

ALTUI / Local CDN mode

LocalCDN is mode which enables to use ALTUI on VERA without internet access. All necessary files will be downloaded from another place (vera or other server you have)

That mode is not recommended for the following reasons:

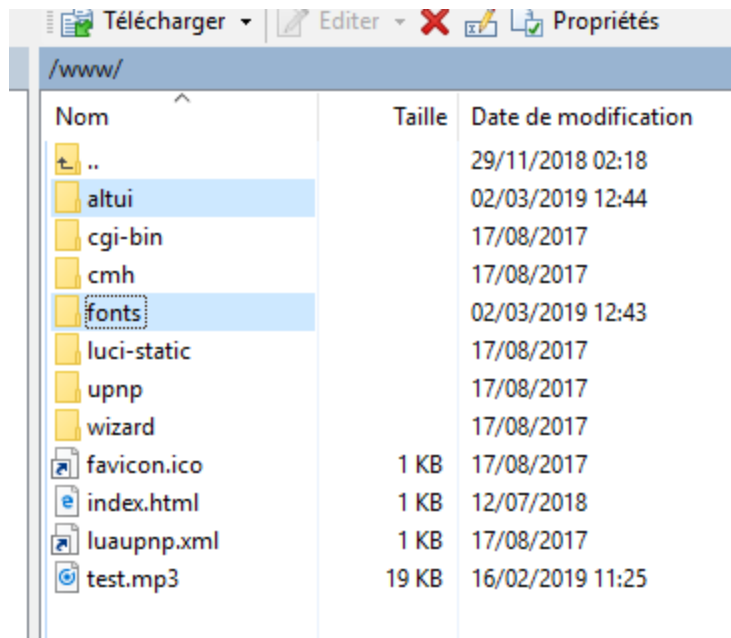
- You have to update the files in your localCDN repository everytime ALTUI upgrades the version of the files/libraries it uses. That remains you to be in constant sync with ALTUI release and the auto installation of ALTUI will not take care of this for you
- If you do store files on vera, it is more space consumed, more stress on vera when you load the page etc ...

But it does work, I have as of today a fully working example in my own setup.

The following document explains how to enable it and what are the file list you need.























Step1: chose a localcdn location and upload the files

Lets say we decide to put the files under the /www folder of the vera. You will have to make 2 folders, one for script files and one for fonts. The font location is not really controllable so it must be under your /www root. The altui file location is controllable in that case we chose to put it under a altui folder which means the file will be served by the vera web server under `http://yourip/altui/<file names>`








Nom	Taille	Date de modification
..		29/11/2018 02:18
altui		02/03/2019 12:44
cgi-bin		17/08/2017
cmh		17/08/2017
fonts		02/03/2019 12:43
luci-static		17/08/2017
upnp		17/08/2017
wizard		17/08/2017
favicon.ico	1 KB	17/08/2017
index.html	1 KB	12/07/2018
luaupnp.xml	1 KB	17/08/2017
test.mp3	19 KB	16/02/2019 11:25

Altui folder must contains the following files:

/www/altui/		
Nom	Taille	Date de modification
		02/03/2019 12:44
 ace.js	347 KB	02/03/2019 11:54
 backbone-min.js	23 KB	02/03/2019 11:52
 bootstrap.min.css	138 KB	02/03/2019 12:08
 bootstrap.min.js	50 KB	02/03/2019 11:52
 font-awesome.min...	31 KB	02/03/2019 12:08
 joint.css	50 KB	02/03/2019 12:14
 joint.min.js	376 KB	02/03/2019 12:14
 joint.shapes.devs....	3 KB	02/03/2019 12:14
 joint.shapes.fsa.mi...	1 KB	02/03/2019 12:14
 jquery.bootgrid.mi...	4 KB	02/03/2019 12:08
 jquery.bootgrid.mi...	24 KB	02/03/2019 11:53
 jquery.min.js	85 KB	02/03/2019 11:51
 jquery-ui.css	36 KB	02/03/2019 12:08
 jquery-ui.min.js	248 KB	02/03/2019 11:53
 jsapi.js	27 KB	02/03/2019 12:17
 justgage.min.js	18 KB	02/03/2019 11:54
 lodash.min.js	70 KB	02/03/2019 11:51
 popper.js	80 KB	02/03/2019 11:52
 raphael-min.js	91 KB	02/03/2019 11:54
 spectrum.min.css	12 KB	02/03/2019 12:08
 spectrum.min.js	41 KB	02/03/2019 11:53

Fonts folder must contain the following files:

/www/fonts/		
Nom	Taille	
		
 fontawesome-webfont.ttf	162 KB	
 fontawesome-webfont.woff2	76 KB	
 glyphsicons-halflings-regular.ttf	45 KB	
 glyphsicons-halflings-regular.woff2	18 KB	

You can find this files at <https://github.com/amg0/ALTUI/tree/master/localcdn> but these are the versions that were the proper ones as of March 2dn 2019 and may have evolved since then.

The files used by ALTUI in normal mode (non LocalCDN) are the reference to follow

Step2: configure ALTUI

The localCDN path must be entered in ALTUI settings as below

Local Bootstrap ?	optional local bootstrap relative url, use internet otherwise
Local CDN ?	/altui
Font CDN URL	https://example.com

NOTE: In case of trouble (ALTUI does not load) , you can go into UI7 to change the LocalCDN variable value. Unfortunately UI7 ui does not let you enter an empty value for a variable which is the normal value for indicating normal (non localcdn) mode for ALTUI so ALTUI supports a special value with the character '~' to mean normal (non localcdn) mode. You can enter this in UI7 and you should be back to normal mode

You can potentially point to another location like your NAS with a full url path (<http://srv/path>)

As explained the font folder location is not controllable and will have to be under <http://srv/fonts> or <http://veraip/fonts> which is /www/fonts on the local vera file system

Conclusion

Once done properly, altui is able to load all files from that local location as you can see herebelow

