

IdentityCall: BUILD INSTALLER GUIDE

HOW TO BUILD A JITSI INSTALLER

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0. ABOUT

The aim of this document is to explain how to set the system environment in order to build an installer package for Jitsi.

1. SOFTWARE REQUIREMENTS

-Cygwin:

include libs "make, gcc & g++"

<http://cygwin.com/setup.exe>

-MinGW:

(only gcc, no g++) (use installation file .zip, taken into account that build.xml is looking for a sub-folder x86 y x64 into MinGW root folder)

<http://sourceforge.net/projects/mingw/files/latest/download>

Install in C:\MinGW\x86

-copy mingw-make.exe to make.exe (folder C:\MinGW\x86{-}\bin)

-bzip2:

(v1.0.5 in this case): install in C:\MinGW\bzip2

<http://gnuwin32.sourceforge.net/downloads/bzip2.php>

-XZ:

(v5.0.3 in this case): unzip in C:\MinGW\xz

<http://tukaani.org/xz/xz5.0.3windows.zip>

-make for win32:

(v3.8.1 in this case)

<http://gnuwin32.sourceforge.net/downlinks/make.php>

-wix35-binaries:

(v3.5 in this case): unzip in C:\Program Files\WiX

-Use binaries (wix35-binaries.zip), not WiX .msi installer.

<http://wix.codeplex.com/releases/view/60102#DownloadId=204418>

-ant:

(v1.8.3 in this case): unzip in C:\apache-ant-1.8.3

<http://ant.apache.org/bindownload.cgi>

-jdk1.6:

(v1.6.0_31 in this case)

2. ENVIRONMENT VARIABLES:

- Export variables containing:

- ANT_HOME=C:\apache-ant-1.8.3

- JAVA_HOME=C:\Program Files (x86)\Java\jdk1.6.0_31

- Add to PATH :

%ANT_HOME%\bin

C:\MinGW\bin

C:\cygwin\bin

C:\MinGW\msys\1.0

C:\Program Files\WiX

C:\Program Files (x86)\Gnuwin32\Make\bin

3. ADDITIONAL TASKS:

- Edit "installers.properties" adding path for JRE files to add into installer and/or for JRE (.zip or folder) files.

- Compile project.

4. EXECUTE build SCRIPT

- Launch Cygwin terminal

- Go to /cygdrive/.../{dir_root Jitsi}

-Execute:

- ant build-installation-wix (to create an installer for windows x86)
- ant build-installation-wix-64 (to create an installer for windows x64)
- ant build-installation-linux (to create an installer for linux)

- ant dmg (to create an installer for MacOSX, *only run on MacOSX*)