

Angular Elements

Angular Elements allow to Register an Angular Component with Browser so that if a custom tag is rendered in the browser outside of Angular Context(from React, VueJS, etc). Browser would render the Angular component.

Create a Component:

```
export class DisplayElementComponent {

  @Input()
  title!: string;
}

<p class="displayEl">{{title}}</p>

.displayEl {
  color: red;
  font-family: sans-serif;
  font-size: 24px;
  font-weight: bold;
}
```

Create Custom Element and Register it with Browser,

```
export class AppComponent implements OnInit {

  constructor(private injector: Injector) {

  }

  ngOnInit() {
    const htmlElements = createCustomElement(DisplayElementComponent, {injector:
this.injector});
    customElements.define('display-element', htmlElements);
  }
}
```

Here, **createCustomElement** is an angular function and **customElements.define** is a browser function.

For older versions, you might need to define, **entryComponents**.

For older versions, if you also want to use it in Angular as a component as well then you might need to define **schemas: [CUSTOM_ELEMENTS_SCHEMA]** in **AppModule**.