NAME

    git-show-index - Show packed archive index

SYNOPSIS

    git show-index [--object-format=<hash-algorithm>]

DESCRIPTION

    Read the **.idx** file for a Git packfile (created with **git-pack-objects**(1) or **git-index-pack**(1)) from the standard input, and dump its contents. The output consists of one object per line, with each line containing two or three space-separated columns:

⊕

first column is the offset in bytes of the object within the corresponding packfile

⊕

second column is the object id of the object

⊕

the index version is 2 or higher, the third column contains the CRC32 of the object data

    The objects are output in the order in which they are found in the index file, which should be (in a correctly constructed file) sorted by object id.

    Note that you can get more information on a packfile by calling **git-verify-pack**(1). However, as this command considers only the index file itself, it's both faster and more flexible.

OPTIONS

    --object-format=<hash-algorithm>

        Specify the given object format (hash algorithm) for the index file. The valid values are *sha1* and (if enabled) *sha256*. The default is the algorithm for the current repository (set by **extensions.objectFormat**), or *sha1* if no value is set or outside a repository..

        Note: At present, there is no interoperability between SHA-256 repositories and SHA-1 repositories.

    Historically, we warned that SHA-256 repositories may later need backward incompatible changes when we introduce such interoperability features. Today, we only expect compatible changes. Furthermore, if such changes prove to be necessary, it can be expected that SHA-256 repositories created with today's Git will be usable by future versions of Git without data loss.

GIT

Part of the **git**(1) suite