

rdiff(1) - Linux man page

Name

rdiff - compute and apply signature-based file differences

Synopsis

```
rdiff [options] signature old-file signature-file  
rdiff [options] delta signature-file new-file delta-file  
  
rdiff [options] patch basis-file delta-file new-file
```

Usage

You can use **rdiff** to update files, much like **rsync** does. However, unlike **rsync**, **rdiff** puts you in control. There are three steps to updating a file: **signature**, **delta**, and **patch**.

Description

In every case where a filename must be specified, - may be used instead to mean either standard input or standard output as appropriate. Be aware that if you do this, you'll need to terminate your *options* with -- or **rdiff** will think you are passing it an empty option.

Return Value

0 for successful completion, 1 for environmental problems (file not found, invalid options, IO error, etc), 2 for a corrupt file and 3 for an internal error or unhandled situation in librsync or rdiff.

See Also

[*librsync*\(3\)](#)

Author

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The original rsync algorithm was discovered by Andrew Tridgell.

rdiff development has been supported by Linuxcare, Inc and VA Linux Systems.

Referenced By

[*duplicity*\(1\)](#), [*rdiff-backup*\(1\)](#), [*rdiffdir*\(1\)](#)