

# **xPackIt v1.2 documentation**

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## Chapter 1

# xPackIt v1.2 documentation

### 1.1 xPackIt v1.2 documentation

```
                                xPackIt v1.2
Shell only Data file PowerPacker packer/unpacker.
```

xPackIt and this documentation are Copyright © 1994 by Michael Barsoom.

```
Copyright & Disclaimer
-- Please read this first.

Features
-- What exactly does xPackIt do?

Requirements
-- What you need to run xPackIt.

Installation
-- How to install xPackIt.

Usage
-- How do I get it to work?

Setting Defaults
-- I don't like the default settings

Author's Address
-- How do I reach the author.

Shareware
-- Shareware information.

History
-- What has changed.
```

### 1.2 Copyright & Disclaimer

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xPackIt and this documentation are Copyright © 1994 by Michael ↔  
Barsoom.

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If you write a freely redistributable program and would like to include xPackIt with it, feel free to do so only if you send me a fully registered version of your program. Nico Francois has exclusive permission to include xPackIt with any of his programs.

Finally if you wish to include xPackIt on a disk magazine you are REQUIRED to get the author's permission FIRST. Usually this will require you to just send me a copy of the issue with xPackIt free of charge.

Please see

Address  
for how to you can reach me.

-- Disclaimer --

This product is sold "as is" without representation or warranty of any kind, either expressed or implied. The user assumes all risks and responsibilities related to its use.

## 1.3 features

xPackIt is a cli program to pack and unpack files using xpk libraries.

Features:

- o One program for packing and unpacking.
- o Will not pack executables unless told to do so.
- o Will automatically determine if a file is packed or not and then either unpack it or pack it respectively
- o Allows use of wildcards to pack/unpack whole directories.
- o Files can be encrypted, and passwords can be entered on the command line.
- o Default options can be stored in an environment variable
- o When packing/unpacking a directory which recursion on, xPackIt will maintain the directory structure in the destination directory

Thanks:

To my loving wife Barbara.

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## 1.4 requirements

xPackIt does not require much, you just need to have the following:

- 1) Workbench 2.0+
- 2) xpk libraries
- 3) ReqTools library (© Nico Francois) this is not required unless you wish to enter passwords via a requester when decrunching encrypted files

Also xPackIt must be run from shell, if you run it from WB it will just exit.

## 1.5 installation

Manual installation:

- 1) Make sure you have a xpk libraries in libs:.
- 2) Copy the appropriate xPackIt type in any directory you want, I recommend C:

## 1.6 usage

```
xPackIt ? -- there is no extended usage :-)
```

```
xPackIt v1.2 PowerPacker Data Packer/UnPacker
Copyright © 1994 by Michael J. Barsoom (Shareware)
Compilation date: <day-month-year>
```

```
Usage: xPackIt <
    source
    > [<
    destination
    >] [<Method>] [<PassWord>]
    [Efficiency 0-100] [All] [Executable] [Pack] [UnPack]
```

With

```
Method
    : Method to use for packing.
```

```
PassWord
    : Password to use for encrypting/decrypting.
```

```
Efficiency
    : Efficiency to use while packing (1-100)
```

```
All
    : Enter directories recursively (only with wildcards)
```

```
Executable
    : Pack executables also.
```

```
Pack
```

---

: Only pack files.

UnPack

: Only UnPack files.

Hit ^C to abort.

If no destination is given source will be overwritten

## 1.7 source

Files, directory, or pattern of files to Pack

If packing a group of files, you may need to hit ^C twice, once to abort packing/unpacking, and once to quit.

## 1.8 destination

The destination file or directory. This is optional, if not give the source files will be overwritten.

The destination can either be a file or a dir. If you specify a dir as the destination, the source file will be saved (either packed or unpacked) with the same name in the destination. When using wildcard, if you give a destination it MUST be a directory.

You can use "" to signify the current directory, just like AmigaDos' copy command.

To pack/unpack all files in a directory use  
xPackIt #?

To make sure all the files in a directory are packed use,  
xPackIt #? Pack

This will prevent xPackIt from unpacking files that are already packed.

If you need to use the wildcard ? use (?) instead, this is required because ? is used for the built in help.

## 1.9 method

This is where to specify the xpk suplibrary you wish to use. The ←  
default  
is 'BLZW' but this can be easily changed buy using the environment variable.

Please see

Defaults

to change the default packing mode.

## 1.10 efficiency

This options sets the efficiency with which the file should be packed. ↔

For the xpk libraries that support efficient the range is 0-100, with 0 being the worst and 100 being the best.

Please see

Defaults  
to change the default mode.

## 1.11 password

This options lets you specify the password to encrypt a file with, ↔  
or the  
password needed to unpack an encrypted file.

There is no default.

Please see

Defaults  
to set a default password.

## 1.12 executable

Pack the file even if it is an executable.

Note: You will not be able to run the packed file unless you are using xLoadSeg.

This option is off by default.

Please see

Defaults  
to change the default mode.

## 1.13 pack

This option tells xPackIt to only pack files. If a file is ↔  
already pack  
it will not be unpacked.

This option is off by default.

Please see

Defaults  
to change the default mode.

---



## 1.14 unpack

This option tells xPackIt to only unpack files. If a file is already not pack it will be left alone.

This option is off by default.  
Please see

Defaults  
to change the default mode.

## 1.15 all

This option tells xPackIt to enter all deep directories all act on all the files.  
If you specify this option, and give a destination xPackIt will preserve the directory structure, creating all needed directories.

This option is off by default.  
Please see

Defaults  
to change the default mode.

## 1.16 defaults

Starting with v1.1 you are no longer stuck with the default that I have chosen. You can now specify your own default by setting the environment variable xPackIt.

The template for ENV:xPackIt is

```
M=
    Method
    /K,PW=
    PassWord
    /K,E=
    Efficiency
    /K/N,
    All
    /S,Exe=
    Executable
    /S,
    Pack
    /S,
    UnPack
    /S:
```

Just set it as you want the default values to be.

Now you can also use the command line to toggle the values. If you specify an option in the environment variable and again on the command line it will be turned off. In other words if an option is specified on both the

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command line and the environment variable it will be as if you did not specify the option; but if an option is specified in EITHER the environment variable OR the command line it will be activated.

## 1.17 address

you can reach me at:

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Fidonet: Mike Barsoom @ 1:285/11.9  
AmigaNet: Mike Barsoom @ 40:200/10.9

## 1.18 shareware

PLEASE SUPPORT SHAREWARE!

xPackIt is shareware, however unlike most shareware authors I have not crippled it any way. You can use all of xPackIt's functions without any restrictions or annoying requesters. Please, if you use xPackIt on a regular basis, consider sending me the registration fee. Currently this amount is \$5.00 US.

Please see

Address

for how to you can reach me and where to send in your registration fee.

## 1.19 History

v1.0

- o Initial release

v1.1

- o Opps, v1.0 required an '030 or better processor.
- o Complete rewrite
- o All options can now be saved in the environment variable
- o Added directory recursion with wildcards.
- o Added options 'Pack [only]' and 'UnPack [only]'
- o Will no longer save small files which become longer as a result of being packed.

v1.2

- o When decrunching an encrypted file and a password is not given on the commandline, you will be presented with a requester to enter one.
-