

Iframes

In this tutorial you'll learn [how to use](#) the `iframe` VM tag and the [iframe resizer](#) library, so you can embed external HTML or use custom DOM elements when building NEAR components. You can use it along the rest of approved VM tags to simplify your component development.

Using IFrames on NEAR VM

Iframes can be used to embed external HTML or to use custom DOM elements, for example `canvas`.

Properties

The `iframe` tag takes the following properties: `className`, `style`, `src`, `srcDoc`, `title`, `message`, `andonMessage`. The `iframe` has a `sandbox` property set to `sandbox="allow-scripts"`, which only allows scripts.

`message` and `andonMessage` are used to communicate with this `iframe` instance. `param` description `message` it's passed to the `iframe` every time the `deep` equal is different, or the `iframe` is recreated. The message is passed using `contentWindow.postMessage(message, "**")` on the `iframe`. `onMessage(data)` it's called when the `iframe` passes a message to `window.top`. Only `event.data` is passed to the `onMessage`.

Events

The VM exposes the following

