#!/bin/bash

# makegetlist -- bash shell script to create the getlist script.
#
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# ISTS/Dartmouth College  Hanover, NH
# makegetlist Copyright (C) 2001  Marion Bates  GNU/GPL
# Last revision November 8, 2001.
#
# If you need to change HOME, change the line below to reflect the path to the
# reverse proxy stuff.
HOME=/usr/mrp
#
# Default to N so we loop through the question at least once
CHECK0="N"
CHECK1="N"
# there is no CHECK2. I dunno why.
CHECK3="N"
CHECK4="N"

echo "This script will generate getlist, which in turn will reside on the PROXY
and will fetch the allowed-URL list from the WEBSERVER."
echo "My HOME variable is set to $HOME, so this is where I will create getlist."
echo "Is this correct? If so, please type Y or y and hit return.
If that's NOT correct, please answer N or n and edit this script such that
HOME is set correctly. (How about /usr/mrp?)"

read CHECK1
if [ "$CHECK1" = "Y" ] || [ "$CHECK1" = "y" ] ; then
  echo "OK here we go! Please answer the following questions, and I will generate
the getlist script based on your answers."
  echo "Please specify HOME for getlist to use. This should be
where your rev-proxy stuff is installed.
This is also where the URLs list will be created (and where Jeanne will look for it,
as specified in jeanne.c), and it is where getlist will expect to find the start
and stop scripts for squid and jeanne. In our examples, it is /usr/mrp."
  read GLHOME
  echo "You entered $GLHOME. Is this correct? Y(y) or N(n)"
  read CHECK0
done

if [ "$CHECK0" = "Y" ] || [ "$CHECK0" = "y" ] ; then
  while [ "$CHECK3" = "N" ] || [ "$CHECK3" = "n" ] ; do
    echo "What is the IP address of the webserver?"
    read WEBSERVIP
    echo "You entered $WEBSERVIP. Is this correct? Y(y) or N(n)"
    read CHECK3
  done

if [ "$CHECK3" = "Y" ] || [ "$CHECK3" = "y" ] ; then
  while [ "$CHECK4" = "N" ] || [ "$CHECK4" = "n" ] ; do
    echo "What is the listening port of the webserver? In our examples, 8080."
    read WEBSERVPORT
  done

echo "You entered $WEBSERVPORT. Is this correct? Y(y) or N(n)"
read CHECK4
done

if [ "$CHECK4" = "Y" ] || [ "$CHECK4" = "y" ]; then

    echo ""
    echo "Okay here we go..."
    echo ""

    echo "#!/bin/bash"

    "getlist -- bash shell script to retrieve the URL list from the webserver
    and restart the reverse proxy." "
    "Vincent Berk vberk@ists.dartmouth.edu
    ISTS/Dartmouth College Hanover, NH
    getlist Copyright (C) 2001 Vincent Berk GNU/GPL"

    HOME=$GLHOME
    OLDURLSFILE=$GLHOME/urls
    NEWURLSFILE=$GLHOME/newurls

    echo -e "GET /urls HTTP/1.0\n\n" | nc $WEBSERVIP $WEBSERVPORT | tail +11 > $NEWURLSFILE

    if [ -e "$NEWURLSFILE" ]; then
        # If the file exists...
        if [ -s "$NEWURLSFILE" ]; then
            # ...and if it's not 0 length...

            cat $NEWURLSFILE > $OLDURLSFILE
            # ...then overwrite old urls list with new.
        fi
    fi

    # Restart the squid server
    $HOME/squid stop
    sleep 1
    $HOME/squid start " > $HOME/getlist

    # Make getlist executable
    chmod 755 $HOME/getlist

    echo ""
    sleep 1
    echo "All done. Make sure that you have netcat (nc) installed and working before
you run getlist. You will probably need to have root privileges in order for
getlist to run properly."

fi

fi

fi