

NAME

undo_bagit - Undo a BagIt archive folder, as defined in RFC 8493 (and beyond)

SYNOPSIS

undo_bagit **(-i|-b)** *input_folder*

undo_bagit -h | -x

DESCRIPTION

Bash AVpres is a collection of Bash scripts for audio-visual preservation. One of these small programs is **undo_bagit**. It undoes an archive which was generated according to the "BagIt File Packaging Format", as designed by the Library of Congress in the U.S.A. and standardised under RFC 8493. It also supports hash algorithms which are beyond RFC 8493. This script reverts the action of the **make_bagit** command: it removes the checksum manifests and the informative files and move the contents of the data directory up one level.

Bash version 3.2 or later is strongly recommended. We advise to use the current version 5.2.

OPTIONS

BASIC OPTION

-i *input_folder*, **--input=***input_folder*
input BagIt folder

-b *input_folder*, **--bagit=***input_folder*
input BagIt folder

Note that **-b** and **--bagit** are aliases of **-i** and **--input**.

ADVANCED OPTIONS

--confirmation=(*yes|no*)

By default, the script demands confirmation from the user before undoing a BagIt archive. The option **--confirmation=no** avoids it, which is useful when the script is run in a batch process and/or chain of scripts.

--force=(*yes|no*)

By default, the script cannot undo an incomplete BagIt archive and returns an error message. The option **--force=yes** forces the processing of an incomplete BagIt archive.

INFORMATIVE OPTIONS

-h, --help

display a help message

-x, --options

display the advanced options with their default arguments and indicate if a local configuration has been defined or not

NOTES

CONFIGURATION FILE

An external configuration file

`${HOME}/.config/AVpres/Bash_AVpres/undo_bagit.txt`

can be defined, allowing the script to import alternate default values for the following options:

confirmation

force

LOG FILES

Temporary log files are stored at

`/tmp/AVpres/undo_bagit.XXXXXXXXXX`

The log files can be used for debugging, for example by running **cat** on the address prompted with fatal error messages:

`cat /tmp/AVpres/undo_bagit.XXXXXXXXXX`

SEE ALSO

RFC 8493, "The BagIt File Packaging Format (V1.0)", October 2018

<https://www.rfc-editor.org/info/rfc8493>

make_bagit(1), **modify_bagit(1)**, **update_bagit(1)** and **verify_bagit(1)**.

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