Converting .LIT files for fun and profit

Ah, the delights of Microsoft. First they invented a proprietary packaging system, called Microsoft Cabinets, or `.CAB` format. Then someone wrote an unpacking tool for that packaging system. Anyone can now unpack those files.

Later, they came up with a new, proprietary online-help packaging system based on the same compression code, called Microsoft HTML Help, or `.CHM` format. Then someone wrote an unpacking tool. Now you can comfortably unpack and read this proprietary format.

Now, Microsoft have innovated a book encryption system based mostly on their online-help packaging system with the addition of DES encryption, called Microsoft eBook Reader, or `.LIT` format. Guess what happened.

I am proud to host the **Open Convert-.LIT tool version 1.8**. The program is named with an amusing acronym which will put me on the automatic ban-lists of many internet filtering tools, so I won't repeat it here. This is not software I have written, other than the LZX decompressor, but that was GPLed and this is GPLed so it's all OK.

Download

Download open_c-lit-1.8.tar.gz. This is source code for UNIX or Windows.

If you are looking for a pre-compiled Windows executable, there is one available on convertlit.com, the main site for this software.

Installation

First, you need `libtommath` (available from math.libtomcrypt.com). If you don't have `wget` (as referenced below), simply download the listed file with your browser and save it in the directory where Open Convert-.LIT is unpacked.

To compile and install the program goes something like this:

```
$ gzip -cd < open_c-lit-1.8.tar.gz | tar xf -
$ wget http://math.libtomcrypt.com/files/ltm-0.30.tar.bz2
$ bzip2 -cd < ltm-0.30.tar.bz2 | tar xf -
$ cd libtommath-0.30
$ make
$ cd ../lib
$ make
$ cd ../cl?t18
$ make
```

```
# install cl?t /usr/local/bin
```

The final command is executed as `root`. On some systems, you don't get a `root` user, so type "`sudo`" before the command to get the same effect.

Usage

Usage examples are given when you run the program. This program will extract "DRM1" format .LIT files into their original XML/HTML. If you have the appropriate "keys.txt" file with your private EBook keys, you can also convert "DRM5" files to "DRM1". As I don't have a system with Microsoft Windows nor Microsoft EBook Reader, I don't know where the keys.txt file is found. I guess you have to look for it on your system.

Further

If you have trouble compiling, installing or running this software, contact the author. Also contact the author if you have any licensing inquiries.

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