**A flaw in SD** – it’s about creating components.

I’ve been sharing building blocks for SD (and the earlier RBB, RFF, and RSD) since 2016, at first as zipped project files, and I have been using the ability to create components since 2019, when it was added to SD. I know that SD users frequently visit my component library.

Since 2020 Frank Cook has been helping me. We discovered early on, when we were working on a Lightbox component, that it worked for me on my computer and when uploaded, but not when Frank checked the actual component at his end. He found that several of the elements were missing from the component. The missing bits were external JS and CSS files, and some images mentioned in the external CSS file. *(Here open and check out first the Lightroom-project, and then the Lightroom-notworking component)*

After a bit of checking, we found that only elements that were referenced in SD, like images, would be included in a component, so Frank had the brilliant idea of pretending all those external files were images. So hence the weird input you see in the hidden HTML element at the bottom of the component Lightroom-working *(Now open that one).*

Of course, we spoke to Hans about this thing, and he spoke with Nacho and Alberto, but there was no better solution found than our ‘HTML element hack’.

Since then I have had to explain to people why on earth CSS and JS files are added to the project as IMAGES of all things. I have included a wee explanation on the page in my component library: <https://mock-up.coffeecup.com/f-comps/f-lightbox-gallery.html> , but I don’t want to say too much out of fear of seemingly overcomplicating the matter. I have used the Foundation version in the examples here, but it is the same for all frameworks + Frameworkless.

I was recently reminded of all this above when I had to add a PHP back end to an SD-made form that I’m helping a user with. External PHP files fare no better than other external files.

What Frank and I did with our HTML-element hack, could that or something to the same effect, be done in some way ‘under the hood’, so that it isn’t visible to the users? I guess that there are not many who create components to the same extent as me, but nevertheless…?

Inger

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