

# What does :host /deep/ selector mean?

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Please explain in a straightforward way what `:host /deep/` means:

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```
:host /deep/ .ui-autocomplete {  
  width: 85%;  
}
```



3

css



angular

shadow-dom

edited Oct 24 '17 at 17:46



Joulukuusi

2,402 6 28 47

asked Oct 24 '17 at 15:26



Pismotality

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## 1 Answer



It is used to allow styling child components when using `emulated` view encapsulation.

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More about this can be found here:

<https://angular.io/guide/component-styles>



Btw `/deep/` selector is now deprecated:

The shadow-piercing descendant combinator is deprecated and support is being removed from major browsers and tools. As such we plan to drop support in Angular (for all 3 of `/deep/`, `>>>` and `::ng-deep`). Until then `::ng-deep` should be preferred for a broader compatibility with the tools.

`:host` is used to address the hosting element - that is the one that you use to add the component somewhere (e.g. `<app-component>` ).

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Use the :host pseudo-class selector to target styles in the element that hosts the component (as opposed to targeting elements inside the component's template).

So the selector `:host /deep/ .ui-autocomplete` means "on current hosting element, go deep (search in child components too) and look for elements with class `ui-autocomplete` .

Here is some additional information about the view encapsulation feature:

<https://blog.thoughttram.io/angular/2015/06/29/shadow-dom-strategies-in-angular2.html>

answered Oct 24 '17 at 15:28



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