NAME

undo_bagit -- Undo a BagIt archive folder, as defined in RFC 8493

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. 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.

This script should work correctly with Bash from version 3.2 (released back on 2006-10-11), however we strongly advise using the current version 5.3.9 (released on 2025-12-10).

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

Example:
confirmation='no'
force='yes'

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 -- John A. Kunze, Justin Littman, Liz Madden and Chris Adams: "The BagIt File Packaging Format (V1.0)", October 2018
https://www.rfc-editor.org/info/rfc8493

make_bagit(1) and **verify_bagit**(1).

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