

Architettura CSS di applicazioni complesse

Frontenders Ticino - Lugano, Febbraio 2015

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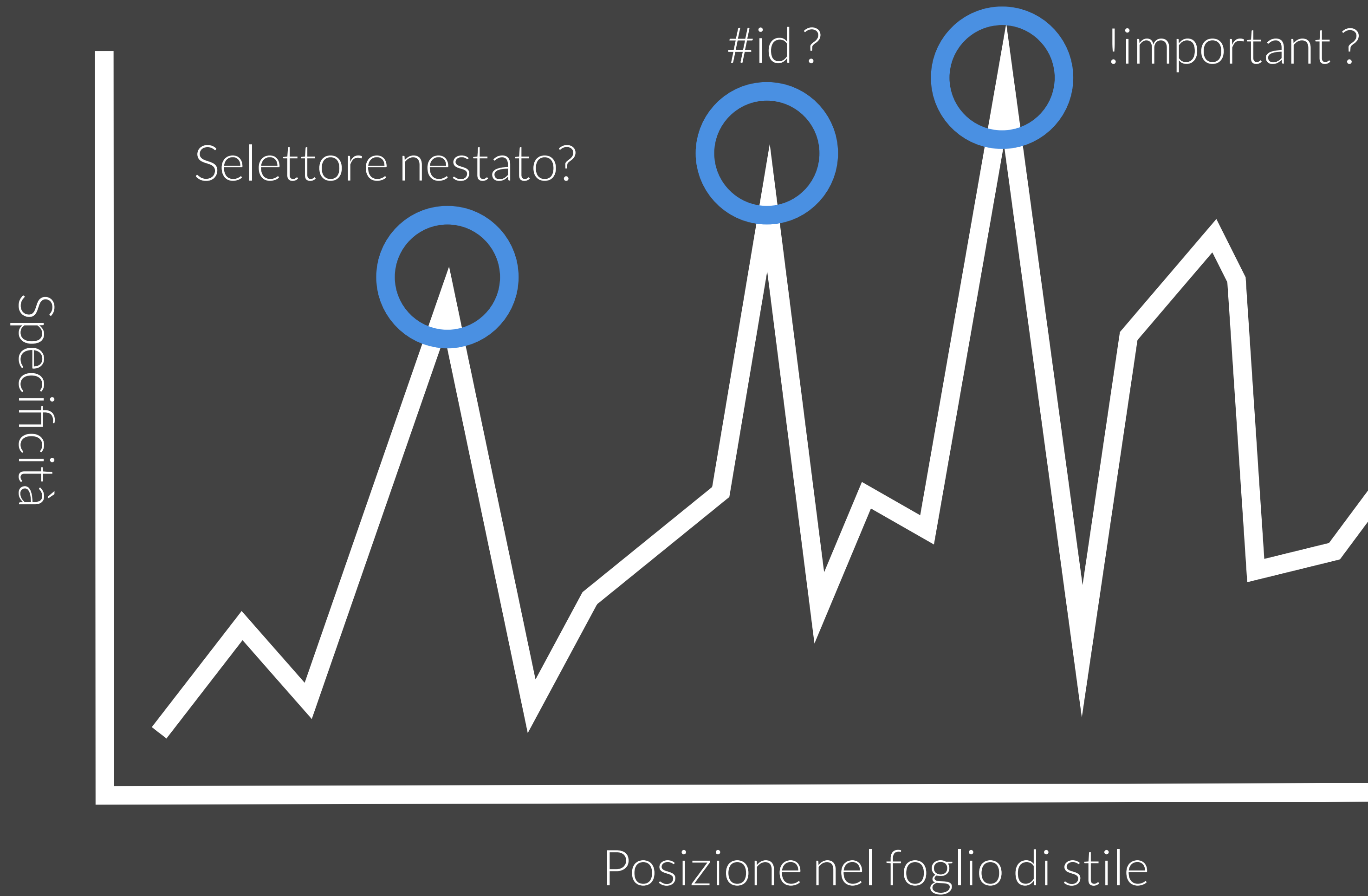
Ereditarietà, cascata e ordine nel sorgente

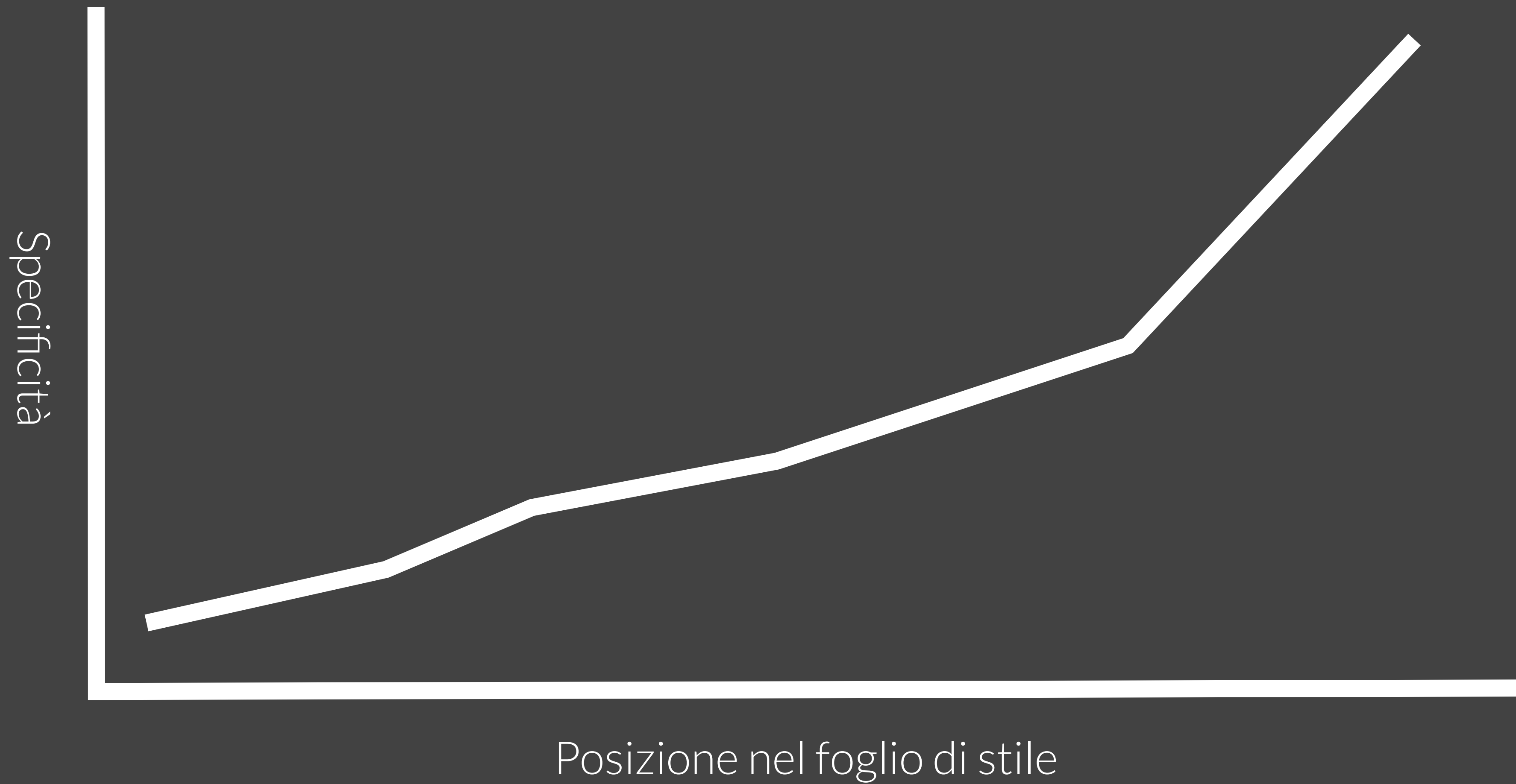
Specificità

Specificità

Posizione nel foglio di stile







generico

base

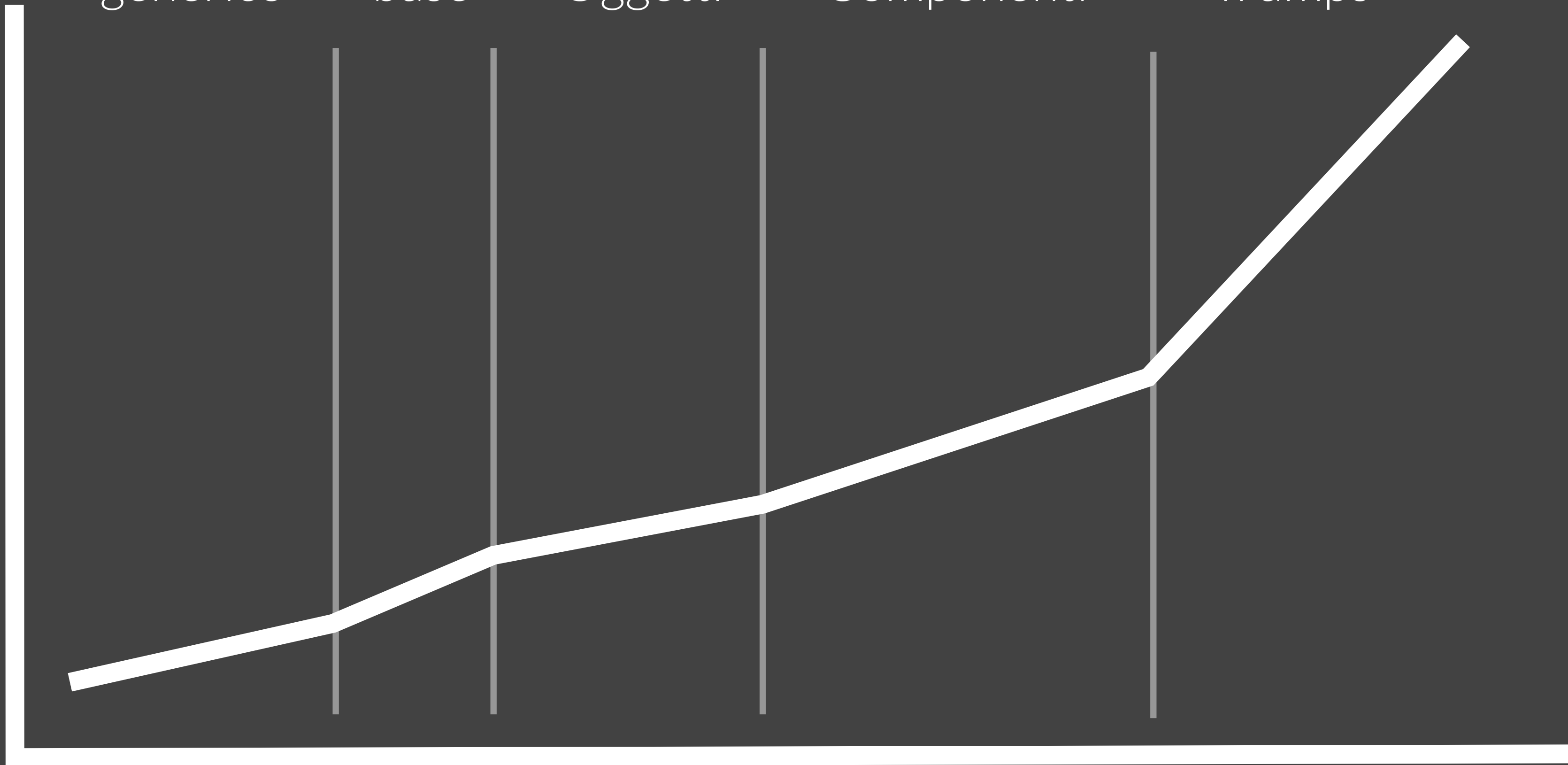
Oggetti

Componenti

Trumps

Specificità

Posizione nel foglio di stile



ITCSS: Inverted Triangle Architecture for CSS

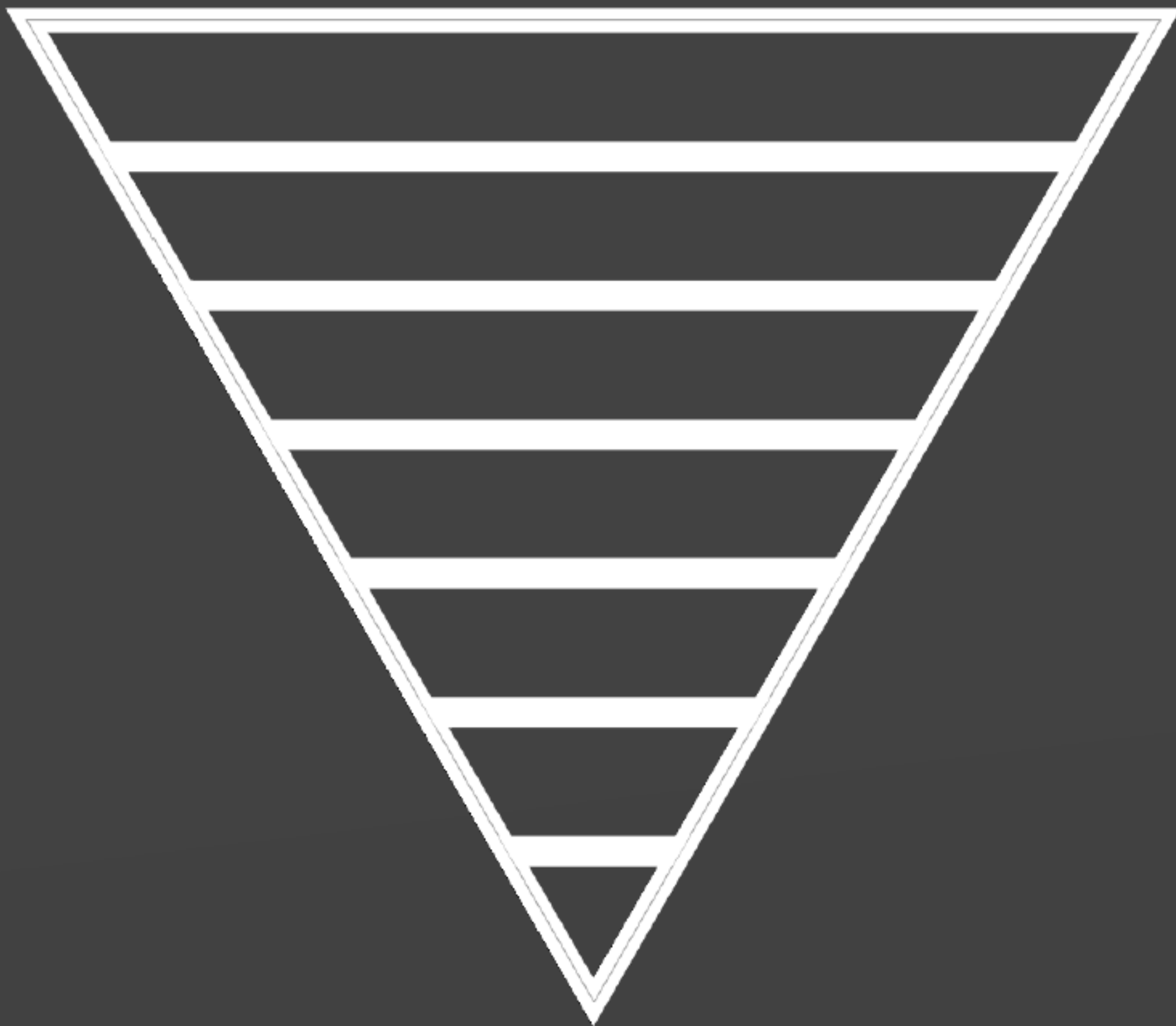




Generico



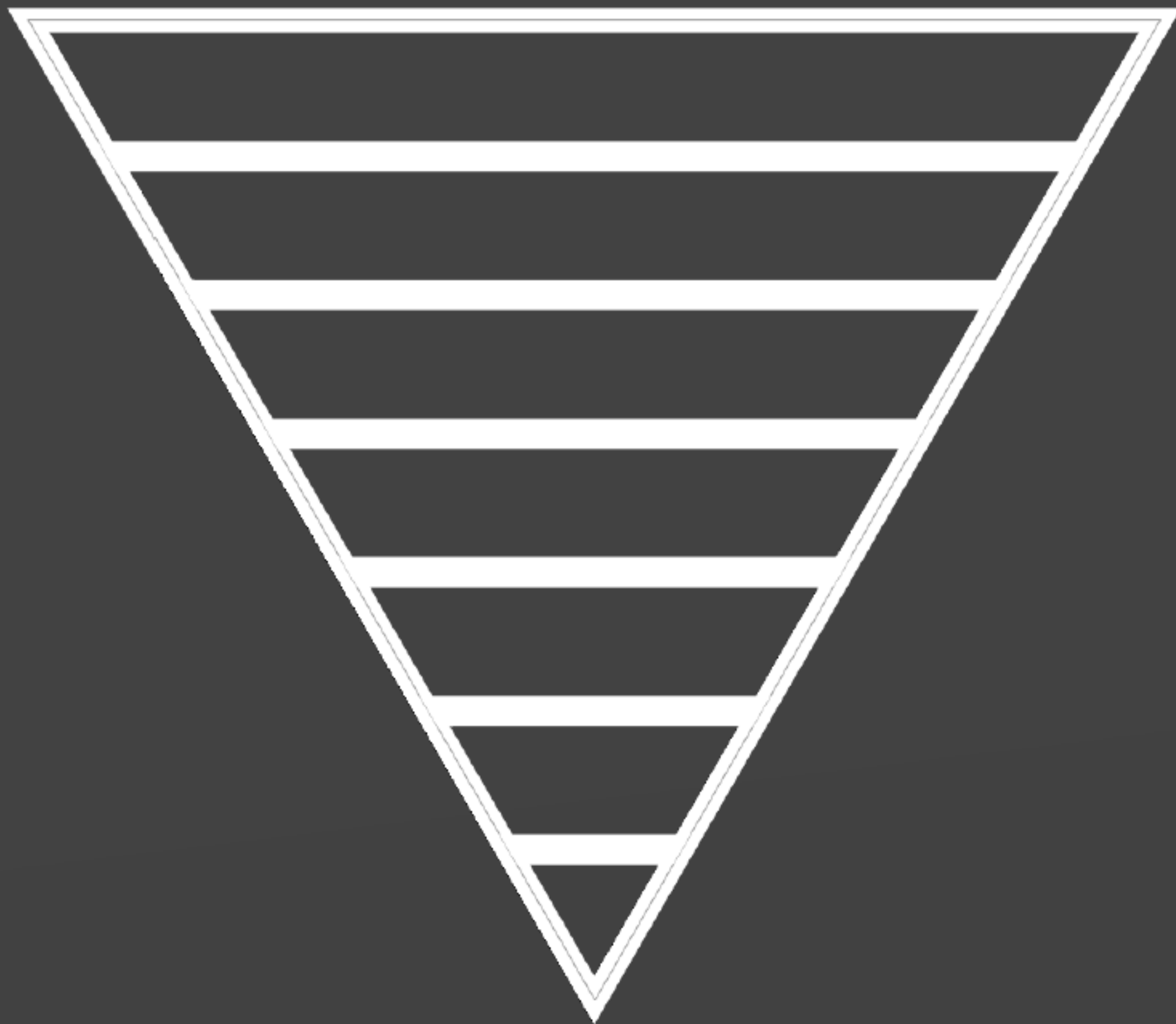
Esplicito



Globale



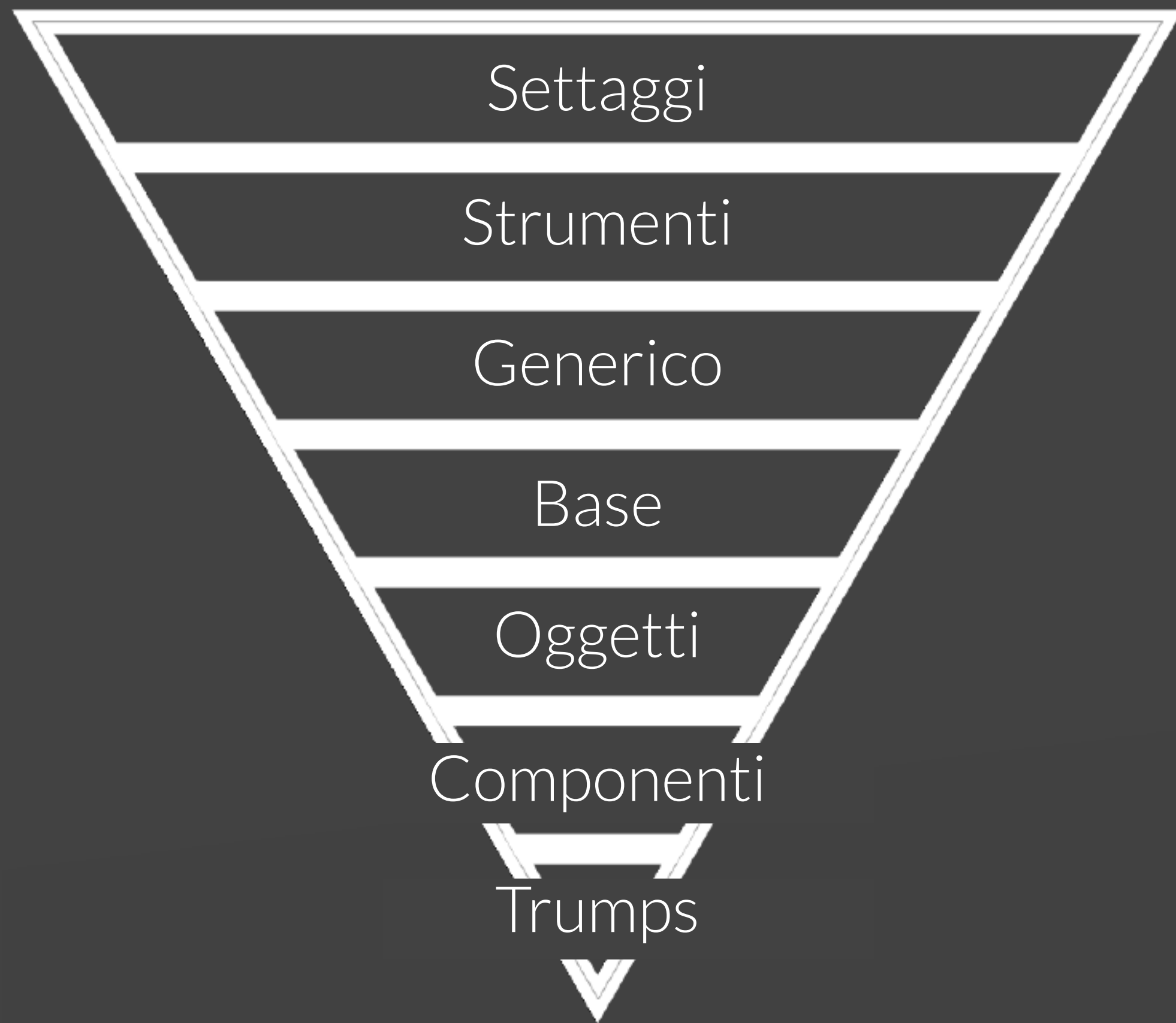
Locale



Bassa specificità



Alta specificità



Strati di default

Settaggi: Variabili globali, config switches.

Strumenti: Default mixins, functions.

Generico: Ground-zero (Normalize.css, resets, box-sizing).

Base: Elementi HTML senza classe (type selectors).

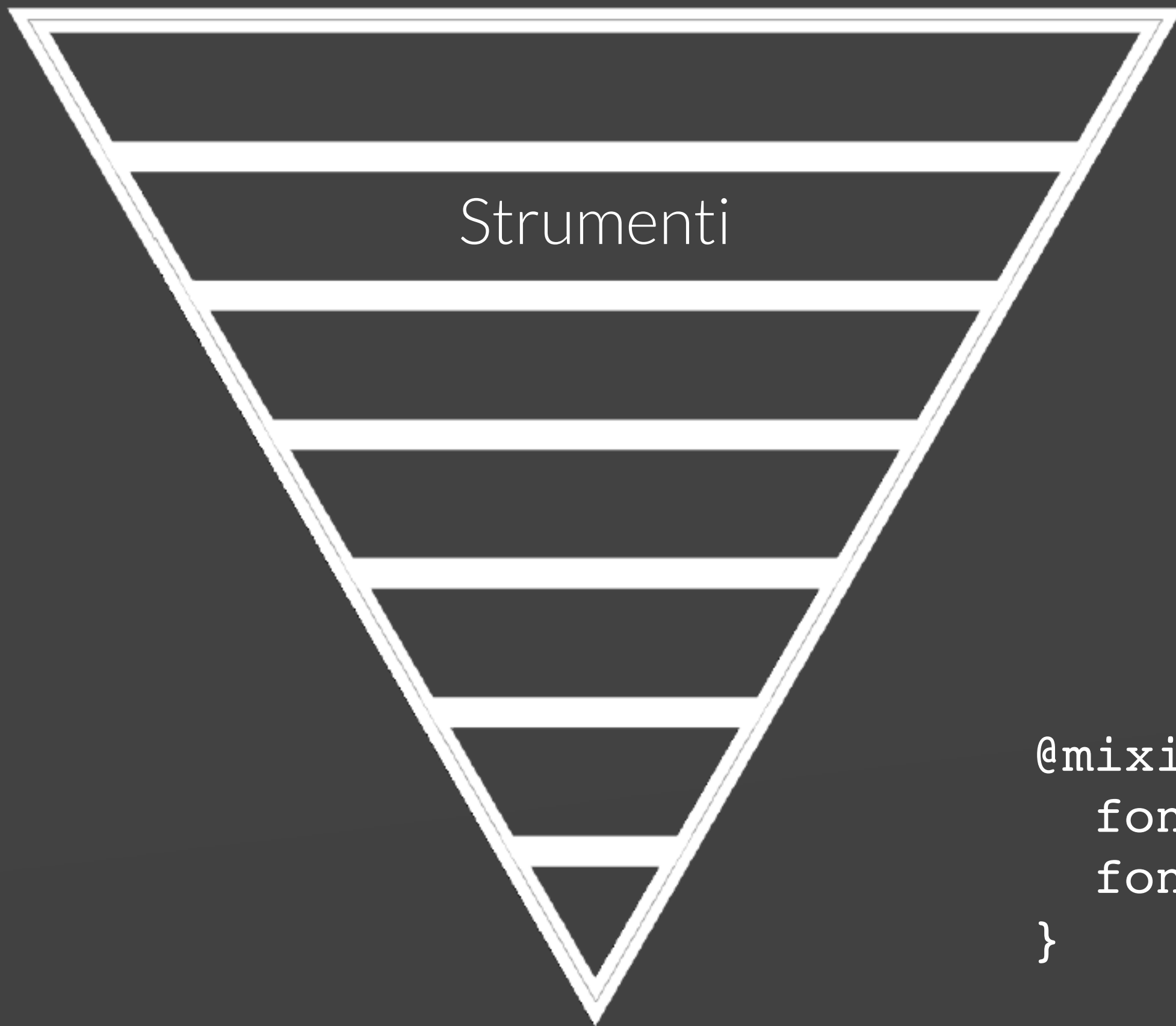
Oggetti: Cosmetic-free design patterns.

Componenti: Designed components, blocchi of UI.

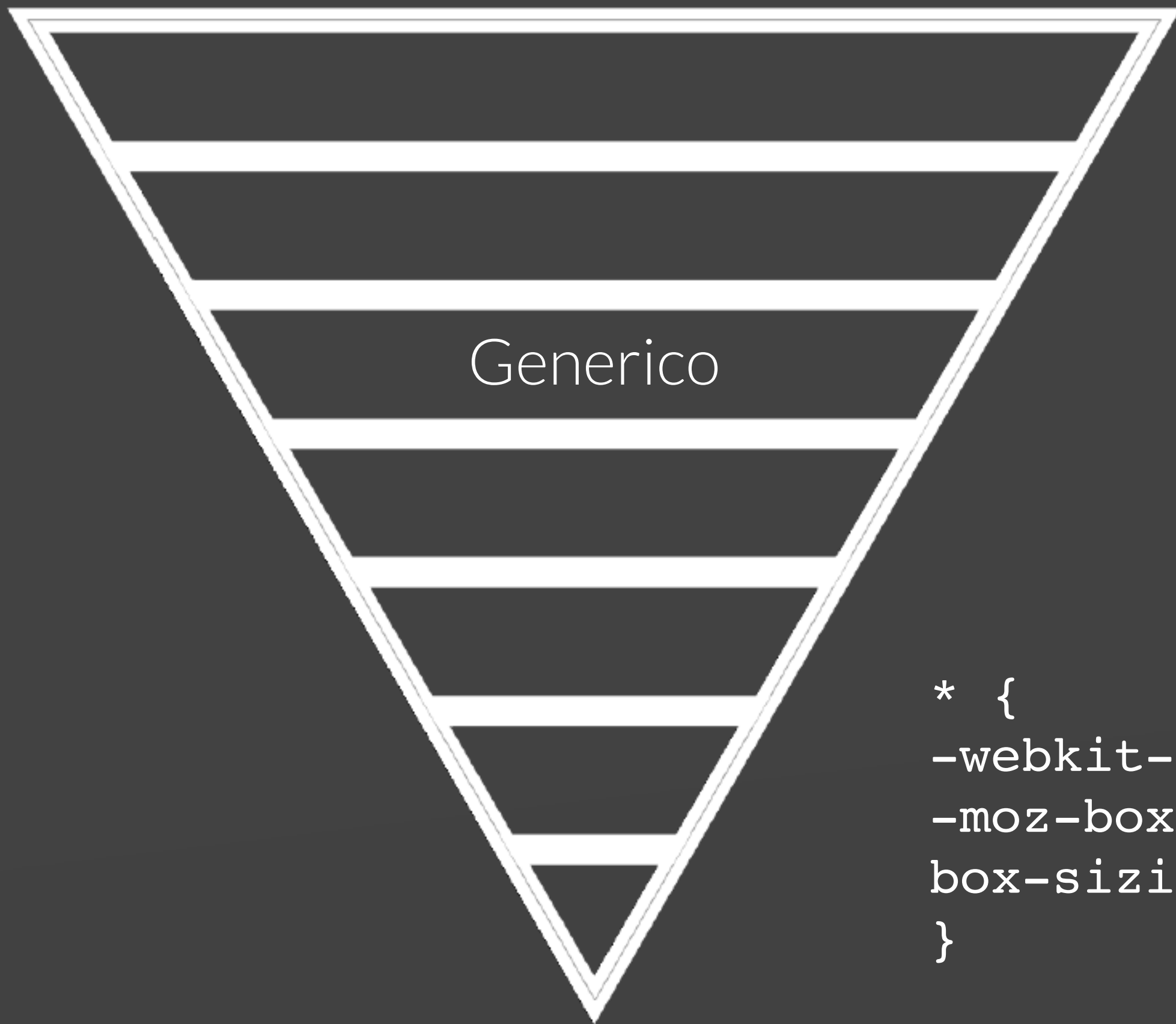
Trumps: Helpers, overrides.



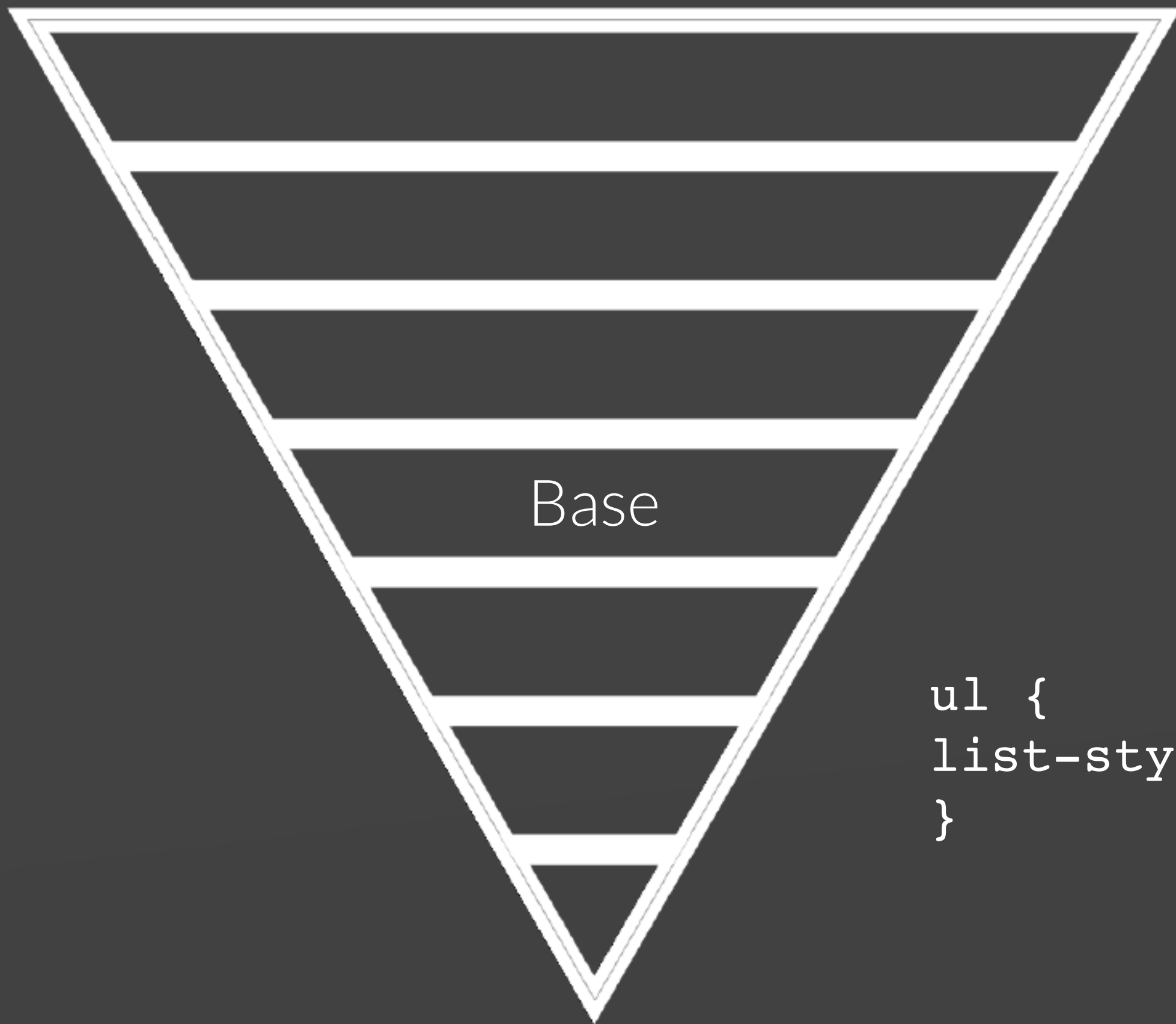
```
$color-ui: #BADA55;  
$spacing-unit: 10px;
```



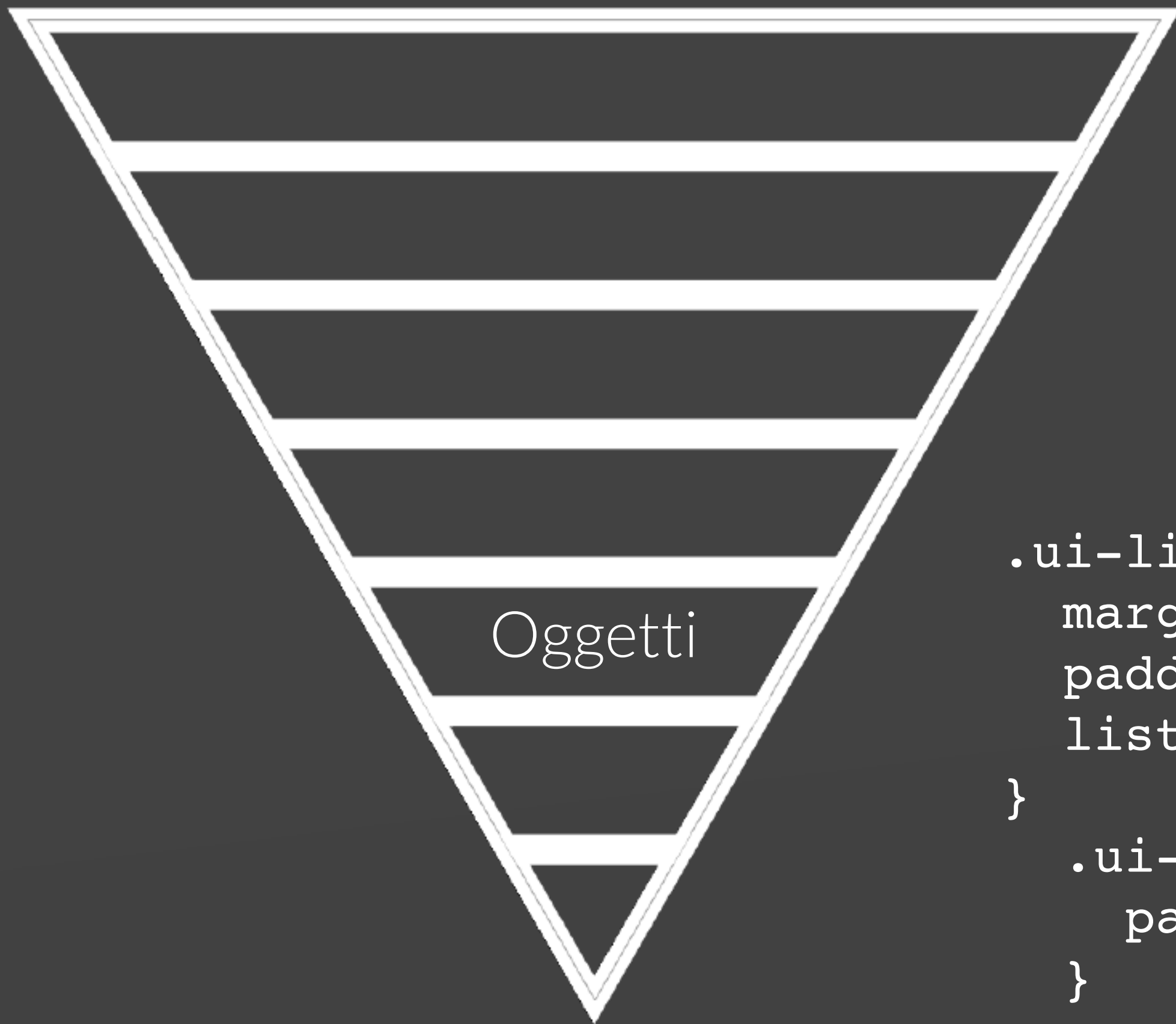
```
@mixin font-brand() {  
    font-family: "UI Font";  
    font-weight: 400;  
}
```



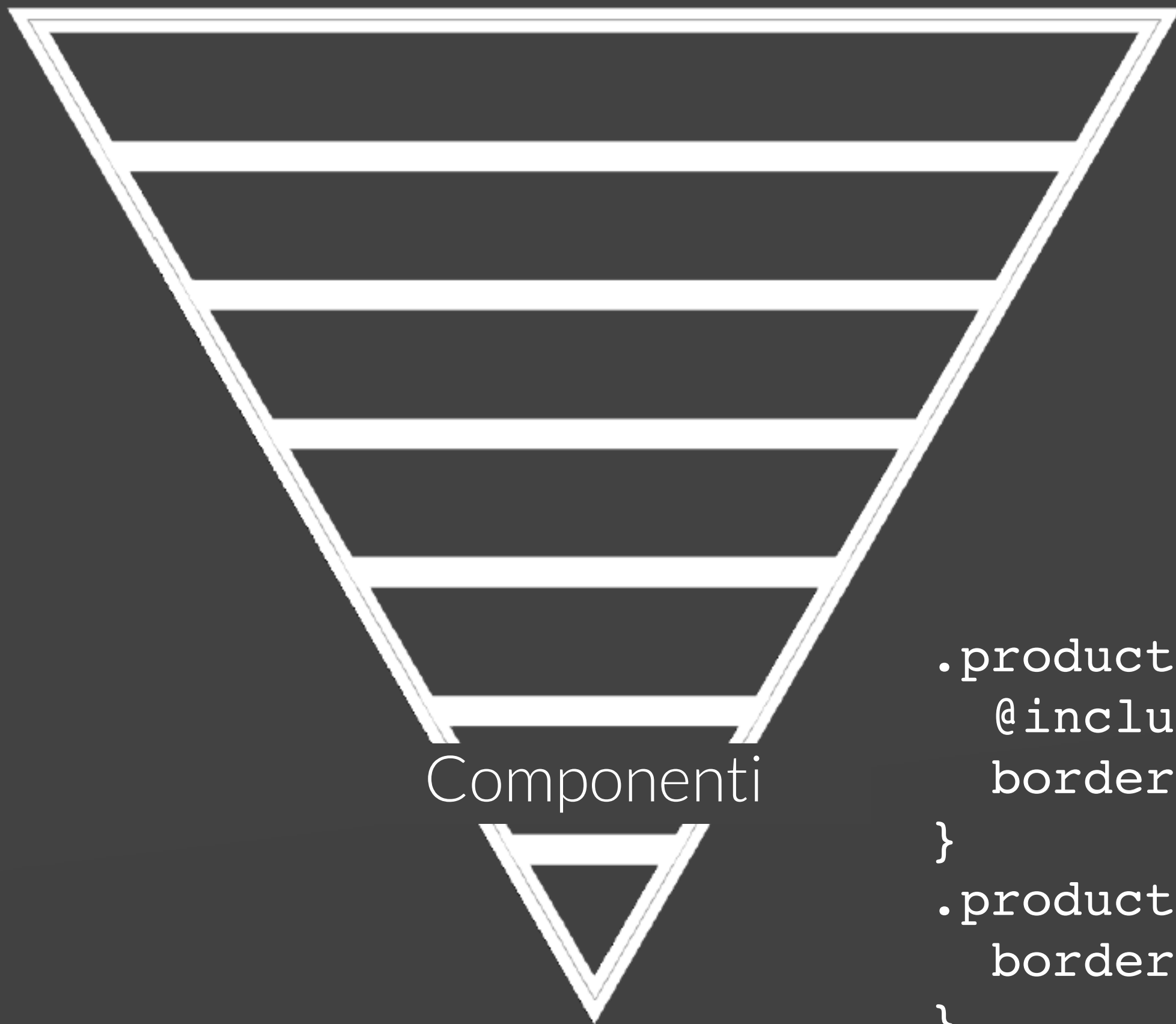
```
* {  
  -webkit-box-sizing: border-box;  
  -moz-box-sizing: border-box;  
  box-sizing: border-box;  
}
```



```
ul {  
  list-style: square outside;  
}
```

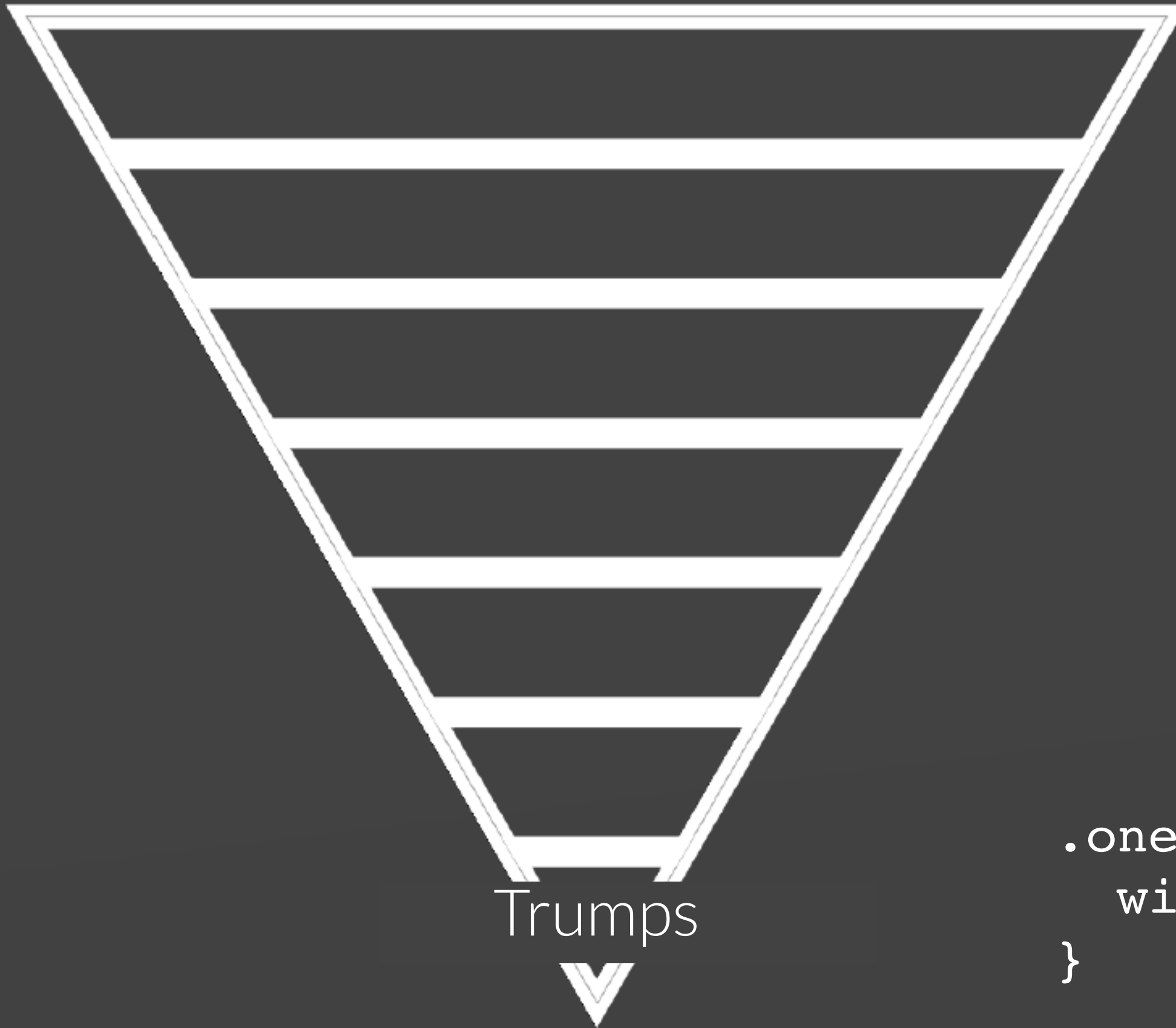


```
.ui-list {  
  margin: 0;  
  padding: 0;  
  list-style: none;  
}  
  
.ui-list__item {  
  padding: $spacing-unit;  
}
```

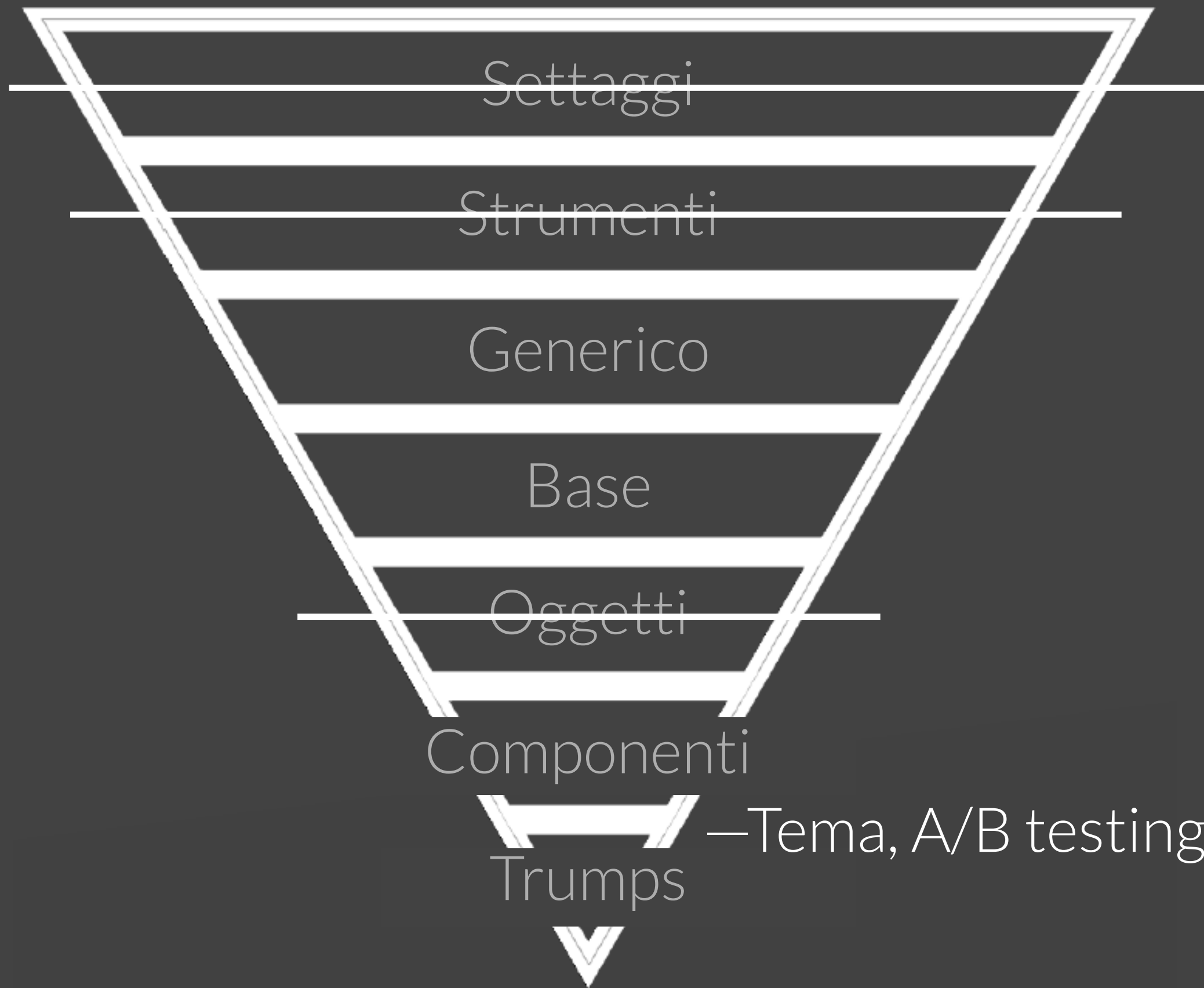


Componenti

```
.products-list {  
  @include font-brand();  
  border-top: 1px solid $color-ui;  
}  
.products-list__item {  
  border-bottom: 1px solid $color-ui;  
}
```



```
.one-half {  
  width: 50% !important;  
}
```



Reference

#ICSS by Harry Roberts @csswizardry

Inuit CSS by Harry Roberts - github.com/inuitcss

Sppecificity Graph generator - github.com/pocketjoso/specificity-graph

Translations / adaption by @nickbalestra