

# Simplest possible privacy preserving embedding

Embeds that only connect to a remote after the user clicks on them. No magic, no Javascript, no fuss.

## Why?

With the stricter laws on embedding, showing embedded content directly becomes a liability. There are solutions like [Shariff](#) or [Embeddy](#), but these are pretty complex tools.

I wanted something simpler. Something that I can understand completely at a glance.

The solution is a simple iframe with a data-link for the preview-content that is a link to the actual embedding.<sup>1</sup> When a visitor clicks the preview, the iframe navigates to the embedded content. Before that, the embed is just an inactive link.

You'll want to replace the image-link `https%3A%2F%2Fwww.draketo.de%2Fassets%2Fvideo-framebg-8` by something you host on your own server.

Due to the stricter rules on iframes, this embedding needs HTTPS to work. If that's a problem right now, have a look at [Let's Encrypt](#).

## With scrolling

This is a good option for pages like Wikipedia:

```
<iframe marginwidth="0" marginheight="0" hspace="0" vspace="0" frameborder="0"
        style="aspect-ratio: 16 / 10; height: unset; width: 100%; "
        src="data:text/html,<a href%3D%22https%3A%2F%2Fen.wikipedia.org%2Fwiki%2F
```

```
<iframe marginwidth="0" marginheight="0" hspace="0" vspace="0"
frameborder="0"
        style="aspect-ratio: 16 / 10; height: unset; width: 100%; "
```

---

<sup>1</sup>I originally built this solution for [Dryads Wake](#) — a Text RPG that is usable both online and on the console. It starts typing once the site loads and ensures visibility, so when embedding it I had to make sure the site does not load until the visitor wants to play, otherwise it would cause the embedding site to scroll to it.

```

src="data:text/html,<a
href%3D%22https%3A%2F%2Fen.wikipedia.org%2Fwiki%2FManifesto_to_the_Europeans%23Text
style%3D%22position:absolute;color:white;text-decoration:underline;padding-
left:1em%22%3EClick%20to%20read%20on%20Wikipedia%20%3C%2F%3E%3Cimg%20src%3D%22https%3A%2F%
framebg-
800x504.png%22%3E%20width%3D%22100%22%3E%3C%2Fimg%3E%3C%2Fa%3E%3E%3C%2Fiframe%3E

```

## Without scrolling

This works for most youtube-videos:

```

<iframe scrolling="no" marginwidth="0" marginheight="0" hspace="0" vspace="0" frameborder="0"
style="aspect-ratio: 16 / 10; height: unset; width: 100%; "
src="data:text/html,<a href%3D%22https%3A%2F%2Fwww.youtube.com%2Fembed%2Fp
<iframe scrolling="no" marginwidth="0" marginheight="0" hspace="0" vspace="0"
frameborder="0"
style="aspect-ratio: 16 / 10; height: unset; width: 100%; "
src="data:text/html,<a
href%3D%22https%3A%2F%2Fwww.youtube.com%2Fembed%2FpvU64BzzTrg%22%3E%3Cp
style%3D%22position:absolute;color:white;text-decoration:underline;padding-
left:1em%22%3EClick%20to%20watch%20on%20Youtube%20%3C%2F%3E%3Cimg%20src%3D%22https%3A%2F%
framebg-
800x504.png%22%3E%20width%3D%22100%22%3E%3C%2Fimg%3E%3C%2Fa%3E%3E%3C%2Fiframe%3E

```

If it does not work, just replace `www.youtube.com` by an [invidious](#) instance.

## List of Links

<a href="https://www.draketo.de">draketo.de</a> : <a href="https://www.draketo.de">https://www.draketo.de</a>	1
<a href="https://github.com/heiseonline/shariff">Shariff</a> : <a href="https://github.com/heiseonline/shariff">https://github.com/heiseonline/shariff</a>	1
<a href="https://github.com/heiseonline/embetty">Embetty</a> : <a href="https://github.com/heiseonline/embetty">https://github.com/heiseonline/embetty</a>	1
<a href="https://letsencrypt.org/">Let's Encrypt</a> : <a href="https://letsencrypt.org/">https://letsencrypt.org/</a>	1
<a href="https://dryads-wake.lw6.org">Dryads Wake</a> : <a href="https://dryads-wake.lw6.org">https://dryads-wake.lw6.org</a>	1
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