

# Using lastFM2iTunes perl script

In order to use the script you need a perl interpreter with XML-DOM package  
If you have any trouble using the script : lastfm2itunes@gmail.com

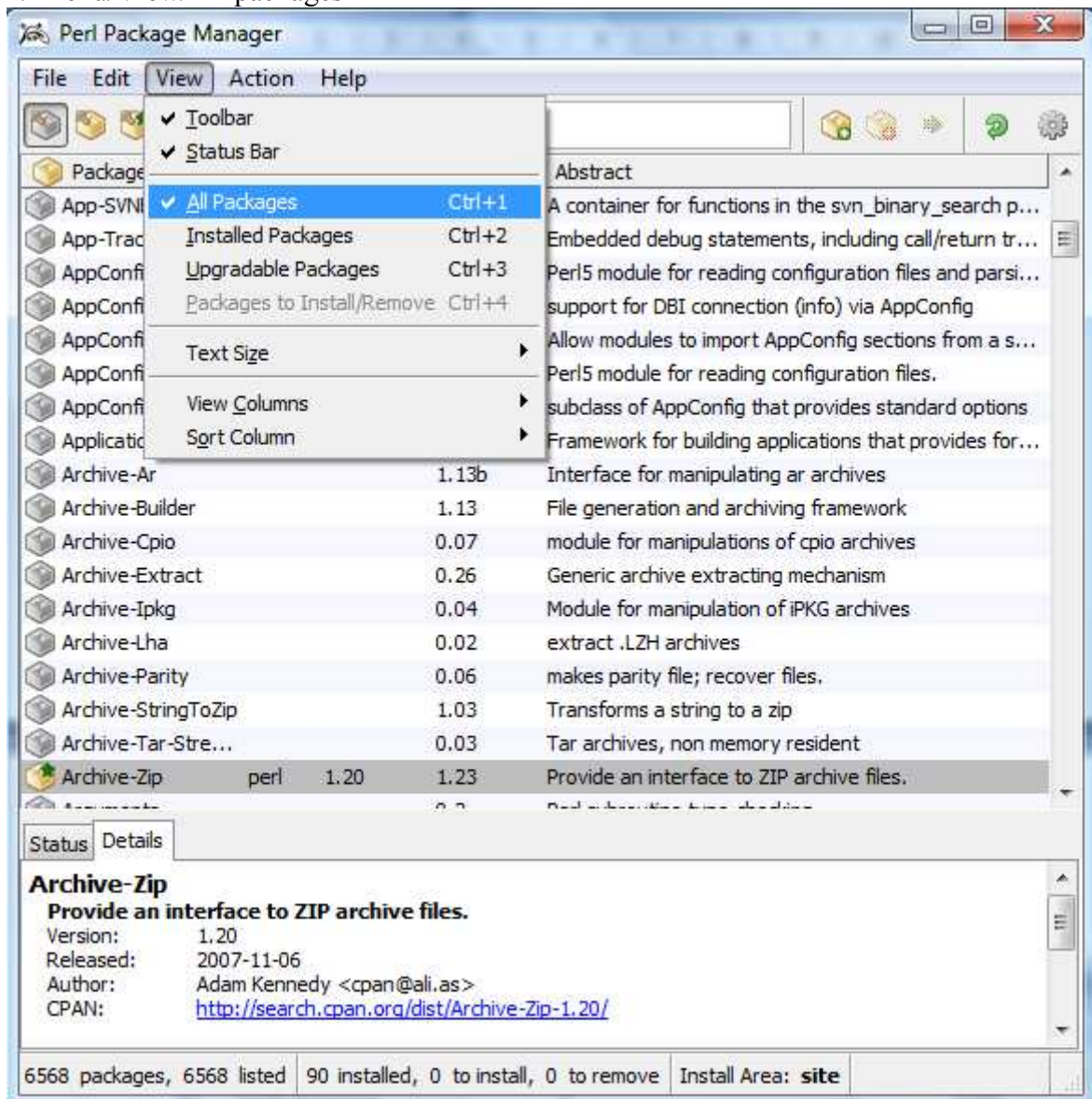
## Installing Perl interpreter

One Free interpreter is ActivePerl that you can get for free from here:  
<http://www.activestate.com/Products/activeperl/index.mhtml>

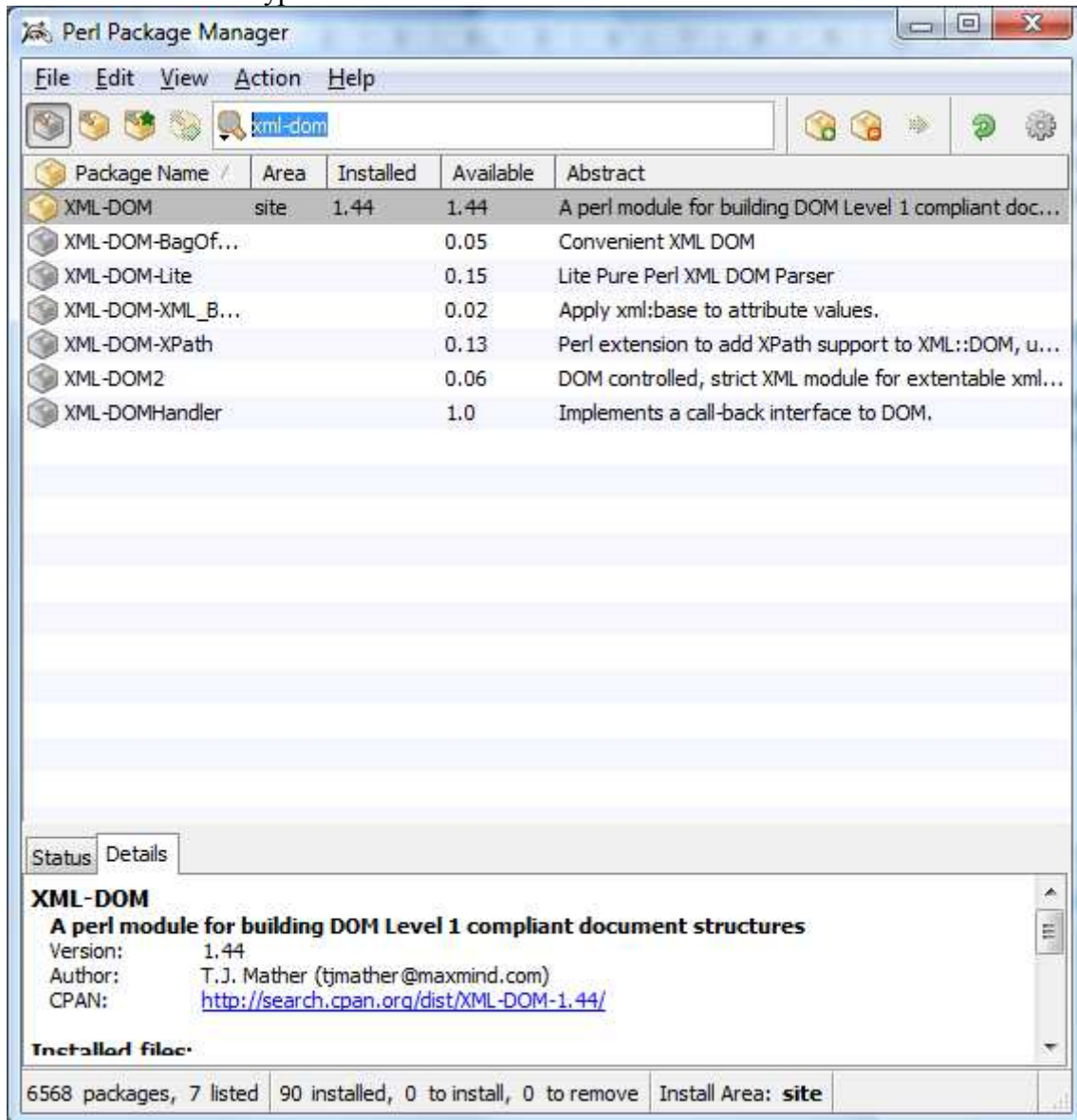
After the installation is complete you'll have to add one perl package (XML-DOM) that is not a default one

1/ From Windows Program/ActivePerl run Perl Package Manager

2/ Menu/View/All packages



3/ In the search box type 'XML-DOM'



The screenshot shows the Perl Package Manager interface. At the top, there is a search box containing the text 'xml-dom'. Below the search box is a table listing search results. The table has five columns: Package Name, Area, Installed, Available, and Abstract. The first row is highlighted, showing 'XML-DOM' in the 'site' area, with both 'Installed' and 'Available' versions listed as 1.44. Below the table, there are tabs for 'Status' and 'Details'. The 'Details' tab is active, showing information for the selected 'XML-DOM' package, including its version (1.44), author (T.J. Mather), and CPAN link. At the bottom of the window, a status bar displays package counts and the current install area.

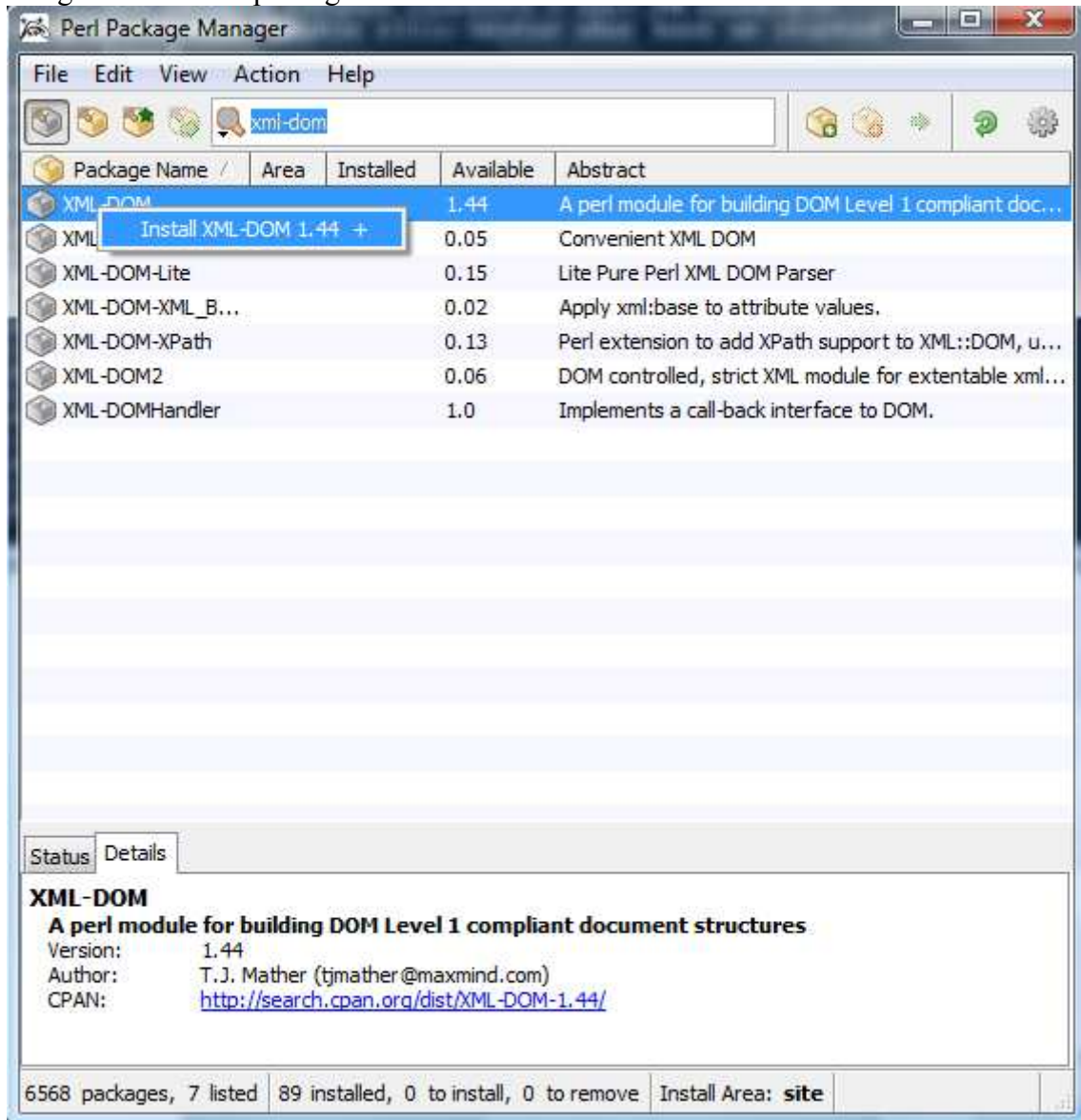
Package Name	Area	Installed	Available	Abstract
XML-DOM	site	1.44	1.44	A perl module for building DOM Level 1 compliant doc...
XML-DOM-BagOf...			0.05	Convenient XML DOM
XML-DOM-Lite			0.15	Lite Pure Perl XML DOM Parser
XML-DOM-XML_B...			0.02	Apply xml:base to attribute values.
XML-DOM-XPath			0.13	Perl extension to add XPath support to XML::DOM, u...
XML-DOM2			0.06	DOM controlled, strict XML module for extensible xml...
XML-DOMHandler			1.0	Implements a call-back interface to DOM.

**XML-DOM**  
**A perl module for building DOM Level 1 compliant document structures**  
Version: 1.44  
Author: T.J. Mather (tjmather@maxmind.com)  
CPAN: <http://search.cpan.org/dist/XML-DOM-1.44/>

**Installed files:**

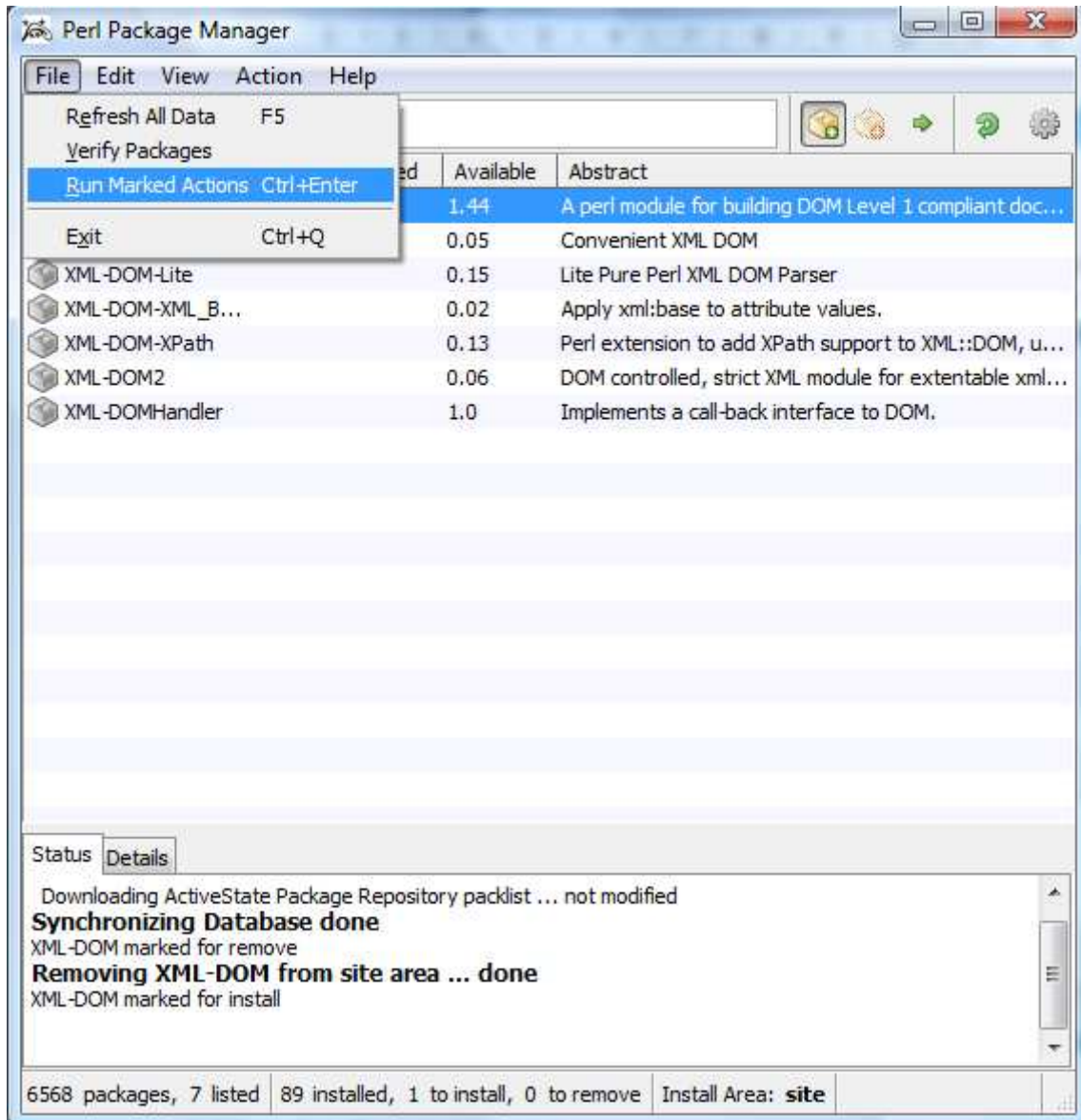
6568 packages, 7 listed | 90 installed, 0 to install, 0 to remove | Install Area: **site**

4/ right click on the package XML-DOM et click on 'Install XML-DOM'



The XML-DOM package is now marked to be installed

## 5/ Menu/File/Run marked Action

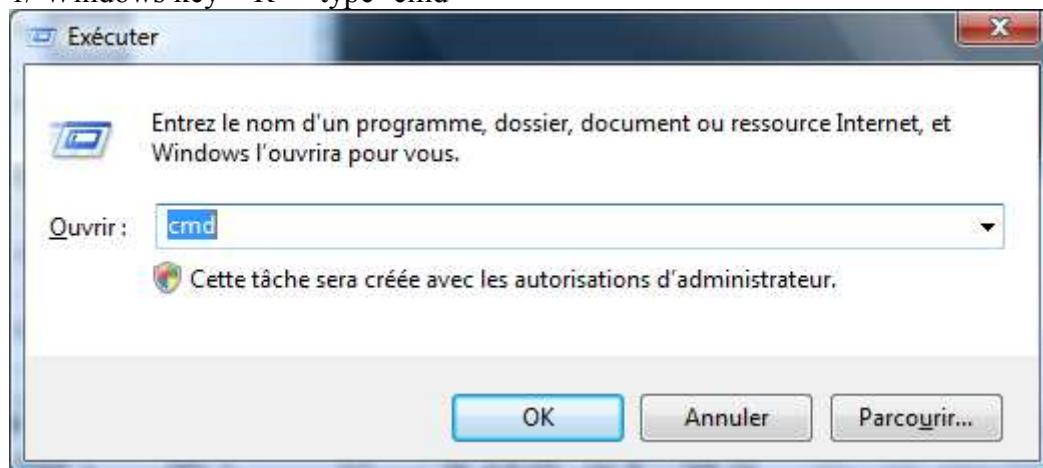


The package is now going to be installed

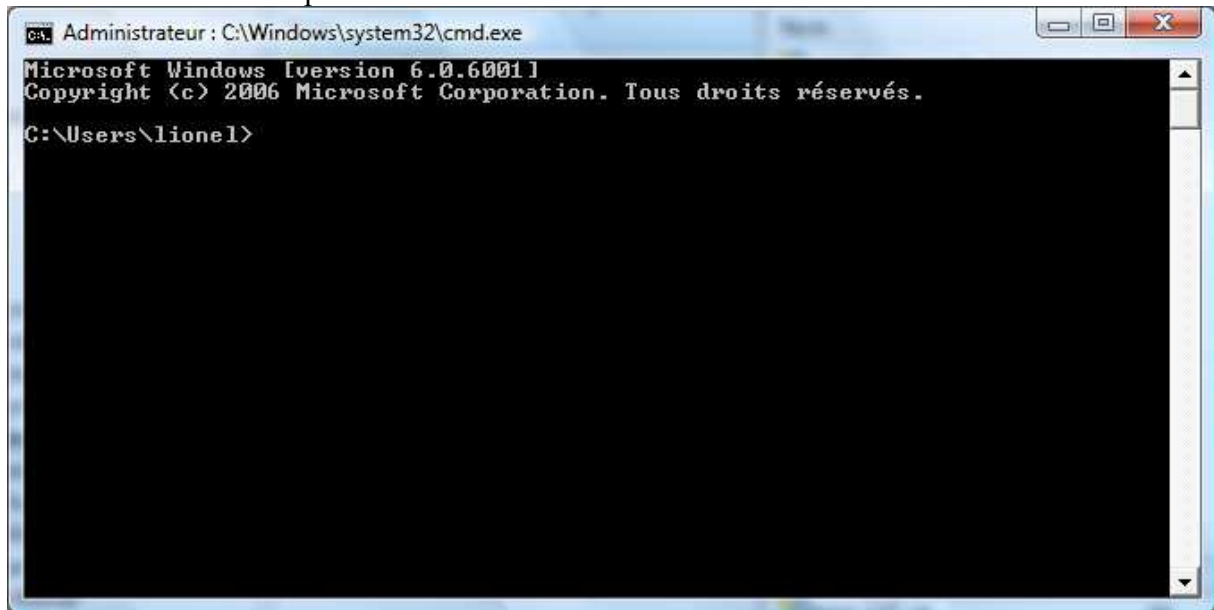
After completion you can exit the Perl Package Manager and go on to using the lastFM2iTunes script (cf next §)

## Running the script lastFM2Itunes

1/ Windows key + R -> type 'cmd'



2/ The command line opens



```
ca. Administrateur : C:\Windows\system32\cmd.exe
Microsoft Windows [version 6.0.6001]
Copyright (c) 2006 Microsoft Corporation. Tous droits réservés.

C:\Users\lione1>
```

3/ type 'cd \' then return



```
ca. Administrateur : C:\Windows\system32\cmd.exe
Microsoft Windows [version 6.0.6001]
Copyright (c) 2006 Microsoft Corporation. Tous droits réservés.

C:\Users\lione1>cd \
C:\>
```

- 4/ suppose you have extract the content of lastFM2Itunes.zip into d:\temp\lastFM\  
- Type 'd:' then return  
- Type 'cd temp\lastFM' then return



```
ca. Administrateur : C:\Windows\system32\cmd.exe
Microsoft Windows [version 6.0.6001]
Copyright (c) 2006 Microsoft Corporation. Tous droits réservés.

C:\Users\lionel>cd \
C:\>d:
D:\>cd temp\lastFM
D:\temp\lastFM>
```

Now you are in the folder that contains the perl script to run

- 5/ run the script like this  
Type 'perl lastFM2itunes.pl lebios -v'  
(replace lebios by your lastFM username)



```
ca. Administrateur : C:\Windows\system32\cmd.exe
Microsoft Windows [version 6.0.6001]
Copyright (c) 2006 Microsoft Corporation. Tous droits réservés.

C:\Users\lionel>cd\
C:\>d:
D:\>cd temp\lastFM
D:\temp\lastFM>perl lastFM2itunes.pl lebios -v_
```

```
ca. Administrateur : C:\Windows\system32\cmd.exe - perl lastFM2itunes.pl lebios -v
C:\Users\lionel>cd\
C:\>d:
D:\>cd temp\lastFM
D:\temp\lastFM>perl lastFM2itunes.pl lebios -v

lastFM to iTunes track updater [v0.5 (MAR-2008)]
Copyright (c) 2008 Lionel Grenier <lionel@grenier.com - www.lebios.com>
<if you have any question or problem do not hesitate to contact the author>

Connection established to iTunes: 7.7.1.11
URL: http://ws.audioscrobbler.com/1.0/user/lebios/weeklychartlist.xml

=====
Parsing lastFM data
Using lebios lastFM account.
Found a total of 91 weeks full of played tracks to parse.

Look for start date data
Wait while parsing data
```

The script is running.

At the end you have a summary of the update

```
ca. Administrateur : C:\Windows\system32\cmd.exe
...found
...but skipped <iTunes count[1] > last.FM count[1]>
Searching iTunes for "yeah yeah yeahs yeah? new york" track
...found
...but skipped <iTunes count[1] > last.FM count[1]>
Searching iTunes for "young parisians u write the rules <solarstone remix>" track
Error: Not found in iTunes
Searching iTunes for "z|â_T@lia duncan o meu lugar < no way>" track
Error: Not found in iTunes
iTunes Update completed
=====
Statistics of lastFM 2 Itunes run for lebios user account
- 3568 tracks processed
- 3430 tracks skipped iTunes library
- 1337 tracks not found in local iTunes library
- you have 10915 play count on lastFM since 13-02-2005
=====
Disconnected from iTunes

Thanks for using the script. Bye

D:\temp\lastFM>_
```