

unarchive

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1 bin/unarchive

```
#!/bin/bash
datadir="$(dirname "$(readlink -e "$0")")/../share/unarchive"
(
  if [ "x" != "x${1}" ]
5   then
    for a in "${@}"
    do
      echo "${a}"
    done
10  else
    cat
  fi
) |
while read ident
15 do
  mkdir -p "${ident}" &&
  wget -nv -O "${ident}/${ident}_files.xml" "http://www.archive.org/download/${ident}
    ↪ ${ident}_files.xml" &&
  cat "${ident}/${ident}_files.xml" |
  xsltproc "${datadir}/unarchive_md5.xsl" - |
20  grep -v "\\.xml$" > "${ident}/${ident}.md5"
  cat "${ident}/${ident}_files.xml" |
  xsltproc "${datadir}/unarchive.xsl" - |
  while read file
  do
25    mkdir -p "${ident}/${(dirname ".$file")}"
    wget -nv -c -P "${ident}/${(dirname ".$file")}" "http://www.archive.org/
      ↪ download/${ident}/${file}"
  done
  echo "***** checking download of '${ident}' *****"
  wd="$(pwd)" ; cd "${ident}" ; md5sum -c "${ident}.md5" |
30  sed 's|OK|\\033[1;32mOK\\033[0m|' |
  sed 's|FAILED|\\033[1;31mFAILED\\033[0m|' |
```

```

    xargs -n 1 -d '\n' echo -e ; cd "${wd}"
done

```

2 bin/unarchive_collection

```

#!/bin/bash
bindir="$(dirname "$(readlink -e "$0")")"
datadir="${bindir}/../share/unarchive"
(
5   if [ "x" != "x${1}" ]
    then
        for a in "${@"}
        do
            echo "${a}"
10        done
        else
            cat
        fi
    ) |
15 while read collection
do
    mkdir -p "${collection}"
    wd="$(pwd)"
    cd "${collection}"
20   wget -nv -O "${collection}.rss" "http://www.archive.org/services/collection-✓
        ↵ rss.php?collection=${collection}"
    cat "${collection}.rss" |
    grep "<guid>" | sed "s|</guid>||" | sed "s|.*||" |
    "${bindir}/unarchive"
    cd "${wd}"
25 done

```

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    <http://www.gnu.org/licenses/>.

    The GNU General Public License does not permit incorporating your program
670 into proprietary programs. If your program is a subroutine library, you
    may consider it more useful to permit linking proprietary applications with
    the library. If this is what you want to do, use the GNU Lesser General
    Public License instead of this License. But first, please read
    <http://www.gnu.org/philosophy/why-not-lgpl.html>.

```

4 Makefile

```

DATADIR = $(DESTDIR)/$(prefix)/share/unarchive
BINDIR = $(DESTDIR)/$(prefix)/bin

```

```
all:
```

```
clean:
```

```
install:
```

```

    install -d $(DATADIR)
10    install -m 644 share/unarchive/*.xsl $(DATADIR)
    install -d $(BINDIR)
    install -m 755 bin/unarchive $(BINDIR)/unarchive
    install -m 755 bin/unarchive_collection $(BINDIR)/unarchive_collection

```

5 README

```
unarchive
```

```
download original files from archive.org
```

```
usage without installation
```

```

10 $ cat idents.txt | ./bin/unarchive
    $ cat collections.txt | ./bin/unarchive_collection

```

installation example

15 -----

```
$ DESTDIR=$HOME prefix=opt make install
```

usage after installation

20 -----

```
$ cat idents.txt | unarchive
$ cat collections.txt | unarchive_collection
```

25

important security note

30 this script trusts archive.org metadata and might overwrite arbitrary
files on your system as a result!

legal information

35 -----

```
unarchive -- download original files from archive.org
Copyright (C) 2008,2009,2016 Claude Heiland-Allen <claude@mathr.co.uk>
```

40 This program is free software: you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
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45 This program is distributed in the hope that it will be useful,
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50 You should have received a copy of the GNU General Public License
along with this program. If not, see <<http://www.gnu.org/licenses/>>.

6 share/unarchive/unarchive_md5.xsl

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:output method="text" />
<xsl:template match="/">
5   <xsl:for-each select="files/file">
      <xsl:choose>
        <xsl:when test="@source='original'">
          <xsl:value-of select="md5" /><xsl:text> *</xsl:text><xsl:value-of select="↵
            ↳ @name" /><xsl:text>
        </xsl:when>
        </xsl:choose>
      </xsl:for-each>
    </xsl:template>
  </xsl:stylesheet>
```

10

7 share/unarchive/unarchive.xml

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:output method="text" />
<xsl:template match="/">
5   <xsl:for-each select="files/file">
      <xsl:choose>
        <xsl:when test="@source='original'">
          <xsl:value-of select="@name" /><xsl:text>
10  </xsl:text>
        </xsl:when>
      </xsl:choose>
    </xsl:for-each>
  </xsl:template>
</xsl:stylesheet>
```