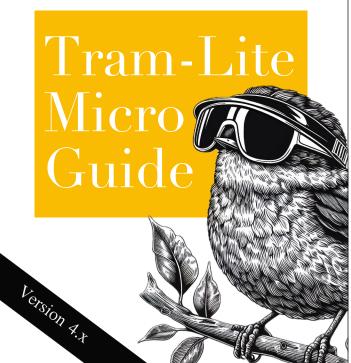
```
th-controlled can be used added to any element in the shadow DOM. It specifically works well with input and select elements.
```

Controlled Inputs using tl-controlled

HTML-First Declarative Interface for building Web-Components



```
tegs to work on-mount for Tram-Lite components.
```

```
tl-dependencies — optional, attribute list that when updated will cause the script to re-trigger. tl-hold — optional, when present will prevent script from triggering this — reference to the host component in the light DOM.
```

Side-Effects using tl-effect

Building a Web-App

If you want to include the Tram-Lite HTML API available on your page, include the following script tag:

<script src="https://unpkg.com/tram-lite@4"></script>

Building a Library

If you are building a library with Tram-Lite, you can make component definitions in HTML files, and have users import them using import-components.js

```
<script src=".../tram-lite@4/output/import-components.js
    tl-components="./your-component.html ...">
```

If you are building a library, and would like to serve component definitions as a single JS bundle, you can use the export-components CLI command to make a JS file.

```
$ npx tram-lite@4 export-components x-title.html ...
```

Both import-components.js and assets built with export-components do not depend on Tram-Lite being on the page, and can even work when other versions of Tram-Lite are on the page.

Go to the website tram-one.io/tram-lite

Full Documentation And More

This micro-guide is a simplified reference for the HTML APIs in the Tram-Lite library. It provides a pocket-able reference that anyone can print and use.

What is this guide?

Tram-Lite is a declarative HTML-first library for building native web-components. Tram-Lite provides an elegant and easy way to build modern components, that work in any framework, and on any modern platform.

What is Tram-Lite?

Anatomy of a Component Definition



Tag Name — name of the new tag, needs to be hyphenated.

Default Attributes — optional, attributes that can be used in the template.

Templated Attributes — optional, attributes to include in your HTML or CSS (in style tags).

If you included the Tram-Lite API on your page, you can build component definitions inline using the tl-definition attribute on template tags.

```
<template tl-definition>
<x-title> ... </x-title>
</template>
```