

# SitReport 2.0

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So, finally, here is the long promised version 2 of *SitReport*. From what I've seen on various servers, it appears as if I have waited too long to finish it. There are now several other programs that provide the same facilities and more. Still, they usually are shareware and *SitReport* is free, as long as you do not sell it or alter it in any way.

## **What does it do?**

This program is a utility to be used in conjunction with *StuffIt 1.5.1* (and earlier), nowadays known as *StuffIt Classic*. It also works with *StuffIt Deluxe*, although it probably isn't as useful with this program since the functionality it provides is already included in *StuffIt Deluxe*.

As you all know, *StuffIt* has a facility for producing a report with some information on the contents of an archive, and save that to a text file. In the shareware version of *StuffIt* this function is severely limited in that it only reports the top-level items in the archive. This makes the report useless with hierarchical archives, which normally contains just a single folder as top-level item. Enter *SitReport* — the report generator for *StuffIt* archives!

*SitReport* produces a quite comprehensive report including file/folder hierarchy, sizes of data/resource forks, compression methods etc. The report can be saved to a text file or printed out directly from the program.

## How does it work?

When you choose **File Open Archive...** and select the archive file of your choice, you'll get a report similar to this one displayed in a window:

Contents of the StuffIt archive "SitRep2.sit".

Archive size is 546366 bytes including header info in 1 top-level file.

Archive comment:

This is a comment.

File/Folder name Rsrc Method	Type	Crea	Data Len	%Saved	Data Method	Rsrc Len	%Saved	
=====	====	====	=====	=====	=====	=====	=====	=====
SitRep 2 f:								
libs:								
UpdCrc.lib	LIB	KAHL	0	0%	None	1146	5%	RLE
SitRep.Build.π	QPRJ	PJMM	0	0%	None	405986	45%	
Huffman								
SitRep.π	QPRJ	PJMM	0	0%	None	446639	43%	
Huffman								
SitRep.π.rsrc	rsrc	RSED	0	0%	None	4233	28%	
Huffman								
SitReport	APPL	SITR	0	0%	None	56034	32%	
Huffman								
src:								
AboutBox.p	TEXT	PJMM	630	41%	Huffman	0	0%	None
CSitRepApp.p	TEXT	PJMM	2310	64%	Huffman	594	58%	
Huffman								
CSitRepDoc.p	TEXT	PJMM	5175	60%	Huffman	594	63%	
Huffman								
CSitRepFile.p	TEXT	PJMM	11035	60%	Huffman	0	0%	None
CSitRepPane.p	TEXT	PJMM	2354	57%	Huffman	594	53%	
Huffman								
SitRep.p	TEXT	PJMM	588	46%	Huffman	594	56%	
Huffman								
SitRepIntf.p	TEXT	PJMM	4408	56%	Huffman	0	0%	None
UpdCrc.c	TEXT	KAHL	2965	57%	Huffman	0	0%	None
UpdCrcIntf.p	TEXT	PJMM	534	48%	Huffman	0	0%	None
UpdCrc.π	PROJ	KAHL	0	0%	None	6906	30%	
Huffman								

Total unpacked size for this archive is 953319 bytes in a total of 15 files.  
This makes for a total saving of 43 percent.

The different items in the report are as follows:

- The archive size is the size of the actual file as stored on disk.
- The archive comment is the comment you can attach to a *StuffIt* archive by selecting the rightmost button (the balloon) in the main display.
- The files and folders are displayed with their full names and indented to show the hierarchy. They are actually allotted much more space than in the figure above, so even long names should fit in the display, even in deeply nested folders.
- Type and creator have their usual meaning.
- The sizes displayed for data and resource forks are the unpacked sizes, and the "%Saved" field shows how much space the compression has saved you.
- The data- and resource method fields shows how that particular part has been compressed, and

can be one of None, RLE (Run Length Encoding), Huffman, or Lempel-Ziv Welch.

- Finally the total unpacked size for all files, the number of files in the archive, and the total percentage of space saved is displayed.

## Features:

The creator for the saved file is preset as 'ttx' (TechText). If you don't like this, it can easily be fixed with the aid of *ResEdit* or a similar utility. The creator signature is stored in a 'STR' resource named "Filetype" (ID 1000). Just remember that this string must contain EXACTLY four (4) characters.

## Limitations:

Since the program uses TextEdit to display the text, it cannot handle reports longer than 32,000 characters. HOWEVER; even though what you see on the screen and what can be printed might be truncated, the full text for any size report will be put into a file when you select **File Save Report...**

And of course it could have been fancier in all respects etc. :^)

## Who am I?

If you would like to contact me for any reason, such as telling me what a nice person I am, inviting me out to dinner, or even (God forbid) reporting bugs, this is where you can reach me.

By the way, this program is mine, put together in my spare time, and has no association whatsoever with Microsoft. I just happen to work there — Microsoft International Product Group that is — Europe, not Redmond.

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## Legalities

*StuffIt*, *StuffIt Classic*, and *StuffIt Deluxe* are copyrighted programs by *Aladdin Software*.

*SitReport* is copyrighted by myself. The usual legal disclaimers apply.