

LiveCode also allows you to decode binary data into various formats using the `binaryDecode` function. For example, if you wanted to decode the 8-byte signature of PNG data into hexadecimal digits you could do the following:

```
## Assume the variable thePNGData already has PNG data stored in it.
## Convert first 8 bytes to hexadecimal digits
put binarydecode("H16", thePNGData, theSignature) into theNumConversions
## The variable theSignature now contains '89504e470d0a1a0a' if theSignature contains valid data.
put theSignature
```

Writing a Binary File From LiveCode

Writing data from LiveCode to a file is the same as loading the data - you must explicitly tell the LiveCode engine that you want to write the data as binary data.

You can choose one of two methods for writing the data.

1) Use the commands **open file**, **write to file** and **close file**.

```
put "/path/to/myimage.png" into theFilePath
open file theFilePath for binary write ## you might also use 'binary update' here to modify part of file
write theBinaryData to file theFilePath
close file theFilePath
```

2) Use the **URL** keyword with the **put** command, prefixing the file path with "binfile:".

```
put "/path/to/myimage.png" into theFilePath
put theBinaryData into URL ("binfile:" & theFilePath)
```

Either approach allows you to write binary data to a file. One difference to be aware of is that **open file** allows you the option of updating part of a file while the **put** form does not.

0 Comments