

AOO 3.4 Unofficial Developer Snapshots

This page provides links to unofficial developer snapshot builds. The builds are provided by community volunteers until there are build-bots providing automated builds for all platforms.

NOTE: This page lists development snapshots for version 3.4, that was released in final form in May 2012. If you are looking for current development snapshots, see [Development Snapshot Builds](#).

IMPORTANT: These builds are intended to be used for early testing by other community volunteers. They have no release quality and should not be installed in a production environment. Developer snapshots can be unstable and are expected to have bugs.

Please report problems revealed by installation and testing of a snapshot as soon as possible. Found issues should be submitted in the [issue tracker](#). Issues, along with subsequent issue-investigation and -resolution updates, are announced automatically on the ooo-issues mailing list.

Developer snapshots by Revision Number

The current SVN Revision Number of the repository is used to identify snapshots built from the Subversion Repository that is current as of that revision. The revision numbers are shown in the reporting of individual commits on the ooo-commits mailing list. The commits made between successive snapshots can also be determined by reviewing SVN logs, down to the revision history of individual source-code files.

NOTE: The provided *unofficial* developer builds here should always be based on the same revision number to align and coordinate our early QA efforts. It is not intended to keep older builds at this time for reference.

[Apache OpenOffice - Source Releases](#)
[Apache OpenOffice - full installation sets](#)
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NOTE: The snapshot builds this week are full install sets to test system integration and upgrades. Please be aware of potential problems and backup your user directory.

CAUTION:

On Windows, if you change the install paths for parallel installation, keep the new path names as short or shorter than the built-in names. Paths longer than 72 characters can cause mysterious failures to install. ([Bug 118823](#))

Apache OpenOffice - Source Releases

You can find a source release snapshot based on the same revision **r1309668** under [src_release](#). All necessary information how to verify the signature etc. can be found there. Feedback is welcome on the **ooo-dev** mailing list.

Apache OpenOffice - full installation sets

Language	Windows Intel MSI	Linux Intel RPM	Linux Intel DEB	Linux x86-64 RPM	Linux x86-64 DEB	MacOS Intel	Solaris Intel	Solaris SPARC	IBM OS/2, eComStation
English (en-US)	r1325589	r1327774	r1327774	r1327774	r1327774	r1325589	r1343313	3.4.0	r1327774
German (de)	r1325589	r1327774	r1327774	r1327774	r1327774	r1325589			r1327774
French (fr)	r1325589	r1327774	r1327774	r1327774	r1327774	r1325589			r1327774
Spanish (es)	r1325589	r1327774	r1327774	r1327774	r1327774	r1325589			r1327774
Italian (it)	r1325589	r1327774	r1327774	r1327774	r1327774	r1325589			r1327774
Japanese (ja)	r1325589	r1327774	r1327774	r1327774	r1327774	r1325589			
Chinese China (zh-CN)	r1325589	r1327774	r1327774	r1327774	r1327774	r1325589			
Dutch (nl)	r1325589	r1327774	r1327774	r1327774	r1327774	r1325589			r1327774

Brazilian (pt-BR)	r1325589	r1327774	r1327774	r1327774	r1327774	r1325589			
Chinese Taiwan (zh-TW)	r1325589	r1327774	r1327774	r1327774	r1327774	r1325589			
Hungarian (hu)	r1325589	r1327774	r1327774	r1327774	r1327774	r1325589			
Finnish (fi)	r1325589	r1327774	r1327774	r1327774	r1327774	r1325589			
Czech (cs)	r1325589	r1327774	r1327774	r1327774	r1327774	r1325589			
Arabicn (ar)	r1325589	r1327774	r1327774	r1327774	r1327774	r1325589			
Galician (gl)	r1325589	r1327774	r1327774	r1327774	r1327774	r1325589			
Russian (ru)	r1325589	r1327774	r1327774	r1327774	r1327774	r1325589			r1327774

The

[r*****](#)

links provides full normal install sets instead of development builds to test upgrades and system integration.

This install sets are also mirrored at <ftp://bircher2.nine.ch/AOO/devsnap/r1293550/en-US/>

Apache OpenOffice - multi-lingual full installation sets

Language	Windows Intel MSI	Linux Intel RPM	Linux Intel DEB	Linux x86-64 RPM	Linux x86-64 DEB	MacOS Intel	Solaris Intel	Solaris SPARC
English (en-US) German (de), French (fr), Spanish (es), Italian (it), Japanese (ja), Chinese China (zh-CN), Dutch (nl), Brazilian (pt-BR) Chinese Taiwan (zh-TW) Hungarian (hu) Russian (ru)	r1303653 additional: Finnish (fi) and Czech (cs) r1303653 incl. presenter extensions						r1293550	

The

[r*****](#)

links provides full normal install sets instead of development builds to test upgrades and system integration.

This install sets are also mirrored at <ftp://bircher2.nine.ch/AOO/devsnap/r1293550/>

Apache OpenOffice - language packs

Language	Windows Intel MSI	Linux Intel RPM	Linux Intel DEB	Linux x86-64 RPM	Linux x86-64 DEB	MacOS Intel	Solaris Intel	Solaris SPARC	IBM OS/2, eComStation
German (de)	r1303653	r1327774	r1327774	r1327774	r1327774		r1293550		r1327774
French (fr)	r1303653	r1327774	r1327774	r1327774	r1327774		r1293550		r1327774
Spanish (es)	r1303653	r1327774	r1327774	r1327774	r1327774		r1293550		r1327774
Italian (it)	r1303653	r1327774	r1327774	r1327774	r1327774		r1293550		r1327774
Japanese (ja)	r1303653	r1327774	r1327774	r1327774	r1327774		r1293550		
Chinese (zh-CN)	r1303653	r1327774	r1327774	r1327774	r1327774		r1293550		

Brazilian (pt-BR)	r1303653	r1327774	r1327774	r1327774	r1327774		r1293550		
Dutch (nl)	r1303653	r1327774	r1327774	r1327774	r1327774		r1293550		r1327774
Hungarian (hu)	r1303653	r1327774	r1327774	r1327774	r1327774				
Russian (ru)	r1303653	r1327774	r1327774	r1327774	r1327774				r1327774
Trad. Chinese (zh-TW)	r1303653	r1327774	r1327774	r1327774	r1327774				
Finnish (fi)	r1303653	r1327774	r1327774	r1327774	r1327774				
Czech (cs)	r1303653	r1327774	r1327774	r1327774	r1327774				

The

[r*****](#)

links provides full normal install sets instead of development builds to test upgrades and system integration.

Apache OpenOffice SDK

Language	Windows Intel MSI	Linux Intel RPM	Linux Intel DEB	Linux x86-64 RPM	Linux x86-64 DEB	MacOS Intel	Solaris Intel	Solaris SPARC
English (en-US)	r1325589	r1327774	r1327774	r1327774	r1327774	r1325589	r1293550	

The

[r*****](#)

links provides full normal install sets instead of development builds to test upgrades and system integration.

Used build flags for developer snapshots

MacOS

I prepare my source tree to have a fresh clean tree without any output. I update the sources to the revision number that we have agreed on and use the following switches to build the snapshots. I use pre-built versions of dmake and epm. And I use the pre-built mozilla libs.

```

#!/bin/bash

echo "### checking for unowinreg.dll ... "
if [ ! -e ./external/unowinreg/unowinreg.dll ]; then
    wget -O external/unowinreg/unowinreg.dll http://tools.openoffice.org/unowinreg_prebuild/680/unowinreg.dll
else
    echo " unowinreg.dll found"
fi

echo "### checking for moz prebuild libs ... "
if [ ! -e ./moz/zipped/MACOSXGCCInc.zip ]; then
    cp ~/dev/backup/moz_prebuild/MACOSXGCCInc.zip ./moz/zipped/MACOSXGCCInc.zip
    cp ~/dev/backup/moz_prebuild/MACOSXGCCLib.zip ./moz/zipped/MACOSXGCCLib.zip
    cp ~/dev/backup/moz_prebuild/MACOSXGCCRuntime.zip ./moz/zipped/MACOSXGCCRuntime.zip
else
    echo " moz prebuild libs found"
fi

echo "### autoconf ..."
if [ ! -e ./configure ]; then
    autoconf
else
    rm ./configure
    autoconf
fi

echo "### Configure"
./configure --with-build-version="$(date +"%Y-%m-%d %H:%M:%S (%a, %d %b %Y)")" \
    --disable-build-mozilla --enable-verbose --enable-category-b --enable-minimizer --enable-presenter-
console --enable-wiki-publisher --enable-bundled-dictionaries \
    --with-dmake-path=/Users/jsc/dev/tools/bin/dmake --with-epm=/Users/jsc/dev/tools/bin/epm/epm --with-lang="
en-US ar de cs fr es gl it ja zh-CN pt-BR nl hu ru zh-TW fi"

./bootstrap

cd instsetoo_native/util

build --all -P4 --P4

dmake openofficedev_en-US openofficedev_en-US_de_fr_es_it_ja_zh-CN_pt-BR_nl sdkoodev_en-US
ooodevlanguagepack_de ooodevlanguagepack_fr ooodevlanguagepack_es \
    ooodevlanguagepack_it ooodevlanguagepack_ja ooodevlanguagepack_zh-CN ooodevlanguagepack_pt-BR
ooodevlanguagepack_nl

```

Windows

I (Oliver, orw at apache.org) used a pre-built version of dmake and pre-built mozilla libraries (main/moz/zipped/). Additionally, I copied the following libraries and files into my clean and fresh source tree:

- main/external/dbghelp/DbgHelp.Dll
- main/external/gdiplus/gdiplus.dll
- main/external/msvc71/msvcr71.dll
- main/external/msvc80/msvc80.dll
- main/external/msvc80/msvcr80.dll
- main/external/msvc90/Microsoft.VC90.CRT.manifest
- main/external/msvc90/msvcm90.dll
- main/external/msvc90/msvc90.dll
- main/external/msvc90/msvcr90.dll

Since rev. 1296433 I have installed the DirectX SDK. Thus, DirectX is no longer disabled.

I also applied since rev. 1296433 suggestions from issue 118821. Thus, ATL and ActiveX are no longer disabled.

My configure options are:

```
--with-cl-home="/cygdrive/c/Program Files (x86)/Microsoft Visual Studio 9.0/VC" \
--with-mspdb-path="/cygdrive/c/Program Files (x86)/Microsoft Visual Studio 9.0/Common7/IDE" \
--with-frame-home="/cygdrive/c/Program Files/Microsoft SDKs/Windows/v6.1" \
--with-psdk-home="/cygdrive/c/Program Files/Microsoft SDKs/Windows/v6.1" \
--with-midl-path="/cygdrive/c/Program Files/Microsoft SDKs/Windows/v6.1/Bin" \
--with-asm-home="/cygdrive/c/Program Files (x86)/Microsoft Visual Studio 9.0" \
--with-jdk-home="/cygdrive/c/Program Files (x86)/Java/jdk1.6.0_27" \
--with-csc-path="/cygdrive/c/Program Files (x86)/Microsoft Visual Studio 9.0/SDK/v3.5" \
--with-ant-home="/cygdrive/c/AOO/ant" \
--with-dmake-path=c:/AOO/sources/devtools/dmake.exe \
--with-external-tar=c:/AOO/sources/ext_sources \
--without-junit \
--enable-pch \
--disable-binfiler \
--enable-category-b \
--enable-bundled-dictionaries \
--disable-build-mozilla \
--with-mozilla-build=c:/mozilla-build \
--with-lang="en-US ar de cs fr es gl it ja zh-CN pt-BR nl hu ru zh-TW fi" \
--with-vendor="orw at apache.org"
```

Linux

I (Ariel Constenla-Haile) build on a default installation of Ubuntu 10.04.3 LTS (Lucid Lynx) live-cd image (<http://mirror.switch.ch/ftp/mirror/ubuntu-cdimage/lucid/>) with the following switches:

```
./configure \
--with-packager-list=/mnt/build/aoo/aoo-dev-pack.lst \
--with-build-version="$(date +"%Y-%m-%d %H:%M:%S (%a, %d %b %Y)" - Rev. $(echo $(git svn info) | sed -e 's/^.*Last Changed Rev: //g' -e 's/ .*//g'))" \
--enable-verbose \
--enable-category-b \
--disable-build-mozilla \
--enable-minimizer \
--enable-presenter-console \
--enable-wiki-publisher \
--enable-bundled-dictionaries \
--enable-opengl \
--enable-dbus \
--enable-gstreamer \
--with-package-format="rpm deb" \
--with-lang="de es fr it ja pt-BR zh-CN nl" \
--with-dmake-path=$HOME/src/dmake/INST/bin/dmake \
--with-epm=$HOME/src/epm-3.7/INST/bin/epm \
--with-mingwin=i586-mingw32msvc-c++ \
```

To speed up the building process I use prebuild mozilla (built by myself on the same environment).

The switch `--with-packager-list` points to the following [packaging list](#).

Finally I build with:

```
build --html --all -P8 -- -P4
```

I had to add the following packages to build AOO with the above mentioned switches:

```

sudo apt-get install \
rpm \
autoconf \
libarchive-zip-perl \
g++ \
libcups2-dev \
libpam-dev \
openjdk-6-jdk \
gperf \
libfreetype6-dev \
libgtk2.0-dev \
libxaw7-dev \
bison \
flex \
libgconf2-dev \
libgnomevfs2-dev \
libdbus-glib-1-dev \
libgstreamer-plugins-base0.10-dev \
mesa-common-dev \
libgl1-mesa-dev \
libglu1-mesa-dev \
ant \
junit4 \
libidl-dev

```

Solaris

I (Mouette Yang) build in the platform Solaris 10 u10 8/11 x86, and use SolarisStudio12.3 Compiler:<http://www.oracle.com/technetwork/server-storage/solarisstudio/overview/index.html>

Some need build environment tools is placed here:http://www.openfoundry.org/of/download_path/ossd/3.4.0m1_Rev1227012/BuildAOO-Env-GNUtools_solaris_i86pc.pkg

And need subversion can be download in here:<http://www.blastwave.org/>

Env variables is set:

```

export CC=/opt/solarisstudio12.3/bin/cc
export CXX=/opt/solarisstudio12.3/bin/CXX
export LD_LIBRARY_PATH=/opt/solarisstudio12.3/lib:/usr/sfw/lib
export PATH=/usr/gnu/bin/:$PATH:/usr/sfw/bin

```

And my configure options are:

```

./configure \
--disable-mozilla \
--disable-cups \
--with-system-python \
--enable-presenter-console \
--enable-wiki-publisher \
--enable-minimizer \
--with-lang=[lang options...] \
--with-junit=[junit.jar's path] \
--with-build-version=[Date and revision]

```

And other need package and developer snapshot's modify, i write a script, can auto deal with these things until build finish:

```

#!/usr/bin/tclsh8.5
package require platform
set confarea "/DocumentArea/scripts"
#Write a file "AOO-LANG", place it in $confarea , it define language list, it will modify
#languages list in file "main/instsetoo_native/util/pack.lst" and configure's parametre "--with-lang"

```

```

set buildarea "/BuildArea/ooo"
#Define AOO source place.

set os [platform::identify]
set buildbin "main/solenv/bin/build.pl"
set svnrev [lindex [lindex [split [exec /opt/csw/bin/svn info $buildarea] \n] 9] end ]
set builddate [clock format [clock seconds] -format "%Y-%m-%d %H:%M:%S"]
set dev_parametre ""

#=====Define AOO Build Type=====
#option :normal,devsnap
# "normal" is normal installation sets
# "devsnap" is Developer Snapshots

set buildtype "devsnap"
#=====

#=====Define Special Platform Parametres=====
set solaris10_special "--disable-mozilla --disable-cups --with-system-python \
--enable-presenter-console --enable-wiki-publisher --enable-minimizer"
set solaris11_special ""
set linux_special ""
#=====
if {$os=="solaris2.10-ix86"} { set os_parametre $solaris10_special }
if {$os=="solaris2.11-ix86"} { set os_parametre $solaris11_special }

#=====Define Compiler and System Env=====
if {$os=="solaris2.10-ix86" || $os=="solaris2.11-ix86"} {
    set CC "/opt/solarisstudio12.3/bin/cc"
    set CXX "/opt/solarisstudio12.3/bin/CC"
    set PATH "/usr/gnu/bin:/usr/bin:/usr/sbin:/usr/sfw/bin:/usr/ccs/bin"
    set LD_LIBRARY_PATH "/opt/solarisstudio12.3/lib:/usr/sfw/lib"
    set platenv "SolarisX86Env.Set.sh"
}
#=====

#=====Define Language=====
set lf [open "$confarea/AOO-LANG" r]
set langlist [lrange [split [read $lf] \n] 0 end-1]
close $lf
set lang_parametre "\"$langlist\""
foreach i $langlist {
    append lanlist1 "$i,"
    append lanlist2 "$i|"
}
set lanlist1 [string range $lanlist1 0 end-1]
set lanlist2 [string range $lanlist2 0 end-1]
#=====

#=====Autres=====
set autre_parametre "--with-junit=/BuildArea/junit.jar "
#Add other need parametres,ex junit's place
#=====

#=====Define Build Type=====
if {$buildtype=="normal"} {
    set buildwork "cd $buildarea/main/instsetoo_native\n"
    append buildwork "LD_LIBRARY_PATH=$LD_LIBRARY_PATH $buildarea/$buildbin --all"
}

if {$buildtype=="devsnap"} {
    set buildwork "cd $buildarea/main/instsetoo_native\n"
    set utilpath "$buildarea/main/instsetoo_native/util/"
    file copy -force $utilpath/makefile.mk $utilpath/makefile.mk-bak
    file copy -force $utilpath/pack.lst $utilpath/pack.lst-bak
    set fm [open $utilpath/makefile.mk r]
    set pakmk [split [read $fm] \n]
    close $fm
    set fm [open $utilpath/makefile.mk w]
    foreach i $pakmk {
        if {$i=="ALLTAR : openoffice sdkoo_en-US ure_en-US"} {

```

```

        puts $fm "ALLTAR : updatepack"
    } else {
        puts $fm $i
    }
}
close $fm

set fp [open $utilpath/pack.lst w]
puts $fp "OpenOffice_Dev_multilang          unxlngi6.pro,unxlngx6.pro,unxmacxi.pro,unxsoli4.pro,unxsols4.pro,
wntmsci12.pro          $lanlist1    openofficedev"
puts $fp "OpenOffice_Dev_SDK              unxlngi6.pro,unxlngx6.pro,unxmacxi.pro,unxsoli4.pro,unxsols4.pro,
wntmsci12.pro    en-US      sdkoodev"
puts $fp "OpenOfficeDevLanguagepack      unxlngi6.pro,unxlngx6.pro,unxmacxi.pro,unxsoli4.pro,unxsols4.pro,
wntmsci12.pro          $lanlist2    oodevlanguagepack"
close $fp

append buildwork "LD_LIBRARY_PATH=$LD_LIBRARY_PATH $buildarea/$buildbin --all"

}
#=====

#====Generate Build Script=====
set f [open $buildarea/buildaoo.sh w]
puts $f "#!/usr/bin/bash"
puts $f "cd $buildarea/main"
puts $f "CC=$CC CXX=$CXX PATH=$PATH LD_LIBRARY_PATH=$LD_LIBRARY_PATH \
    $buildarea/main/configure $os_parametre --with-lang=$lang_parametre \
    $autre_parametre $dev_parametre --with-build-version=\"$builddate - Rev.$svnrev\""
puts $f "sed 's/sh/bash/' $buildarea/main/fetch_tarballs.sh > tmp"
puts $f "cat tmp > $buildarea/main/fetch_tarballs.sh"
puts $f "bash $buildarea/main/bootstrap"
puts $f ". $buildarea/main/$platenv"
puts $f $buildwork
close $f
#=====

#=====Start Build=====
set mf [open /tmp/mstat w]
puts $mf "Building AOO ..."
close $mf
cd $buildarea/main/instsetoo_native
exec -ignorestderr sh $buildarea/buildaoo.sh > $buildarea/buildlog
set mf [open /tmp/mstat w]
puts $mf "Idle"
close $mf
#=====

```

Define language list in this file "/DocumentArea/scripts/AOO-LANG"
(if \$confarea is /DocumentArea/scripts):

```

en-US
de
es
fr
ru
pt-BR
zh-CN
zh-TW
ja
it
nl

```