

NewGRF Meta Language - Feature Request #2351

building of win32 executable for nml

2011-02-22 09:33 - yexo

Status:	Closed	Start date:	2011-02-22
Priority:	Normal	Due date:	
Assignee:	yexo	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
Basic steps to produce a binary executable: <ul style="list-style-type: none">- Install wine- Install python win32 under wine. Run windows install from http://www.python.org/getit/- Install PIL under wine. Run windows install from http://www.pythonware.com/products/pil/- Install ply under wine. Download package from http://www.dabeaz.com/ply/, extract, change to that directory, run: wine "C:\\Python27\\python.exe" setup.py install- Install cxfreeze under windw. Run windows installer from http://cx-freeze.sourceforge.net/- Checkout nml, switch to directory, run: wine "C:\\Python27\\python.exe" "C:\\Python27\\Scripts\\cxfreeze" nmlc The executable nmlc.exe and a few other files will appear in the dist/ directory. This can be changed by adding "--target-dir <directory>" to the last command.			

Associated revisions

Revision 1298:ed6cbc1aeaa9 - 2011-03-20 23:45 - Ammler

Feature #2351: build static windows executable (works without python, pil any ply installed)

Revision 1298:ed6cbc1aeaa9 - 2011-03-20 23:45 - Ammler

Feature #2351: build static windows executable (works without python, pil any ply installed)

History

#1 - 2011-02-22 11:26 - Ammler

- Project changed from DevZone Version 2 to NewGRF Meta Language
- Assignee set to Ammler

this should be able to make with nml build script already

#2 - 2011-02-22 11:33 - Ammler

Yexo:

```
| wine msiexec /i python-2.7.1.msi /qn <- install python without gui
```

#3 - 2011-03-20 19:03 - Ammler

fork <http://hg.openttdcoop.org/nml-wine> does create a wine, please pull it or give me a go to push :-)

<http://bundles.openttdcoop.org/nml-wine/nightlies/LATEST/>

#4 - 2011-03-20 19:04 - Ammler

- Assignee changed from Ammler to yexo

#5 - 2011-03-20 22:46 - Ammler

howto for building with X-Server:

http://en.opensuse.org/openSUSE:Build_Service_Tips_and_Tricks#Building_a_package.2C_which_needs_an_X-Server_during_build

#6 - 2011-03-20 23:51 - Ammler

- % Done changed from 0 to 90

build scripts are done, the included python.dll does double the archive size. :-)

currently, we build it with pythonw.exe, if that is wrong, please tell and we use python.exe with the X-Server hack above...

if all fine, please close this ;-)

Edit: maybe we should make different packages

nmlc with different requirements:

- nmlc only (some kBs)
- nmlc with pil and ply (1.5 MB)
- nmlc with pil, ply and python (2.5 MB)

#7 - 2011-03-21 21:23 - Ammler

got following error as I tried to run regression tests with nmlc.exe

```
Error: (IOError) "cannot identify image file".  
Command: ['..\..\nml-r1298-windows-win32\nmlc.exe', '006_vehicle.nml']  
Location: File "C:\Python27\lib\site-packages\PIL\image.py", line 1980, in op
```

#8 - 2011-03-22 20:02 - Ammler

- Status changed from New to Closed
- % Done changed from 90 to 100

seems like it is a error for pcx only

we consider nmlc.exe working ;-)

