

My God, it's full of games!

- or -

How to stop futzing, and start playing

Dan Kegel

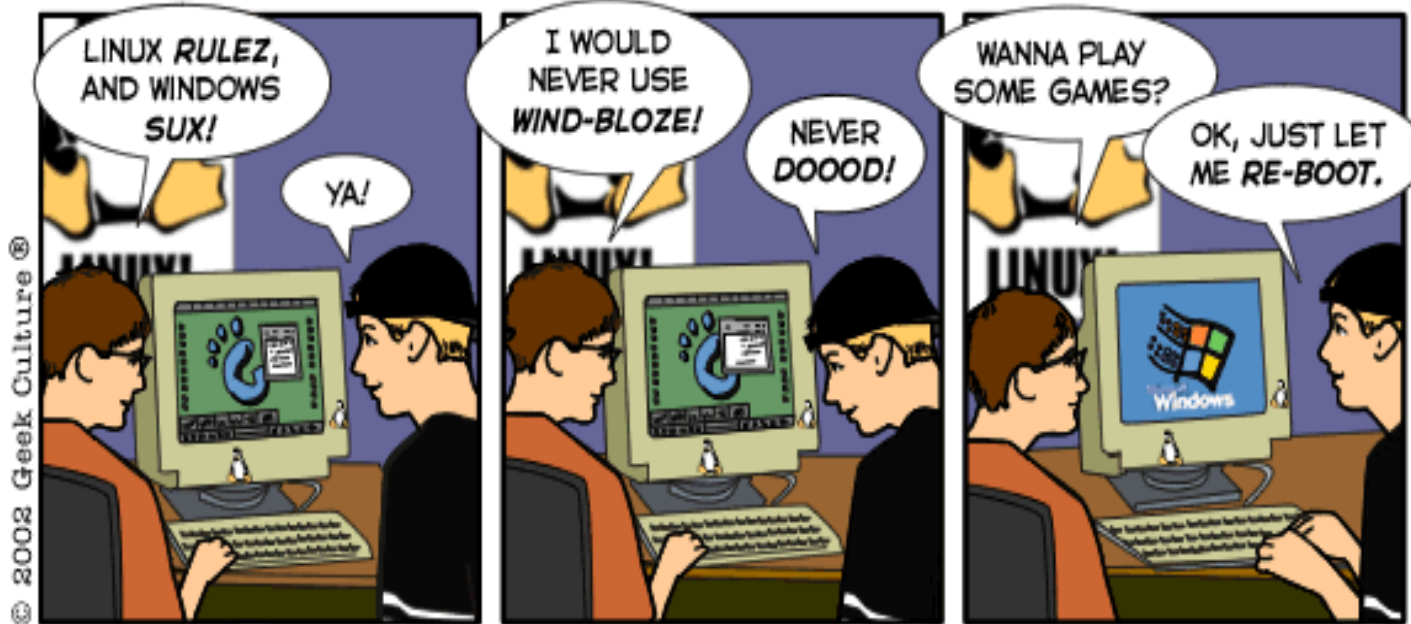
Scale 9X, Los Angeles, February 2011

Presentation online at kegel.com/wine/scale9x

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How do you play Windows games on Linux?



Dual booting Windows works,
but rebooting is a pain,
and you have to buy Windows (\$100)



Windows XP in VMware works,
but it's a bit klunky,
and you have to buy Windows (\$100)
and VMware (\$189)



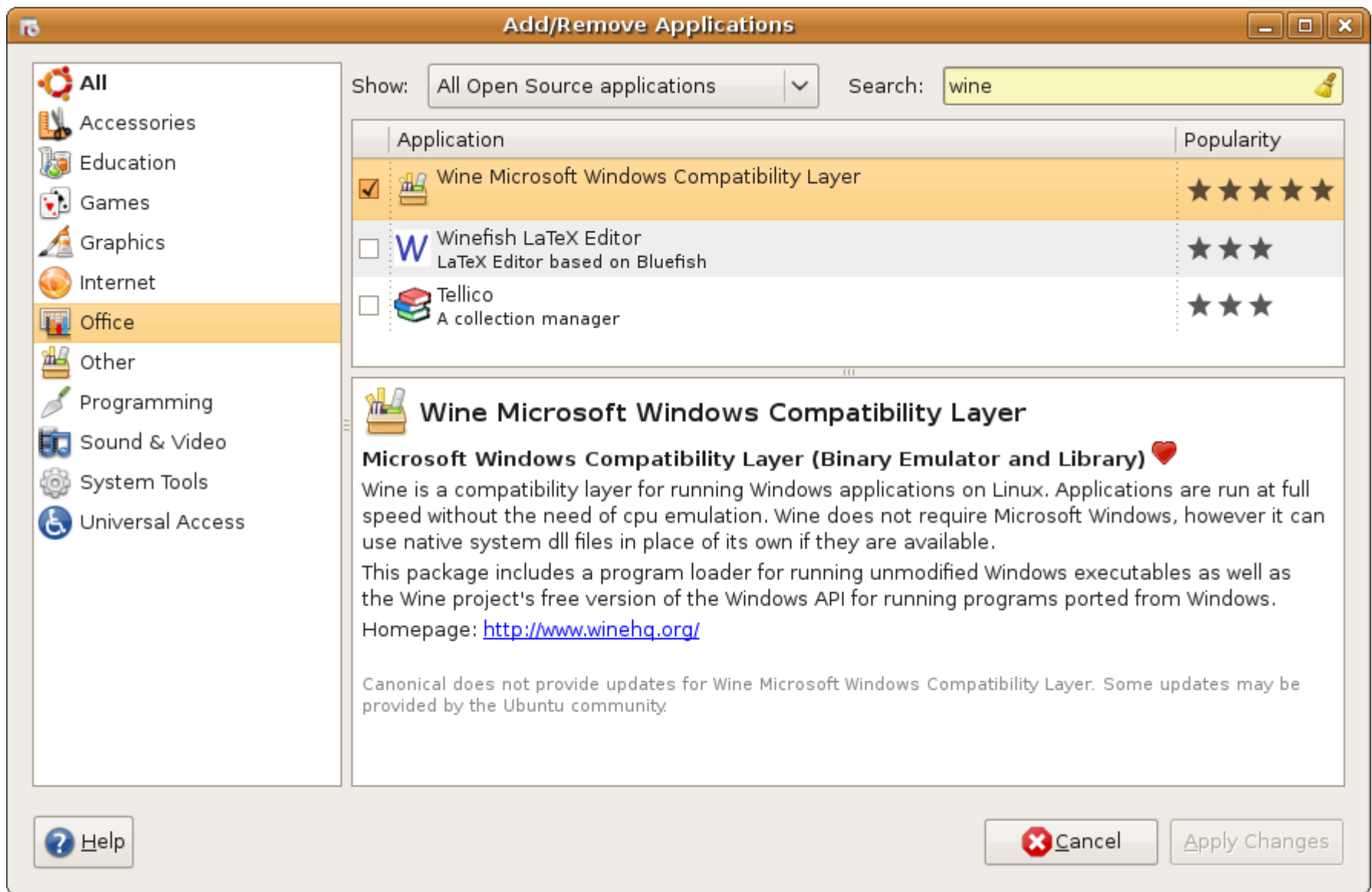
Windows in VirtualBox works somewhat*,
but it's a bit klunky,
and you have to buy Windows (\$100)



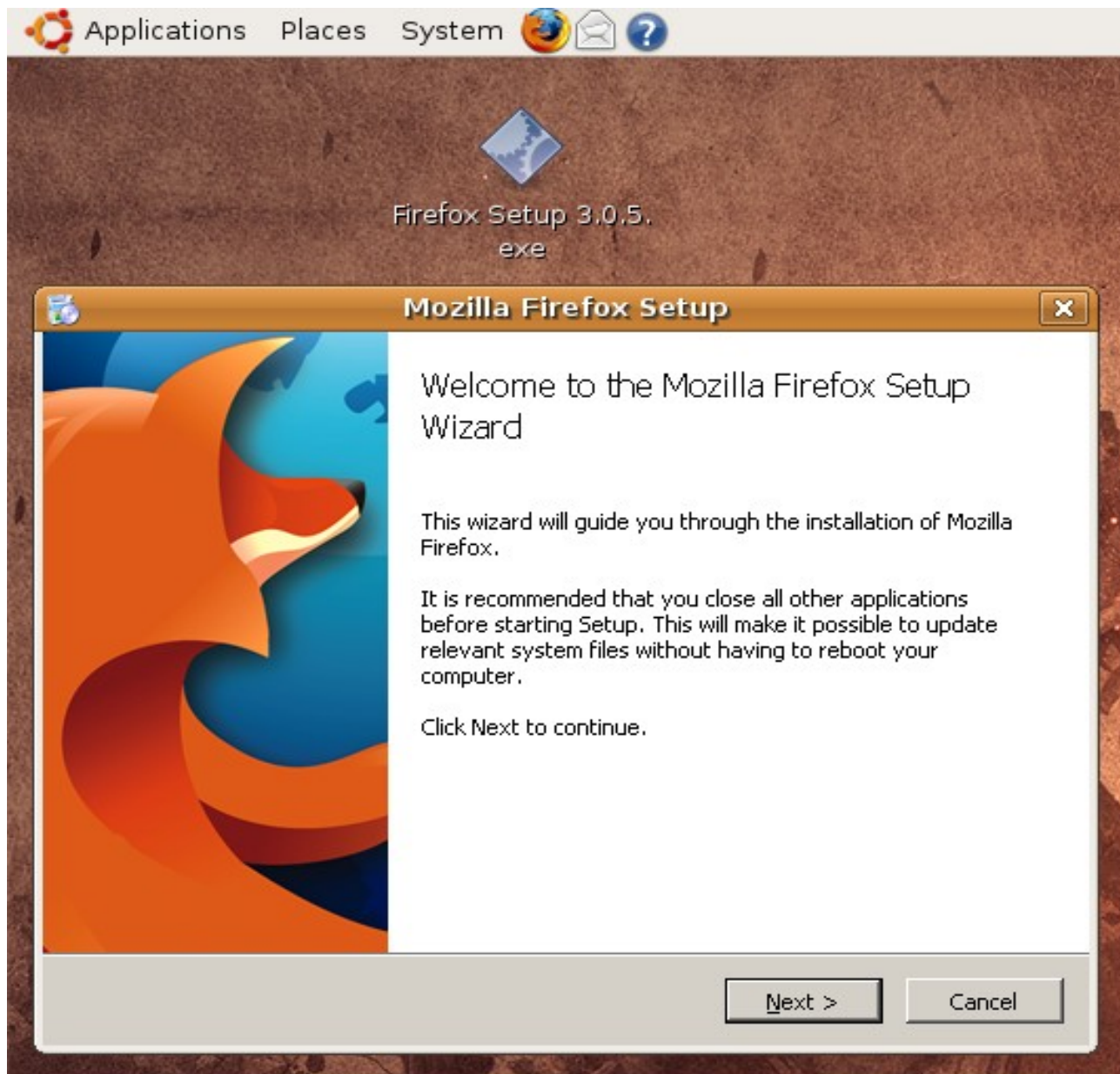
=



Wine works somewhat*,
is nicely integrated,
and is totally free



In theory, you can just install Wine...



... double-click any Windows app's installer...



... and voila, working app!

WineHQ - Microsoft Powerpoint 2007 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://appdb.winehq.org/objectManager.php?sClass=version&ilc

WineHQ Wiki **AppDB** Bugzilla Forums

WINEHQ
Microsoft Powerpoint 2007

Search: Google Custom Search

Category: [Main](#) > [Productivity](#) > [Presentation](#) > [Microsoft Powerpoint](#) > [2007](#)

Name	Microsoft Powerpoint
Version	2007
License	Retail
URL	http://www.msoffice.com
Votes	0 Vote
Rating	Silver
Wine Version	1.1.14

Description

Part of Microsoft Office 2007. This entry is just for Powerpoint, not the installer.

Selected test results (selected in 'Test Results' table below)

What works
Installing (academic trial office 2007), activating, showing existing presentation

What does not
Nothing I've tried so far

What was not tested
Anything beyond displaying existing simple presentation

Additional Comments
Before using the app, run winecfg and do Libraries / riched20 / Add / OK, else powerpoint will crash on startup. (This is bug 14980.) The app would be gold or platinum if not for that.

AppDB

- Home
- Screenshots
- Browse Apps
- Browse by Developer
- Top 25
- Submit App
- Help
- Statistics
- Distributions (343)
- Email Us

User Menu

- Logout

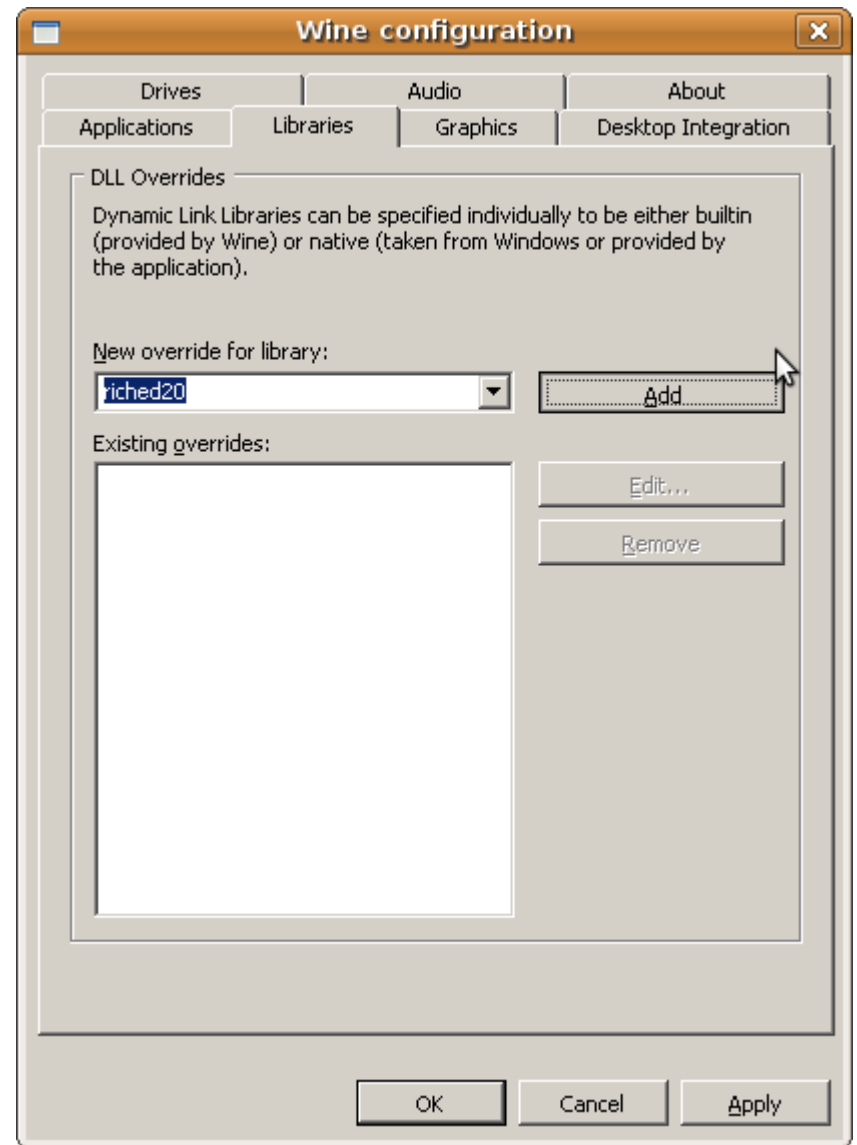
Done

No Screenshot Available
[Submit Screenshot](#)

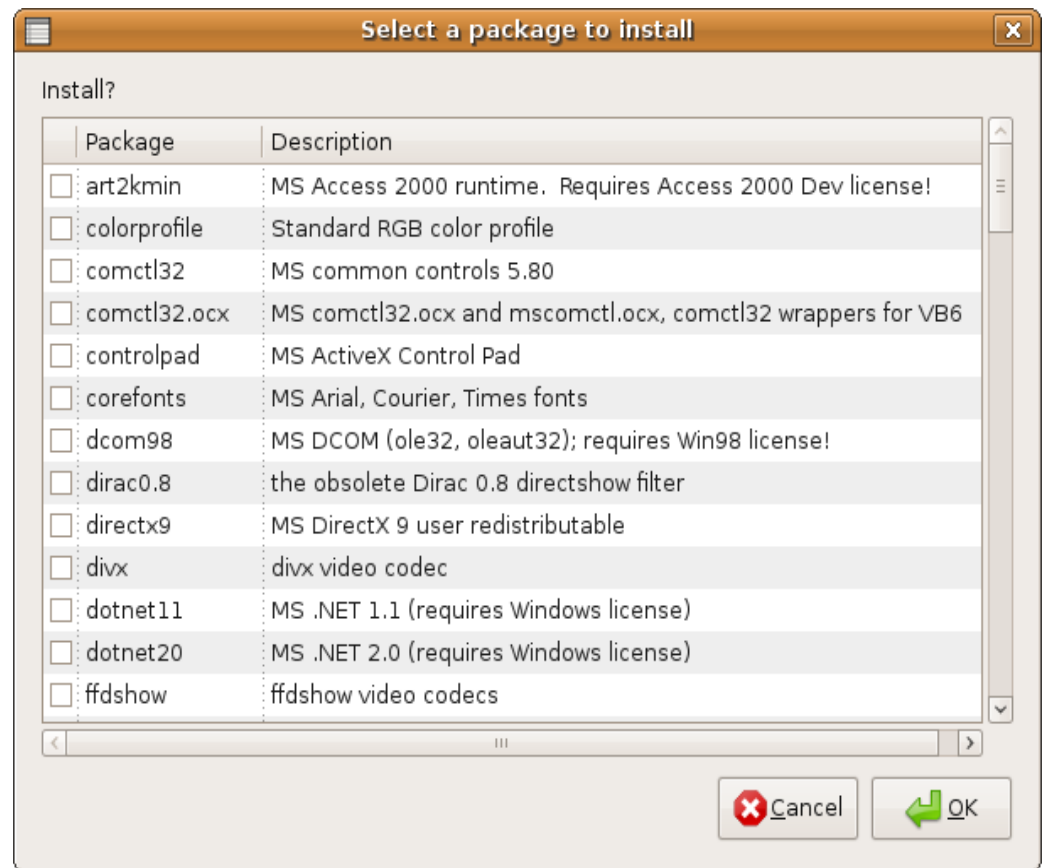
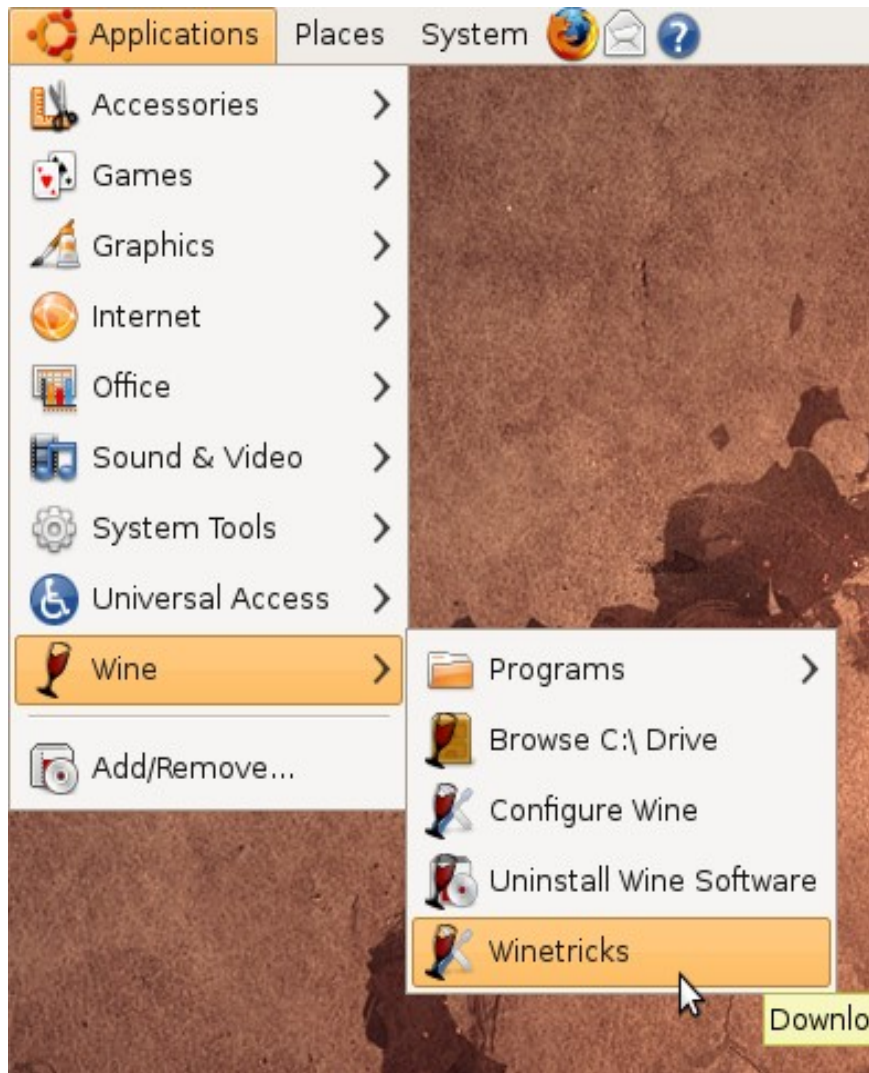
Maintainers of this version:

- [Rosanne](#)

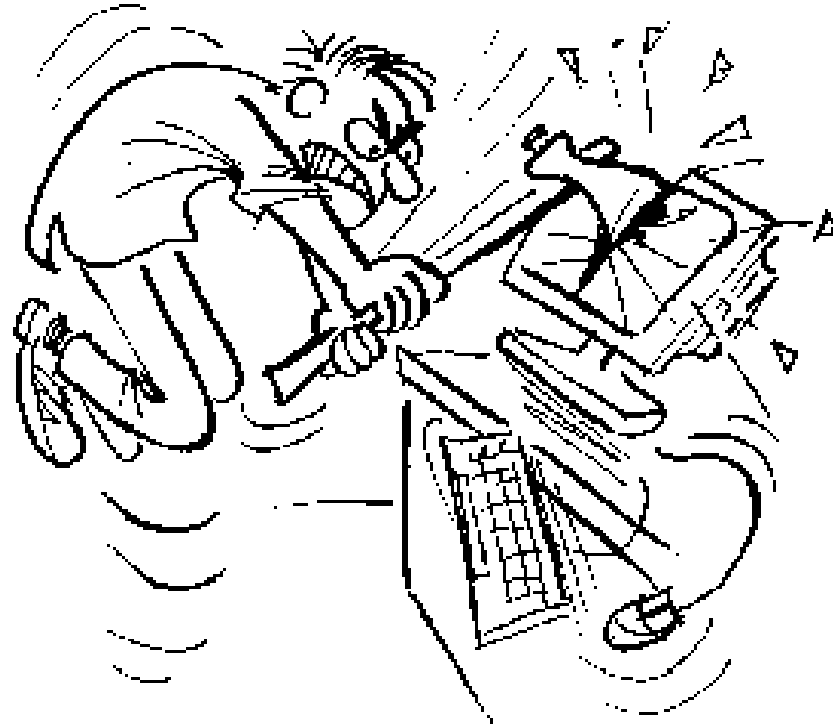
Except - some apps have crash bugs you have to work around ...



... with winecfg



... or **Winetricks**



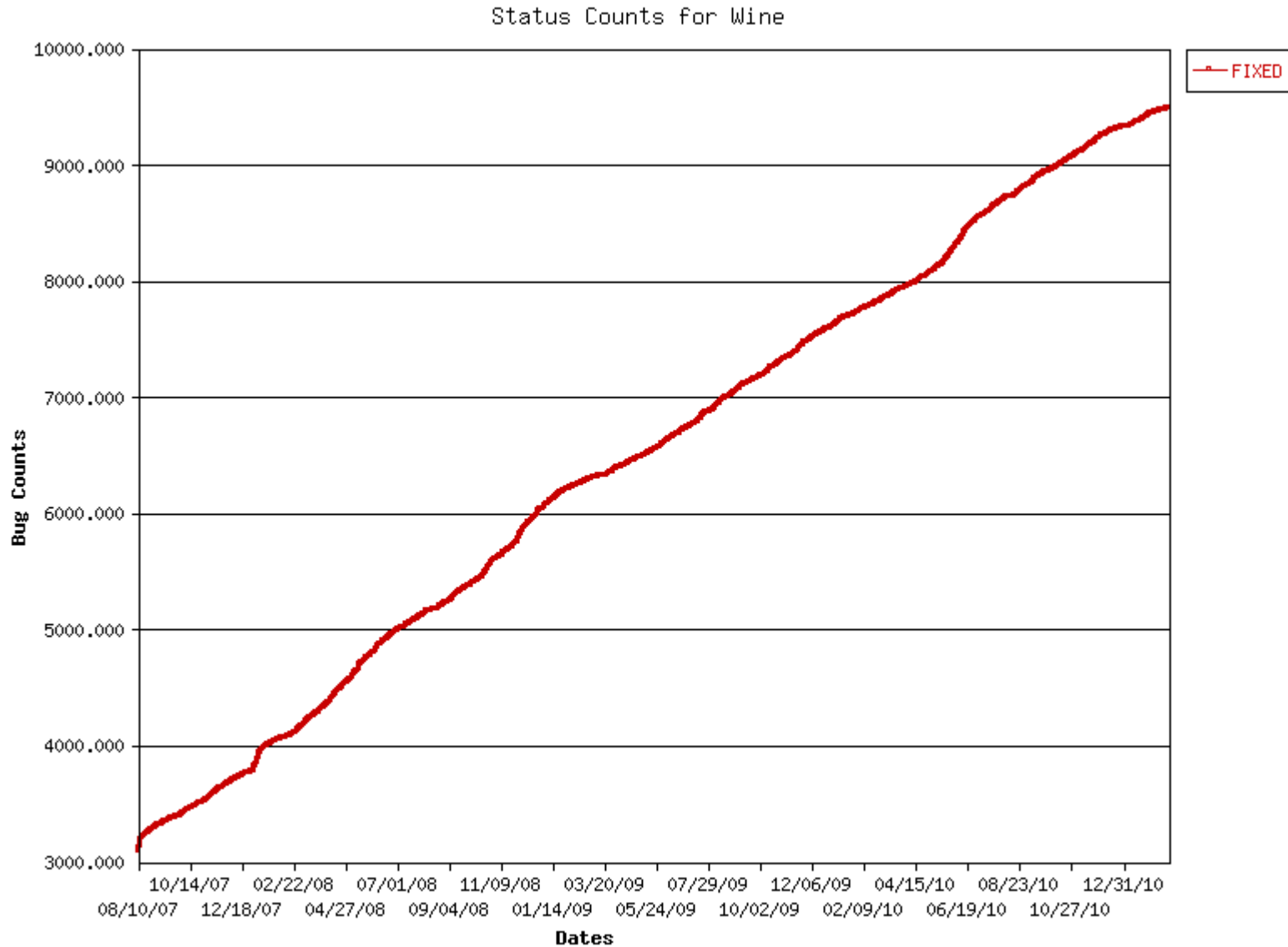
The search for workarounds is tedious and frustrating, especially when there **is** no workaround.

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search ID: nsun278

Sometimes, the workarounds for app X will
break app Y



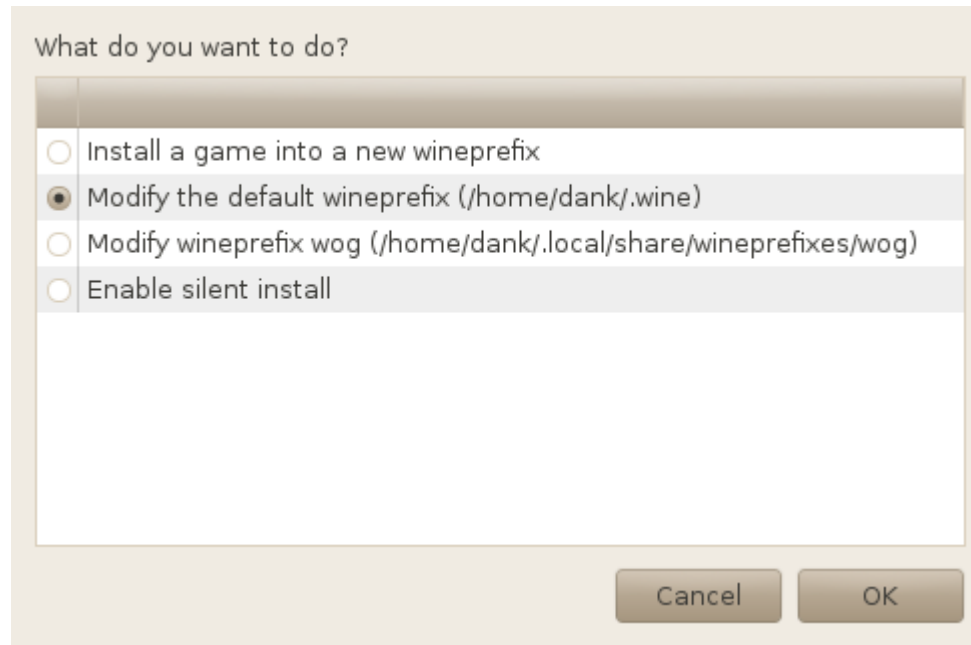
Wine bugs are fixed steadily, so eventually,
no workarounds will be needed...



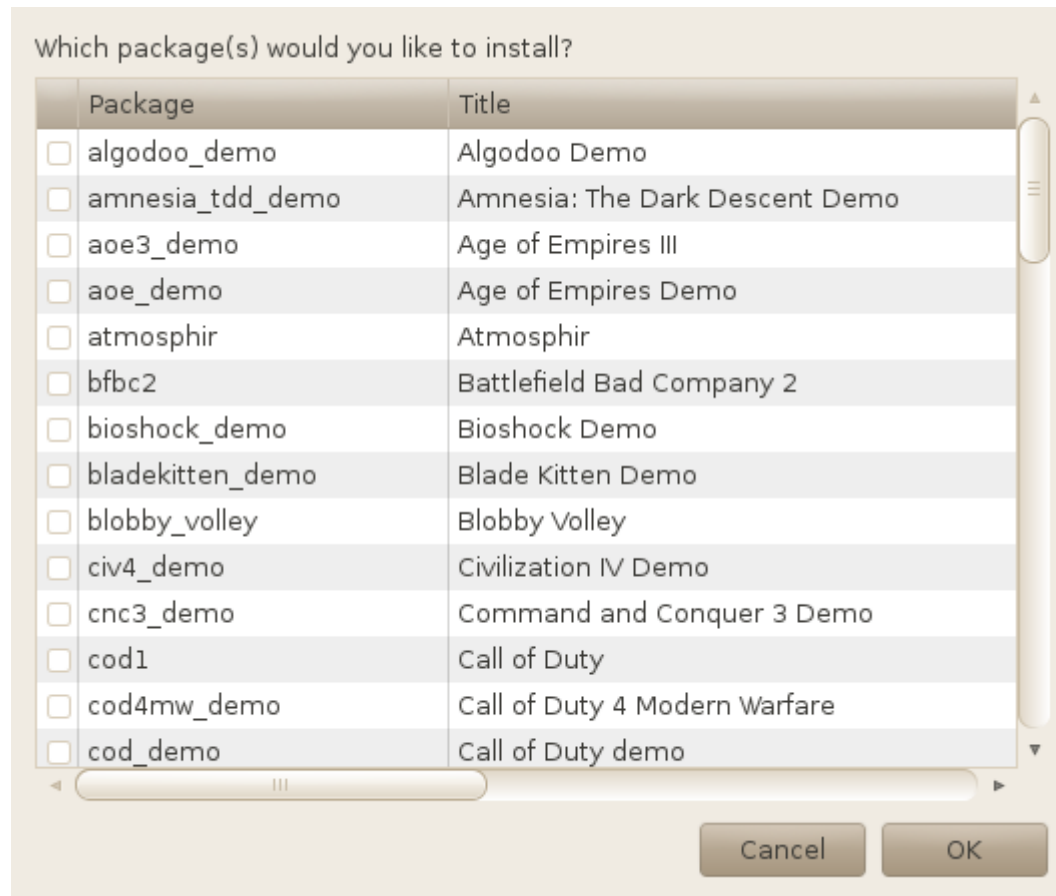
... but until then, we need a way to shield users from the complexity.

Popular wine frontends:

- Codeweavers Crossover (2002...)
- Winetricks (2007...)
- PlayOnLinux (2007...)



The Winetricks gui puts each game into its own wineprefix



Only games known to work in Wine are listed



The games show up in the system menu

```
w_metadata osmos_demo games \  
  title="Osmos demo" \  
  publisher="Hemisphere Games" \  
  year="2009" \  
  media="download" \  
  file1="OsmosDemo_Installer_1.5.6.exe" \  
  installed_exe1="$W_PROGRAMS_X86_WIN/OsmosDemo/OsmosDemo.exe"  
  
load_osmos_demo()  
{  
  w_download \  
http://gamedaily.newaol.com/pub/OsmosDemo_Installer_1.5.6.exe  
  
  cd "$W_CACHE/$W_PACKAGE"  
  $WINE OsmosDemo_Installer_1.5.6.exe  
}
```

**If your game is missing, add it yourself, and
contribute your change to winetricks.org**

```
for verb in `winetricks games list`  
do  
    if ! winetricks -q $verb  
    then  
        echo FAIL: $verb failed  
    fi  
done
```

**winetrickstest uses “silent mode” to
verify all verbs download and install ok**

Remaining Problems

- ActiveX
- Relative mouse motion
- Performance
- MS .Net
- WPF
- DirectX11



#1 bug requiring a patch to Wine:
support relative mouse events (bug 6971)

Opportunities abound

- Do a Google Summer of Code project
- Contribute game scripts to Winetricks
- Help companies using Wine
- Know C & GPUs? Talk to Codeweavers



Questions?

Slides online at kegel.com/wine/scale9x

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If your group would like a Wine presentation, please contact me

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