

# **HTTPResume**

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	<i>TITLE :</i> HTTPResume		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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<b>REVISION HISTORY</b>
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# Chapter 1

## HTTPResume

### 1.1 Welcome to HTTPResume

HTTPResume 1.0

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**Legal stuff** Lawyers enjoy reading this...

**Introduction** What is this thing anyway?

**Features** What can it do?

**Requirements** What do I need to use this?

**Giftware** No comment...

**Installation** How to install...

**Usage** Please read this

**Credits** Credit where credit's due

**History** And on the first day...

**Author** No comment...

### 1.2 Usage

HTTPResume can be started **from CLI** or **from Workbench**.

Its GUI is pretty simple. String gadgets URL, File, Proxy, Range and GMT[Offset] should contain necessary data. "<" button gadget next to URL string gadget copies text from clipboard to URL. There's a getfile gadget which calls reqtools file requester in which you can set output file name. You can also set Overwrite and No cache options using appropriate checkbox gadgets. When you've set everything, you can click on Start.

When you click on Start, HTTPResume will check validity of the arguments supplied and, if everything is OK, see if it needs to find out the size of file. When it does that, it will try to connect to the host/proxy and get requested URL. You should be able to see transfer progress during the download. If the download is successfully completed, Range field will be cleared if you've set it manually.

Final words: Please keep in mind that this program is primarily ment to be used for resuming downloads, and not for complete downloads. It can be used as HTTPGet, but only when OVERWRITE is used.

Many of you might want MUI interface. Please, do not ask me for that since I am one of those who are not very fond of it. I have spent some time on making GUI resizable and since this is very small program, I don't think GUI needs to be better.

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## 1.3 Author

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## 1.4 History

1.0 (2.4.98)

Initial version (you don't say :))

Works ;)

## 1.5 Credits

This program is partially based on HTTPGet by Steven Dick <ssd@mae.engr.ucf.edu>.

It also partially uses GadToolsBox by Jan van den Baard (I have added GUI resizing)

and

ReqTools by Nico François and Magnus Holmgren.

## 1.6 Giftware

HTTPResume giftware. If you like it and use it you should send **me** a gift. I'll leave this to your imagination...

## 1.7 Requirements

Required:

AmigaOS 2.0+

reqtools.library v38+

A TCP/IP stack such as AmiTCP or compatible

## 1.8 Features

Gives you the ability to continue interrupted downloads

Can be used from CLI or from WB

It has font adaptable non-MUI GUI? O:}

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## 1.9 Introduction

I just saw this thing on the 'net and I would like to download it!

It's 6+ MB? No problem!

[After a while]

Almost done... Few kilobytes to go... <Put your favorite reason for download to be interrupted> Aaaaaaaahhhhhhh! It can do that to me!!!

I'm sure you've been in this situation at least once. It's nice when you discover that you have to download the whole thing again just because few kBs are missing... Of course, you might be lucky to find the same thing on FTP site and continue downloading from the point it was interrupted, but it's not always like that. This program will let you continue interrupted downloads, but only from servers which support this i.e. servers that use HTTP 1.1 protocol. There are more and more servers of this type every day, so it should be easy to find them... I hope O:) (wuarchive.wustl.edu is one of those servers) Anyway, this program is intended to be just a temporary solution before all Amiga browsers become capable of supporting this feature. Note that program is called HTTPResume. You can not use it to continue interrupted FTP downloads nor any other kind except HTTP. HTTPResume will act as HTTPGet in cases when you give it XYZ protocol and even will let you this only when using proxy.

## 1.10 Disclaimer

HTTPResume

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The author reserves the right not to develop any future versions of this software package.

The author will give his best to solve any problem, if any are discovered, but is in no way required, or bound to do this.

This archive can be freely distributed provided its structure is preserved.

## 1.11 Installation

It's so simple that I didn't include an installation script O;) Copy HTTPResume to any directory which is in your path, optionally HTTPResume.guide somewhere and you're ready to go.

## 1.12 CLI

When started from CLI the template is:

URL/A,OUTFILE/A,PROXY,RANGE,OVERWRITE/S/K,NOCACHE/S/K, GMTOFFSET/N,PUBSCREEN,QUIET/S/K:

Very important! HTTPResume opens OUTFILE in "append" mode unless OVERWRITE is specified. Keep this in mind!

URL is (logically) the URL you want to download/continue downloading.

OUTFILE is the file you want to download/continue downloading to.

PROXY is proxy in format http://address.of.proxy:port. For example, http://proxy.matf.bg.ac.yu:8080.

RANGE is range you want to get. Some examples:

0-99 gets first 100 bytes

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-799 gets first 800 bytes

100- gets everything but first 100 bytes (0-99).

If you don't set RANGE (nor OVERWRITE) HTTPResume will try to be smart and figure out what range it should get. For example, if you've set OUTFILE to RAM:Testfile and RAM:Testfile already exists and it's size is 1234 bytes, HTTPResume will ask for range 1234- (because "0-1233"=1234 bytes are already there!).

OVERWRITE tells HTTPResume not to look at the size of (possibly) existing OUTFILE and to overwrite OUTFILE in case it exists (i.e. open the file in "write" mode).

NOCACHE speaks for itself. I don't think it makes much sense when resuming download.

GMTOFFSET: When resuming download with range not explicitly set by you, HTTPResume will only resume if file you are downloading is unmodified since <timestamp on OUTFILE>. Because of that, HTTPResume needs to know this value. It's number of minutes that need to be added to your local time to get GMT. This is a bit unusual, but that's the way this value is stored in struct Locale on Amiga. Anyway, you don't need to set this value if you have locale set up correctly on your system since HTTPResume will find this value for you. For example, Yugoslavia is GMT +1, so GMTOFFSET is -60 (note the change of sign).

PUBSCREEN is ignored when started from CLI... Long story...

QUIET will make HTTPResume show only error messages.

## 1.13 WB

When started from Workbench, HTTPResume will examine tooltypes of its icon.

Possible tooltypes are

STARTDIR, PROXY, OVERWRITE, NOCACHE, GMTOFFSET, PUBSCREEN and QUIET.

PROXY, OVERWRITE, NOCACHE, GMTOFFSET and QUIET have the same meaning as when program is started from **CLI**.

STARTDIR is name of directory in which reqtools file requester will open.

PUBSCREEN is name of public screen for HTTPResume to open it's window on. If invalid name is entered, the window will be opened on default public screen.

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