

**NAME**

debugreiserfs – The debugging tool for the ReiserFS filesystem.

**SYNOPSIS**

**debugreiserfs** [ **-dDJmoqpuSV** ] [ **-j** *device* ] [ **-B** *file* ] [ **-1** *N* ]

*device*

**DESCRIPTION**

**debugreiserfs** sometimes helps to solve problems with reiserfs filesystems. When run without options it prints the super block of the ReiserFS filesystem found on the *device*.

*device* is the special file corresponding to the device (e.g /dev/hdXX for an IDE disk partition or /dev/sdXX for a SCSI disk partition).

**OPTIONS**

**-j** *device*

prints the contents of the journal. The option **-p** allows it to pack the journal with other metadata into the archive.

**-J** prints the journal header.

**-d** prints the formatted nodes of the internal tree of the filesystem.

**-D** prints the formatted nodes of all used blocks of the filesystem.

**-m** prints the contents of the bitmap (slightly useful).

**-o** prints the objectid map (slightly useful).

**-B** *file* takes the list of bad blocks stored in the internal ReiserFS tree and translates it into an ascii list written to the specified file.

**-1** *blocknumber*

prints the specified block of the filesystem.

**-p** extracts the filesystem's metadata with **debugreiserfs -p /dev/xxx | gzip -c > xxx.gz**. None of your data are packed unless a filesystem corruption presents when the whole block having this corruption is packed. You send us the output, and we use it to create a filesystem with the same structure as yours using **debugreiserfs -u**. When the data file is not too large, this usually allows us to quickly reproduce and debug the problem.

**-u** builds the ReiserFS filesystem image with **gunzip -c xxx.gz | debugreiserfs -u /dev/image** of the previously packed metadata with **debugreiserfs -p**. The result image is not the same as the original filesystem, because mostly only metadata were packed with **debugreiserfs -p**, but the filesystem structure is completely recreated.

**-S** When **-S** is not specified **-p** deals with blocks marked used in the filesystem bitmap only. With this option set **debugreiserfs** will work with the entire device.

**-q** When **-p** is in use, suppress showing the speed of progress.

**AUTHOR**

This version of **debugreiserfs** has been written by Vitaly Fertman <vitaly@namesys.com>.

**BUGS**

Please report bugs to the ReiserFS developers <reiserfs-devel@vger.kernel.org>, providing as much information as possible--your hardware, kernel, patches, settings, all printed messages; check the syslog file for any related information.

**SEE ALSO**

**reiserfsck(8)**, **mkreiserfs(8)**