# Video Service Coding Assignment

Write a C++ program that:

* Get in parameter the URL of a json file
* Download the json file via http
* Read the json file, containing information pns images
* pngs from the web via HTTP, and displays them on screen.
* The images on screen should be displayed on screen with some way of navigating through them.
* Use git to track your changes.

You can design your own json format, documenting what each fields are doing.  
Here is an example if you need one:  
{  
 "title": "Hello World",  
 "images": [  
 "test.png",  
 "test2.png",  
 "test3.png" ]  
}  
The code doesn’t need to be ultra optimized, but obviously the faster it runs and the less memory it uses the more impressive it will be.  
If you have any idea of improvement that you want to add, feel free to add them making sure to document them.  
We are interested in your choice of design and coding style. Feel free to include any additional information.

The test will be delivered to us in a .zip file containing, the source, the code project, and the executable plus any other resources you may have used. The code should compile on Windows (preferably, in Visual Studio) or Linux, with clear set-up instruction.

Feel free to use the following resources to help you, or you may pick your own libraries as you see fit:

* libCurl – A lightweight Http library for downloading images
* SDL – 2d Graphics library that can decode pngs and render them on screen.
* Jsoncpp – an open source json parser

Good Luck!