

Simple draw.io embedding walk-through

Embedding draw.io as an application within another app (where you're storing the diagram data in the host app) takes around 15 minutes to get a basic example running.

Taking an example [Stack Overflow page as a template](#), we've created our own, [slightly altered version of the question](#). Double click on the diagram to open draw.io in a new window, make some diagram edits then click save to save the changed diagram back to the page.

You can repeat the process to make future edits to the diagram. Let's take a look at both the flow of this process and the code in the page that allows this to happen. If you view the page source you'll see on line 1695:

```
data:image/s3,anthropic-data-us-east-2/u/marker_images/0111/0010/1010/10110011/juhan-chandramapper-v2new-0513/4161cbbae438eda084adf44241f12e17.jpg

The user then edits the diagram in the editor and clicks save when finished. The reason for additional messages after "save" is we provide granularity for requesting another format, in this case by asking for the PNG+XML format via an "export". In our case we also exit the editor when the export is complete, but you could leave it open and wait for the user to explicitly "exit" the editor before closing it.

The XML embedded PNG as a base64 dataURI is saved back on top of the src attribute of the image and this results in the page being updated with the new image.

Lastly, it's important to distinguish between the static draw.io application and the data flow in embedded mode. draw.io is loaded as a static application in the draw.io window, but the diagram data is passed entirely client-side between windows, it's never sent back to, or sourced from, the draw.io application server. This means you control and store your data, just using draw.io to provide diagramming functionality on that data.

JavaScript examples for the integration are available on GitHub:

- [Draw.io HTML5 Integration](#)
- [Draw.io GitHub Integration](#)
- [Draw.io WebDav Integration](#)