

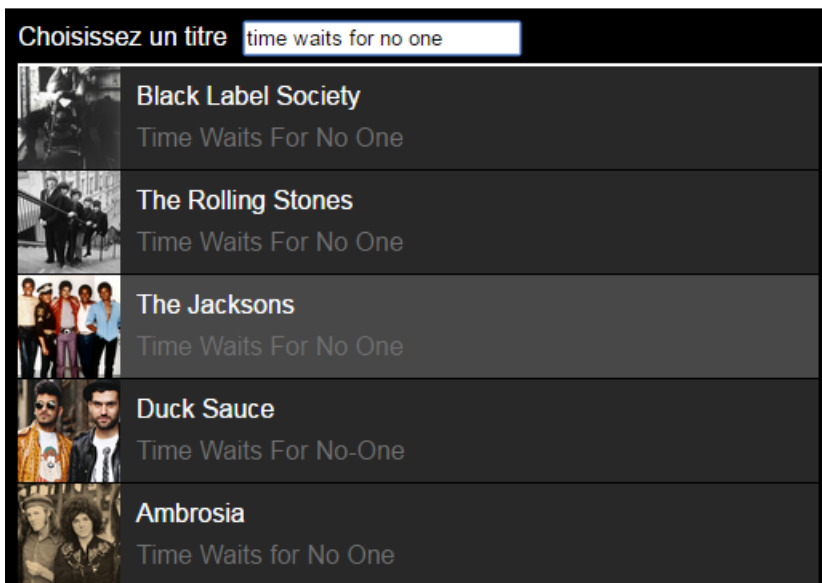
TD 3 – AJAX

This exercise sheet focuses on the basis of AJAX. The exercises can be uploaded to Arche as a ZIP file.

Exercise 1 – AJAX and XML

The goal of this exercise is to develop an interface that allows to search music by query using AJAX and the API of last.fm.

1. If you have no last.fm account, create one and get an API key.
1. Log in and have a look at this page: <http://www.lastfm.fr/api/show/track.search>. Some examples of URLs that allow to make a research are provided. Try the XML version by replacing your key with yours and by changing the value of the “track” attribute (for instance replace “Believe” with “queen bohemian rhapsody”).
2. Create an HTML page with a form containing a text input.
3. Create a pure JavaScript (no jQuery) script to retrieve the text of the user each time the user modifies the text (onkeyup + test on the modification).
4. Create a function `loadXMLDoc()` which is called each time the text of the user is modified and uses the corresponding content to make a search on last.fm using the “track.search” method with the XML format. The function must then display the results in the HTML page: for each retrieved track, the corresponding artist and track names and album image must be displayed. The result can look like that:



Exercise 2 – Ajax and JSON

Start the previous exercise again using the JSON format and jQuery.