

# 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 `deepEqual` 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

