How to Decrypt (deDRM) Sony ePUB eBooks

This article was written on 13 December 2009. If you are reading this quite a while after that date, the download links might have changed. If the links are not valid, Google the programs you need to download. This document was written to be used with Windows PCs and may be freely distributed.

Legal disclaimer: I see nothing wrong with decrypting a file you bought as long as you are doing so for your private use. However, please be ethical and legal. Please do NOT distribute any decrypted Sony ePUB eBook files to others. Authors and publishers make their living selling books. Distributing decrypted ePUB eBook files is wrong on many, many levels. Thank you.

Preliminary Steps

This section (pages 1–3) contains all the steps you must take before you decrypt any Sony ePUB eBooks. There are a lot of steps in this section, but you need to complete them only once.

Install the Sony and Adobe Software

Note: The order of the steps in this section is not important, but you need to complete all of them.

- Install Sony's Reader Library 3.1 or later.

  Download the software from http://ebookstore.sony.com/download/

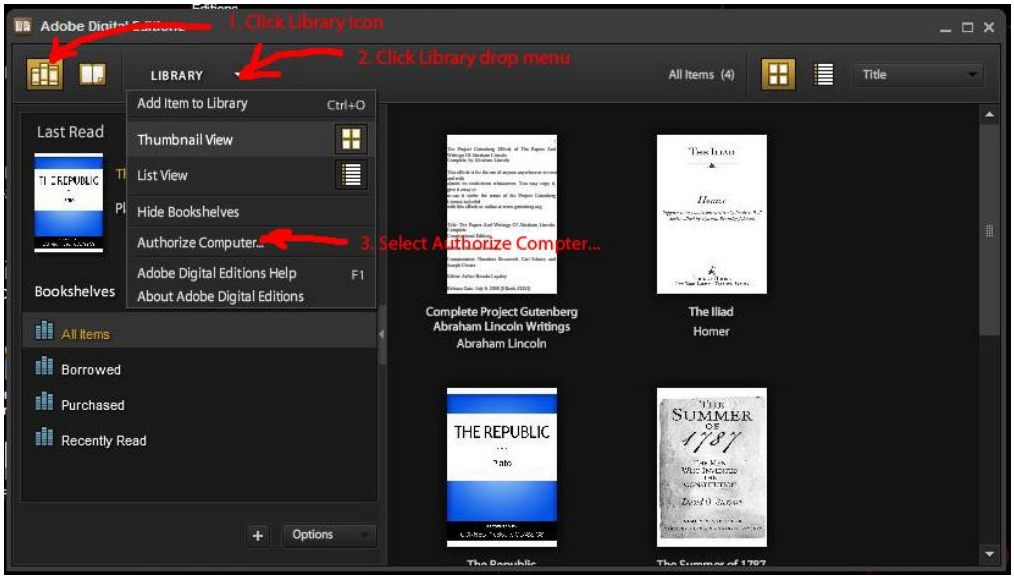
- Install Adobe Digital editions 1.7.1 or later.

  Download the software from
  http://www.adobe.com/products/digitaleditions/?promoid=DTEIO

- Authorize You PC for Adobe Digital Editions by opening Adobe Digital Editions and completing these steps in order:

  1. Click on the **Library** icon.
  2. Click the **Library** drop menu.
  3. Select the **Authorize Computer…** option.

  Note: See screenshot below.



You should get a confirmation window stating that your computer has been authorized. Click **Finished** to close the confirmation window.

Install Python 2.6.4 or Later

- Download Python 2.6.4 or later from http://www.python.org/download/

  For a windows PC you should select the **Python 2.6.4 Windows installer (Windows binary -- does not include source)** link

- Install Python 2.6.4 or later by double-clicking the **python-2.6.4.msi** file you downloaded.

Install pyCrypto 2.0.1 or Later

- Download pyCrypto 2.0.1 or later from:
  http://www.voidspace.org.uk/downloads/pycrypto-2.0.1.win32-py2.6.exe

- Install pyCrypto 2.0.1 or later by double-clicking the **pycrypto-2.0.1.win32-py2.6.exe** file you downloaded.

Locate and Download the Python Scripts

You need two Python scripts to deDRM a Sony ePUB eBook:

- ineptkey.pyw
- ineptepub.pyw

The scripts must be syntactically perfect or they won't execute properly. To save you time and stress, I have included these scripts in the zip file that contains this document.

Download an ePUB eBook from the Sony Reader Store

This part is easy. Select an ePUB eBook from the Sony Reader Store using Sony's Reader Library 3.1 or later, and download it to your PC.

Locate the ePUB eBook you Downloaded from the Sony Reader Store

For example, let's say you downloaded *The Iliad* by Homer. The file name is The_Iliad.epub.

- On a Windows XP PC the eBook should be located in the following folder:

  My Documents\My Books\Reader Library\The_Iliad.epub

- On a Windows 7 PC the eBook should be located in the following folder:

  Libraries\Documents\My Documents\My Books\Reader Library\The_Iliad.epub

Note: If you cannot find it on your PC, open Windows File Explorer and search for ****.epub*** *to locate the folder used by Sony's Reader Library to store eBooks.*

Copy the Python Scripts into the Folder Containing Your ePUB eBook

After locating the folder in which your ePUB books are stored on your computer, copy the two Python scripts (**ineptkey.pyw** and **ineptepub.pyw**) into that folder.

Run the Python Script ineptkey.pyw to obtain the Adept Encryption Key

Sony uses Adobe Adept to encrypt (DRM) their ePUB eBooks. You need to obtain the encryption key for your PC before you can deDRM any ePUB eBooks. The good part is that you only need to obtain this key one time as it is used with all of the Sony ePUB eBooks that you download to your computer via Sony's Reader Library.

- To obtain the encryption key, double-click on **ineptkey.pyw** in the folder in which you copied it.
- If the script worked correctly, a file called **adeptkey.der** will be created in the same folder containing the scripts and ePUB eBooks. You can proceed to the actual deDRM process.

From this Point Onward…

Every thing you have done up to this point was in preparation for decrypting ePUB eBooks. You do not need to repeat any of the previous steps. As a matter of fact you can now throw away pages 1–4. You will only need the page 5 from this point onward.

Decrypting Sony ePUB eBooks

Congratulations, all the preparatory steps are completed and you won't have to worry about them any more! The steps in this section are the only ones you will need to repeat to decrypt a Sony ePUB eBook.

Run the Python Script ineptepub.pyw to deDRM an ePUB eBook

You will need to run this script once for every ePUB eBook you want to deDRM. remember though that **adeptkey.der** must exist in the folder for this script to work.

1. Double-click on **ineptepub.pyw** in the folder in which you copied it. The **INEPT EPUB Decrypter** window will be displayed.

2. The **Key file** field will display **adeptkey.der**.
3. Click the Browse  button next to the **Input file** field, and select the *.epub file that you want to deDRM from the file selection window that is displayed.

   *Note: since you placed the script in the same folder as your ePUB eBooks, the *.epub file should be easy to locate in the file selection window. Alternatively, you can type the file name into the **Input file** field.*

4. In the **Output file** field, type in a unique file name for your deDRM ePUB eBook.

   *Note: Make sure you give the file name the **.epub** extension so the reader device will recognize it. I suggest using a unique file name so that you don't overwrite the original file, and so that you can tell that the file has been decrypted. For example, if the original (input) file is named* **The_Iliad.epub** *you could name the output file* **The_Iliad_decrypted.epub**.

5. Repeat steps 1–5 in this section for each file you want to decrypt.