Rocky Enterprise Linux 9.2 Manual Pages on command 'deb-changes.5'

$ man deb-changes.5

deb-changes(5)   dpkg suite   deb-changes(5)

NAME

    deb-changes - Debian changes file format

SYNOPSIS

    filename.changes

DESCRIPTION

    Each Debian upload is composed of a .changes control file, which contains a number of

    fields in deb822(5) format.

    Each field begins with a tag, such as Source or Binary (case insensitive), followed by a

    colon, and the body of the field (case sensitive unless stated otherwise). Fields are

    delimited only by field tags. In other words, field text may be multiple lines in length,

    but the installation tools will generally join lines when processing the body of the field

    (except in case of the multiline fields Description, Changes, Files, Checksums-Sha1 and

    Checksums-Sha256, see below).

    The control data might be enclosed in an OpenPGP ASCII Armored signature, as specified in

    RFC4880.

FIELDS

Format: format-version (required)

    The value of this field declares the format version of the file. The syntax of the

    field value is a version number with a major and minor component. Backward

    incompatible changes to the format will bump the major version, and backward

    compatible changes (such as field additions) will bump the minor version. The current

    format version is 1.8.

Date: release-date (required)

    The date the package was built or last edited. It must be in the same format as the

    date in a deb-changelog(5) entry.

    The value of this field is usually extracted from the debian/changelog file.

Source: source-name [(source-version)] (required)

    The name of the source package. If the source version differs from the binary

    version, then the source-name will be followed by a source-version in parenthesis.

    This can happen when the upload is a binary-only non-maintainer upload.

Binary: binary-package-list (required in context)

    This folded field is a space-separated list of binary packages to upload. If the

    upload is source-only, then the field is omitted (since dpkg 1.19.3).

Architecture: arch-list

    Lists the architectures of the files currently being uploaded. Common architectures

    are amd64, armel, i386, etc. Note that the all value is meant for packages that are

    architecture independent. If the source for the package is also being uploaded, the

    special entry source is also present. Architecture wildcards must never be present in

    the list.

Version: version-string (required)

    Typically, this is the original package's version number in whatever form the

    program's author uses. It may also include a Debian revision number (for non-native

    packages). The exact format and sorting algorithm are described in deb-version(7).

Distribution: distributions (required)

Lists one or more space-separated distributions where this version should be installed when it is uploaded to the archive.

Urgency: urgency (recommended)

The urgency of the upload. The currently known values, in increasing order of urgency, are: low, medium, high, critical and emergency.

Maintainer: fullname-email (required)

Should be in the format ?Joe Bloggs <jbloggs@example.org>?, and is typically the person who created the package, as opposed to the author of the software that was packaged.

Changed-By: fullname-email

Should be in the format ?Joe Bloggs <jbloggs@example.org>?, and is typically the person who prepared the package changes for this release.

Description: (recommended)

?binary-package-name - binary-package-summary

This multiline field contains a list of binary package names followed by a space, a dash (?-?) and their possibly truncated short descriptions. If the upload is source-only, then the field is omitted (since dpkg 1.19.3).

Closes: bug-number-list

A space-separated list of bug report numbers for bug reports that have been resolved with this upload. The distribution archive software might use this field to automatically close the referred bug numbers in the distribution bug tracking system.

Binary-Only: yes

This field denotes that the upload is a binary-only non-maintainer build. It originates from the binary-only=yes key/value from the changelog metadata entry.

Built-For-Profiles: profile-list

This field specifies a whitespace separated list of build profiles that this upload
was built with.

Changes: (required)

?changelog-entries

This multiline field contains the concatenated text of all changelog entries that are
part of the upload. To make this a valid multiline field empty lines are replaced
with a single full stop (?.?) and all lines are indented by one space character. The
exact content depends on the changelog format.

Files: (required)

?md5sum size section priority filename

This multiline field contains a list of files with an md5sum, size, section and
priority for each one.

The first line of the field value (the part on the same line as the field name
followed by a colon) is always empty. The content of the field is expressed as
continuation lines, one line per file. Each line consists of space-separated entries
describing the file: the md5sum, the file size, the file section, the file priority,
and the file name.

This field lists all files that make up the upload. The list of files in this field
must match the list of files in the other related Checksums fields.

Checksums-Sha1: (required)

Checksums-Sha256: (required)

?checksum size filename

These multiline fields contain a list of files with a checksum and size for each one.
These fields have the same syntax and differ only in the checksum algorithm used:
SHA-1 for Checksums-Sha1 and SHA-256 for Checksums-Sha256.

The first line of the field value (the part on the same line as the field name

followed by a colon) is always empty. The content of the field is expressed as
continuation lines, one line per file. Each line consists of space-separated entries
describing the file: the checksum, the file size, and the file name.

These fields list all files that make up the upload. The list of files in these
fields must match the list of files in the Files field and the other related Checksums
fields.

BUGS

The Files field is inconsistent with the other Checksums fields. The Changed-By and
Maintainer fields have confusing names. The Distribution field contains information about
what is commonly referred to as a suite.

SEE ALSO

deb822(5), deb-src-control(5), deb-version(7).

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