Subject: HTML viewer
Posted by forlano on Tue, 12 May 2026 13:53:09 GMT
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Hello,

I played with ClaudeAI and asked him to make a HtmlViewer for U++ using litehtml
https://github.com/litehtml

Here is what I got

In the url bar you can set the pat of a local file and it is nicely rendered.
The problem is that it works only in debug mode. If I switch to release mode some bad thing happens and the program cannot retrieve properly the font size. Why this happen is beyond my capability and even beyond ClaudeAI knowledge. We did some LOG to analyze the output and he concluded that in release mode the font dimension are not returned properly. It tried many fix but no results.

This experiment is very promising. If fixed I (ClaudeAI) can add a HTTP support to retrieve page online. But even so as simpler HTML viewer would be very useful... at leat for me to visualize a better report with HTML table.
In the next post I am going to attach the package I used with few instructions.

Thanks,
Luigi

File Attachments

1) htmlupp.png, downloaded 565 times

LiteHtml — LiteHtml U++ Demo

about:inline Go

LiteHtml rendered in UltimatePP

Features demonstrated

- **CSS box model** — borders, padding, margin
- **Font styles** — bold, italic, colours
- **Lists** — bullet and numbered
- **Tables** — with alternating rows
- **Inline styles & class selectors**
- **Gradients** — simplified (first-stop fallback)

Links (click to test WhenLink callback)

litehtml on GitHub | UltimatePP website

Sample table

Name	Value	Note
Alpha	1	First
Beta	2	Second
Gamma	3	Third

Rendered by litehtml + UltimatePP Draw — scroll with mouse wheel or arrow keys

Subject: Re: HTML viewer
Posted by forlano on Tue, 12 May 2026 13:59:40 GMT
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Attached the package that contains the folder lithehtml.

In the include directory add these paths:

C:\Users\forla\Documents\MyAppsExp\LHUpp\litehtml\src\gumbo\ include
C:\Users\forla\Documents\MyAppsExp\LHUpp\litehtml\src\gumbo\ include\gumbo
C:\Users\forla\Documents\MyAppsExp\LHUpp\litehtml\include
C:\Users\forla\Documents\MyAppsExp\LHUpp\litehtml\include\li tehtml

I used the U++ 18518

Thanks,
Luigi

File Attachments
1) LHUpp.zip, downloaded 144 times

Subject: Re: HTML viewer
Posted by forlano on Tue, 19 May 2026 19:09:55 GMT
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Hello,

I have updated the previous package with some fix.

Now on my computer release mode and debug mode produce the same render and seems ok. I have even fixed the [X] behaviour (it didn't close when pressed).

Can somebody compile the package in both mode and tell me if there are any issue? Is is stable? Can render tables without problems?
Please keep in mind that javascript is not processed. Do not expect to get good result with complex table or layout. There is not yet an action when a link is pressed.

Thanks,
Luigi

Subject: Re: HTML viewer
Posted by forlano on Wed, 20 May 2026 07:34:09 GMT
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Hello,

Here is a new update of the package.
Now it can navigate and show image in not complex pages.
Compile with no optimization, i.e. remove the default -O3

File Attachments

1) LHUpp.zip, downloaded 133 times

Subject: Re: HTML viewer
Posted by forlano on Wed, 20 May 2026 14:05:04 GMT
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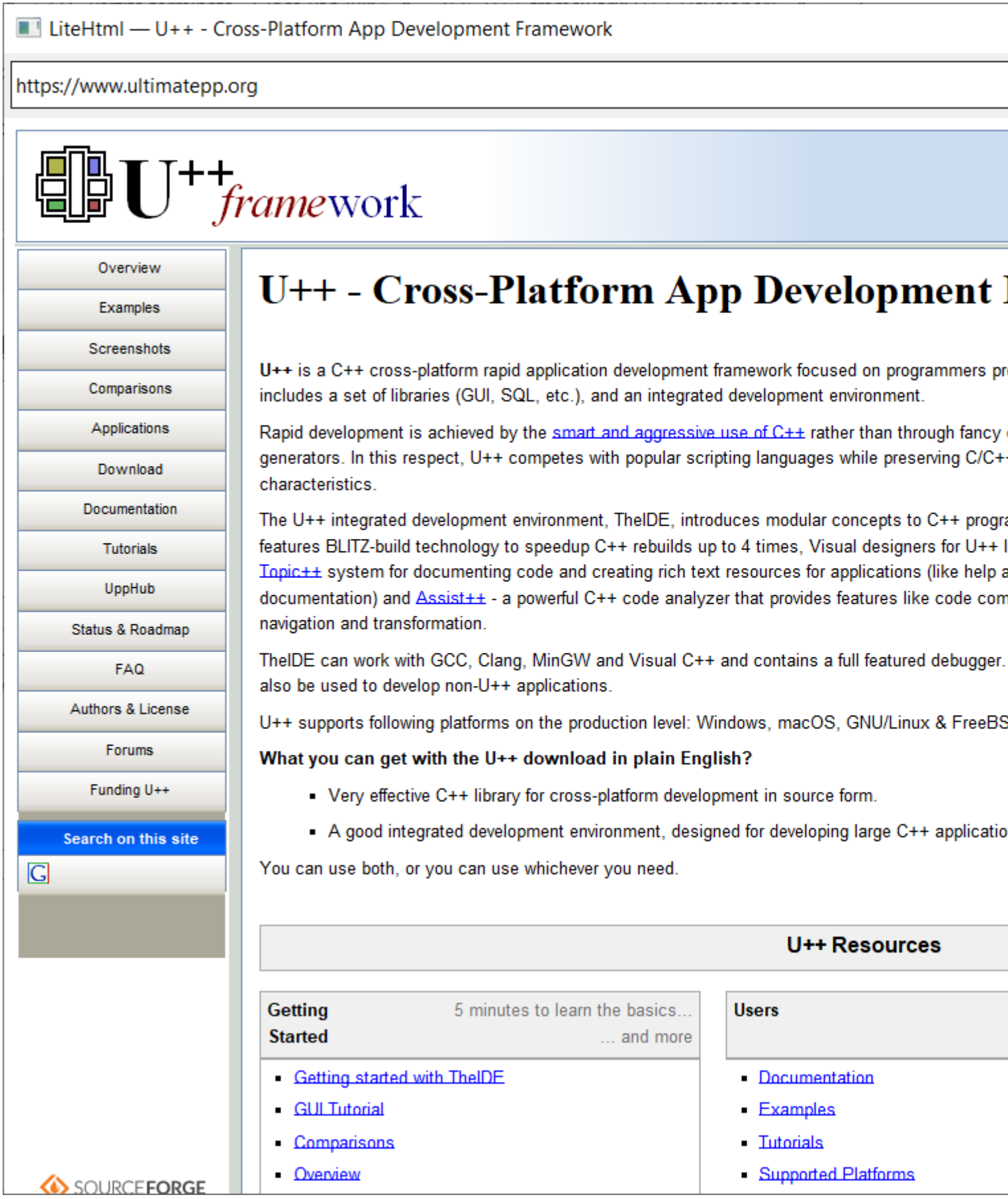
Here is a screenshot of our preferite site.

With Ctrl + Wheel you can change the font size and then reload the page to see the effect.

Best regards,
Luigi

File Attachments

1) html.png, downloaded 422 times


LiteHtml — U++ - Cross-Platform App Development Framework
https://www.ultimatepp.org
U++ framework
Overview
Examples
Screenshots
Comparisons
Applications
Download
Documentation
Tutorials
UppHub
Status & Roadmap
FAQ
Authors & License
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Funding U++
Search on this site
SOURCEFORGE
U++ - Cross-Platform App Development
U++ is a C++ cross-platform rapid application development framework focused on programmers pr
includes a set of libraries (GUI, SQL, etc.), and an integrated development environment.
Rapid development is achieved by the smart and aggressive use of C++ rather than through fancy
generators. In this respect, U++ competes with popular scripting languages while preserving C/C++
characteristics.
The U++ integrated development environment, TheIDE, introduces modular concepts to C++ progra
features BLITZ-build technology to speedup C++ rebuilds up to 4 times, Visual designers for U++ l
Topic++ system for documenting code and creating rich text resources for applications (like help a
documentation) and Assist++ - a powerful C++ code analyzer that provides features like code com
navigation and transformation.
TheIDE can work with GCC, Clang, MinGW and Visual C++ and contains a full featured debugger.
also be used to develop non-U++ applications.
U++ supports following platforms on the production level: Windows, macOS, GNU/Linux & FreeBS
What you can get with the U++ download in plain English?
Very effective C++ library for cross-platform development in source form.
A good integrated development environment, designed for developing large C++ applicatio
You can use both, or you can use whichever you need.
U++ Resources
Getting Started
5 minutes to learn the basics...
... and more
Getting started with TheIDE
GUI Tutorial
Comparisons
Overview
Users
Documentation
Examples
Tutorials
Supported Platforms

Subject: Re: HTML viewer
Posted by Klugier on Wed, 20 May 2026 18:28:35 GMT
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Hi Luigi,

This is nice! Lack of web view support is a big drawback in comparision to other frameworks. However, with your work we can mitigate this gap. It would be nice if you can publish your package on UppHub. If you didn't do it before, please contact me on Discrod. I will help.

Klugier

Subject: Re: HTML viewer
Posted by forlano on Wed, 20 May 2026 19:38:51 GMT
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Hi Klugier,

I need some more test and then I'll ask you to put it on UppHub because I'm not able to do so.

thanks,
Luigi

Subject: Re: HTML viewer
Posted by forlano on Thu, 21 May 2026 15:58:28 GMT
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Hello,

here is my latest version.

I added a zoom dropdown list that immediately updates the zoom level of the file currently displayed in the Ctrl.
There is also a method to load a TXT file, automatically wrapped in HTML using the <pre> tag (see next post for a screenshot). It is very convenient for displaying plain text reports.

There is also a Print button which unfortunately still does not work properly. Sometimes it produces no output at all, and when it does work, the fonts are microscopic. Printing is actually the most important feature for me, but neither I nor ClaudeAI had enough expertise to fully solve the issues related to font scaling, margins, and pagination. This is currently the only thing preventing me from using this Viewer in production.

At the moment I am struggling with QTF and TXT reports, especially when reports contain many columns. With this Ctrl I finally have a single viewer for both formats. Using zoom, I can adapt the content to the page width quite nicely, but without reliable printing support it remains incomplete for my needs.

I really hope that one of our U++ gurus may eventually take a look at the print method (PrinterJob) and help finish this part. I honestly believe this Ctrl has great potential, especially for reports with wide horizontal layouts and relatively simple CSS. It could become a lightweight and practical alternative to QTF in many scenarios.

To compile it, optimization must be disabled (remove the default -O3) and the following include paths must be added:

C:\Users\forla\Documents\MyAppsExp\LHUpp\litehtml\src\gumbo\ include
C:\Users\forla\Documents\MyAppsExp\LHUpp\litehtml\src\gumbo\ include\gumbo
C:\Users\forla\Documents\MyAppsExp\LHUpp\litehtml\include
C:\Users\forla\Documents\MyAppsExp\LHUpp\litehtml\include\li tehtml

Perhaps these include paths could be configured automatically inside the package somehow.

If Klugier or anyone else believes this project is worth completing and publishing on UppHub, please feel free to continue the work. I think the foundation is already quite promising, and it would be great to see it evolve into a fully usable component for the community.

Thanks to all of you,

Luigi

File Attachments

1) LHUpp.zip, downloaded 137 times

Subject: Re: HTML viewer
Posted by forlano on Thu, 21 May 2026 16:00:08 GMT
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viewer with TXT wrapper

File Attachments

1) 2026-05-21_172834.png, downloaded 397 times



Hello,

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I added a zoom dropdown list that immediately updates the zoom level of th
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C:\Users\forla\Documents\MyAppsExp\LHUpp\litehtml\src\gumbo\include\gumbo
C:\Users\forla\Documents\MyAppsExp\LHUpp\litehtml\include
C:\Users\forla\Documents\MyAppsExp\LHUpp\litehtml\include\litehtml

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Thanks to all of you,

Luigi