

# **GPatchHistory**

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<b>COLLABORATORS</b>
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	<i>TITLE :</i> GPatchHistory		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY	Ralf Gruner	August 26, 2022	

<b>REVISION HISTORY</b>
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NUMBER	DATE	DESCRIPTION	NAME

# Contents

<b>1</b>	<b>GPatchHistory</b>	<b>1</b>
1.1	GPatch History . . . . .	1

# Chapter 1

## GPatchHistory

### 1.1 GPatch History

#### History

19.04.97: GCompare 1.0 / GPatch 1.0  
Initial release.

21.04.97: GCompare 1.1 / GPatch 1.1  
Bugfix. Better examples.

26.04.97: GCompare 1.2 / GPatch 1.2  
Speed improvements.

01.05.97: GCompare 1.3 / GPatch 1.3  
Bugfix (GPatch failed on the most files greater than 64KB).

11.05.97: GCompare 1.4 / GPatch 1.4  
GCompare uses a faster search algorithm.

01.06.97: GCompare 1.5 / GPatch 1.5  
New file format (shorter patch files).  
Some small changes.

05.07.97: GCompare 1.6 / GPatch 1.6  
Bugfix: Possible counter overflow with large data blocks.

23.11.97: GCompare 2.0 / GPatch 2.0  
File size limit increased (from 8MB to 2GB).  
GCompare searches matching data in the already existing patch file too.  
Three new coding algorithms.  
GCompare uses an optimizer for best results.  
Compiled with SAS/C 6.58 now.

04.12.97: GCompare 2.1 / GPatch 2.1  
Recursive mode for GPatch implemented.  
Better reaction in case of syntax errors or bad files.

14.12.97: GCompare 2.2 / GPatch 2.2  
Version messages implemented.  
Some small improvements.

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24.12.97: GCompare 2.3 / GPatch 2.3

GCompare also uses in mode 3 the list search algorithm, if possible.

GPatch detects endless loops caused by circular references of the patch file in the recursive mode now.

The version messages work better for non-C-strings.

05.01.98: GCompare 2.4 / GPatch 2.4

Fine tuning of some routines:

GCompare produces shorter patch files and works faster.

GPatch copies the protection bits from oldfile to newfile now.

GPatch options noversion and quiet added.

25.02.98: GCompare 2.5 / GPatch 2.5

GCompare: New search algorithm. Needs one megabyte more memory, but works 4 times faster.

Command line options changed. The quick mode is the default mode now.

New options auto, deep, verbose and vary.

GPatch bugfix: Incorrect error message if a non-patchfile was selected as patchfile.

Included versions for some unix platforms.

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