Install Adobe-Air Applications in Wine

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Revision History

Revision 1.2	10/09/17	JG

Many older educational study materials do only support Windows. For example the German editor Hüber produced many of its language programs with `Adobe AIR`. Unfortunately Adobe abandoned `AIR for Linux` a long time ago. Since then there was no way to run Adobe AIR applications on Linux machines. The improvements in `wine 1.8` together with some `winetricks` now allows `Adobe AIR` applications to run with `wine`. This note explains the setup.

Install Adobe AIR in wine

1. Most of the following is inspired by this manual Manual[1].

> ⚠ You need a recent version of `wine`. The one I tested and worked for me is: `wine 1.8.3-3~bpo8+1` from the *Debian backports* repository.

```
sudo apt-get install wine winetricks
# test your wine installation
wine notepad
winetricks wininet
```

The last command `winetricks    wininet` did not work for me. "As a workaround, I downloaded the file from one of the other mirrors (http://www.filewatcher.com/m/W2KSP4_EN.EXE.135477136-0.html) and copied the `.exe` file into `/home/USER/.cache/winetricks/win2ksp4`, then run again the script and all went smoothly. URL.[2] "

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[1] http://jcward.com/Installing+AIR+Apps+On+Linux
[2] https://github.com/Winetricks/winetricks/issues/600

```
winetricks wininet
```

⚠️ Update 8.9.2017: a reader reported that with version `Wine 2.0` (and newer) the command `winetricks wininet` is not necessary at all and will lead to problems. So best first try without it.

"I also like to disable to spurious FIXME messages that spew out of Wine by default (and typically just clutter useful logs and serious error messages):"

```
export WINEDEBUG=fixme-all
echo 'export WINEDEBUG=fixme-all' >> ~/.bashrc
```

2. Get *Adobe Air* https://get.adobe.com/air/otherversions/

Choose:

- *Windows* and
- *Adobe AIR 22.0 for Win32*

```
wine AdobeAIRInstaller.exe
```

Install AIR application in wine

1. Install helper script to launch `airappinstaller.exe` [3]

```
echo 'find ~/.wine -name "airappinstaller.exe" | head -n 1 |
 xargs -I % wine "%" `winepath -w $1`' | sudo tee /usr/local/bin/
install_air_app

sudo chmod a+x /usr/local/bin/install_air_app
```

2. Install AIR application

```
wine "/media/cdrom/Planetino 2 iKB Installer.exe"
```

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[3] Source [http://jcward.com/Installing+AIR+Apps+On+Linux]

Run AIR application

```
env WINEPREFIX="/home/<your home directory>/.wine" wine-stable C:\\Program
\ Files\\Hueber\\Planetino\ 2\ iKB\\Planetino\ 2\ iKB.exe
```

Run AIR application