NAME

elftc_version - return a project-wide version identifier string

LIBRARY

library "libelftc"

SYNOPSIS

#include <libelftc.h>

const char *
elftc_version(*void*);

DESCRIPTION

Function **elftc_version**() returns a project-wide identifier string that encodes the source revision of the project source tree.

The returned identifier has four space-separated fields:

Project-Name   This is always "elftoolchain".

Project-Branch
              The branch name for the project source tree.

Build-OS   The operating system that the tool chain was compiled for.

Version-Number
              A tree-wide version number extracted from the version control system in use.

RETURN VALUES

Function **elftc_program_version**() returns a pointer to an internal character buffer.

EXAMPLES

To retrieve and print the current toolchain version identifier, use:

    #include <sys/types.h>
    #include <libelftc.h>

    (void) printf("%s\n", elftc_version());

On the HEAD branch of the project's sources, when checked out using Subversion and compiled on a

NetBSD host, this would print:

"elftoolchain HEAD NetBSD svn:*REVINFO*"

where *REVINFO* would be the current revision information for the project source tree.

ERRORS

Function **elftc_program_version**() always succeeds.