed to Bob Birt rpbirt-at#-sprynet.com .

Thanks for taking the time to participate in the testing program!!!