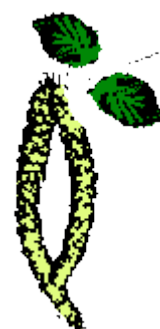


## **docoll packagers guide**



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# 1 Introduction

This is the packager's guide for the docoll system.

## 1.1 Related docoll documentation

In descending order of likely usefulness to a new reader:

- "docoll system introduction"
- "docoll directories and files"
- "docoll sysadmin guide"
- "docoll rsync server sysadmin guide"
- "docoll Windows rsync client sysadmin guide"
- "docoll GNU-Linux rsync client sysadmin guide"
- "docoll collating and indexing scripts developer's guide"
- "docoll interactive search developer's guide"

## 2 Overview

There is an overview of the docoll system in related document "docoll system introduction".

## 3 Packaging

### 3.1 docoll\_gnulinix\_client-0.7.4.tgz

No changes from earlier release, previously called 0.5.

TODO: complete this section

### 3.2 docoll\_gnulinix\_client\_all-0.7.4.tgz

On the project files system:

```
project_dir=/home/c/d/Projects/docoll; \
version=0.7.4; \
tarball=docoll_gnulinix_client_all-0.7.4.tgz; \
tmp_dir=/tmp/docoll_packaging.$$
cd "$project_dir/Versions/$version" \
  && mkdir $tmp_dir \
  && cp -p \
    tarballs/docoll_gnulinix_client-0.7.4.tgz \
    'Documentation/docoll GNU-Linux rsync client sysadmin guide'* \
    $tmp_dir \
  && cd $tmp_dir \
  && zip -r $project_dir/Versions/$version/tarballs/$tarball * \
  && cd \
  && rm -fr $tmp_dir
```

### 3.3 docoll\_server-0.7.4.tgz

On the development system:

```
version=0.7.4
~docoll/bin/archive_docoll_server.sh $version
```

On the project files system:

```
dev_sys=CW8vDS; \
project_dir=/home/c/d/Projects/docoll; \
version=0.7.4; \
tarball=docoll_server-$version.tgz; \
cd $project_dir/Versions/$version/tarballs \
&& scp docoll@$dev_sys:Repository/docoll_server-$version.tgz .
```

### 3.4 docoll\_windows\_client-0.7.4.zip

On the project files system:

```
project_dir=/home/c/d/Projects/docoll; \
version=0.7.4; \
zip=docoll_windows_client-$version.zip; \
cd "$project_dir/Versions/$version/Windows files" \
&& zip -r ../tarballs/$zip \
AUTHORS LICENCE docoll_cwrsync.vbs samples
```

### 3.5 docoll\_windows\_client\_all-0.7.4.zip

On the project files system:

```
project_dir=/home/c/d/Projects/docoll; \
version=0.7.4; \
zip=docoll_windows_client_all-$version.zip; \
tmp_dir=/tmp/docoll_packaging.$$
cd "$project_dir/Versions/$version" \
&& mkdir $tmp_dir \
&& cp -p \
tarballs/docoll_windows_client-$version.zip \
'Pre-requisite software/cwRsync_4.0.5_Installer.zip' \
'Documentation/docoll Windows rsync client sysadmin guide'* \
$tmp_dir \
&& cd $tmp_dir \
&& zip -r $project_dir/Versions/$version/tarballs/$zip * \
&& cd \
&& rm -fr $tmp_dir
```

### 3.6 docoll\_documentation\_odf-0.7.4.tgz

On the project files system:

```
project_dir=/home/c/d/Projects/docoll; \
version=0.7.4; tarball=docoll_documentation_odf-$version.tgz; \
cd $project_dir/Versions/$version/Documentation \
&& tar cvzf $project_dir/Versions/$version/tarballs/$tarball RELEASE docoll*.odt
```

### 3.7 docoll\_documentation\_pdf-0.7.4.tgz

On the project files system:

```
project_dir=/home/c/d/Projects/docoll; \
version=0.7.4; tarball=docoll_documentation_pdf-$version.tgz; \
```

```
cd $project_dir/Versions/$version/Documentation \
&& tar cvzf $project_dir/Versions/$version/tarballs/$tarball RELEASE docoll*.pdf
```

### 3.8 docoll\_all-0.7.4.tgz

On the project files system:

```
project_dir=/home/c/d/Projects/docoll
version=0.7.4
tarball=$project_dir/Versions/$version/tarballs/docoll_all-$version.tgz
tmp_dir=/tmp/docoll_packaging.$$
mkdir $tmp_dir \
&& cd "$project_dir/Versions/$version/tarballs" \
&& gpg --detach-sign docoll_gnulinu_client-$version.tgz \
&& gpg --detach-sign docoll_server-$version.tgz \
&& gpg --detach-sign docoll_windows_client-$version.zip \
&& cp -p \
    docoll_gnulinu_client-$version.tgz \
    docoll_gnulinu_client-$version.tgz.sig \
    docoll_server-$version.tgz \
    docoll_server-$version.tgz.sig \
    docoll_windows_client-$version.zip \
    docoll_windows_client-$version.zip.sig \
    $tmp_dir \
&& cd "$project_dir/Versions/$version/Documentation" \
&& cp -p RELEASE docoll*.odt docoll*.pdf \
    $tmp_dir \
&& cd "$project_dir/Versions/$version/Pre-requisite software" \
&& cp -p * \
    $tmp_dir \
&& cd $tmp_dir \
&& tar cvzf $tarball * \
&& cd \
&& rm -fr $tmp_dir
```

Generating the .sig files (gpg --detach-sign) requires Charles' passphrase, recorded in his KeePassX Safe Notes.

## 4 Appendix – archive\_docoll\_server.sh

Used on the docoll development server to set owner, group and permissions and create the tarball.

TODO: the list of files should be read in from a configuration file.

```
#!/bin/bash

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#
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# it under the terms of the GNU General Public License as published by
# the Free Software Foundation; either version 2 of the License, or
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#
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# along with this program; if not, write to the Free Software
# Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
```

```

# Configure script environment
export PATH=/usr/bin:/bin
set -e
set -o nounset
unalias -a

# Parse arguments
[[ $# -ne 1 ]] && { echo 'No version given'; exit 1; }
version=$1

# Configuration
archive=~/.Repository/docoll_server-$version.tgz
files="
/opt/docoll/$version/LICENCE
/opt/docoll/$version/RELEASE
/opt/docoll/$version/bin/CollatedFile.rb
/opt/docoll/$version/bin/Log.rb
/opt/docoll/$version/bin/SourceFile.rb
/opt/docoll/$version/bin/analyse_omindex_log.sh
/opt/docoll/$version/bin/backup_db.sh
/opt/docoll/$version/bin/bash_lib.sh
/opt/docoll/$version/bin/clean.rb
/opt/docoll/$version/bin/collate.rb
/opt/docoll/$version/bin/docoll_db_lib.rb
/opt/docoll/$version/bin/docoll_lib.rb
/opt/docoll/$version/bin/omindex.sh
/opt/docoll/$version/bin/parse_cfg_for_bash.rb
/opt/docoll/$version/bin/pdftotext_wrapper.sh
/opt/docoll/$version/bin/run_scripts.sh
/opt/docoll/$version/bin/unoconv_wrapper.sh
/opt/docoll/$version/bin/unrtf_wrapper.sh
/opt/docoll/$version/samples/backup_db.cfg
/opt/docoll/$version/samples/apache
/opt/docoll/$version/samples/collate.cfg
/opt/docoll/$version/samples/cronjob
/opt/docoll/$version/samples/omega.conf
/opt/docoll/$version/samples/omindex.sh.cfg
/opt/docoll/$version/samples/run_scripts.cfg
/opt/docoll/$version/samples/templates/docoll
/opt/docoll/$version/samples/templates/inc/anyalldropbox
/opt/docoll/$version/samples/templates/inc/duplicatesdropbox
/opt/docoll/$version/samples/templates/inc/file_ext_checkboxes
/opt/docoll/$version/samples/templates/inc/instance_cfg
/opt/docoll/$version/samples/templates/inc/toptermjs
"

# Set ownerships
chown -R docoll:docoll /opt/docoll/$version || { echo 'Failed!'; exit 1; }

# Set permissions
find /opt/docoll/$version/ -type d -exec chmod 755 {} \;
find /opt/docoll/$version/bin -type f -exec chmod 555 {} \;
find /opt/docoll/$version/samples -type f -exec chmod 644 {} \;
cd /opt/docoll/$version
chmod 444 bin/*lib.rb bin/bash_lib.sh LICENCE RELEASE

# Create archive
echo "Archiving version $version scripts and config samples to $archive:"
tar -cvzf $archive $files
ls -l $archive

# Display

```

```
echo 'These are the files written to the archive:'  
ls -l $files
```

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Version 1.3, 3 November 2008

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