



---

# Blasting Off

with Bootstrap



# Dropping Down From Orbit

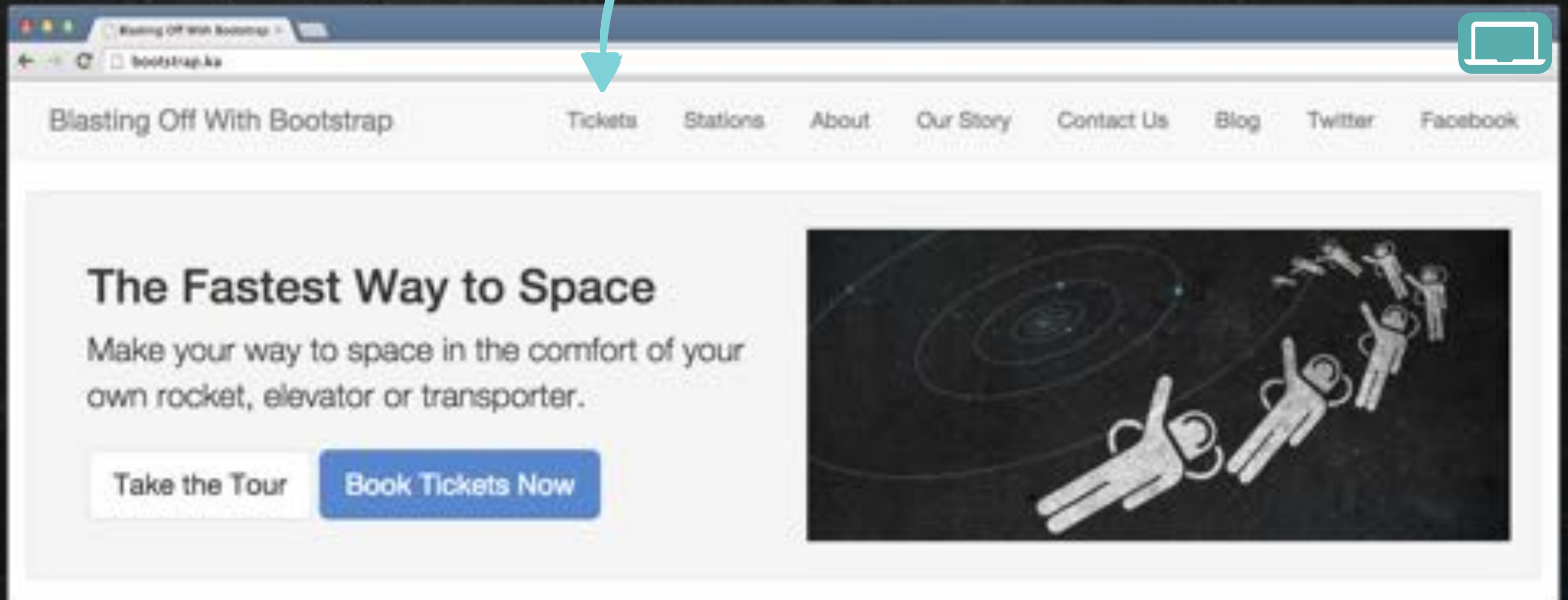
---

Level 5, Section 2



# Our Site is Taking Off and Growing

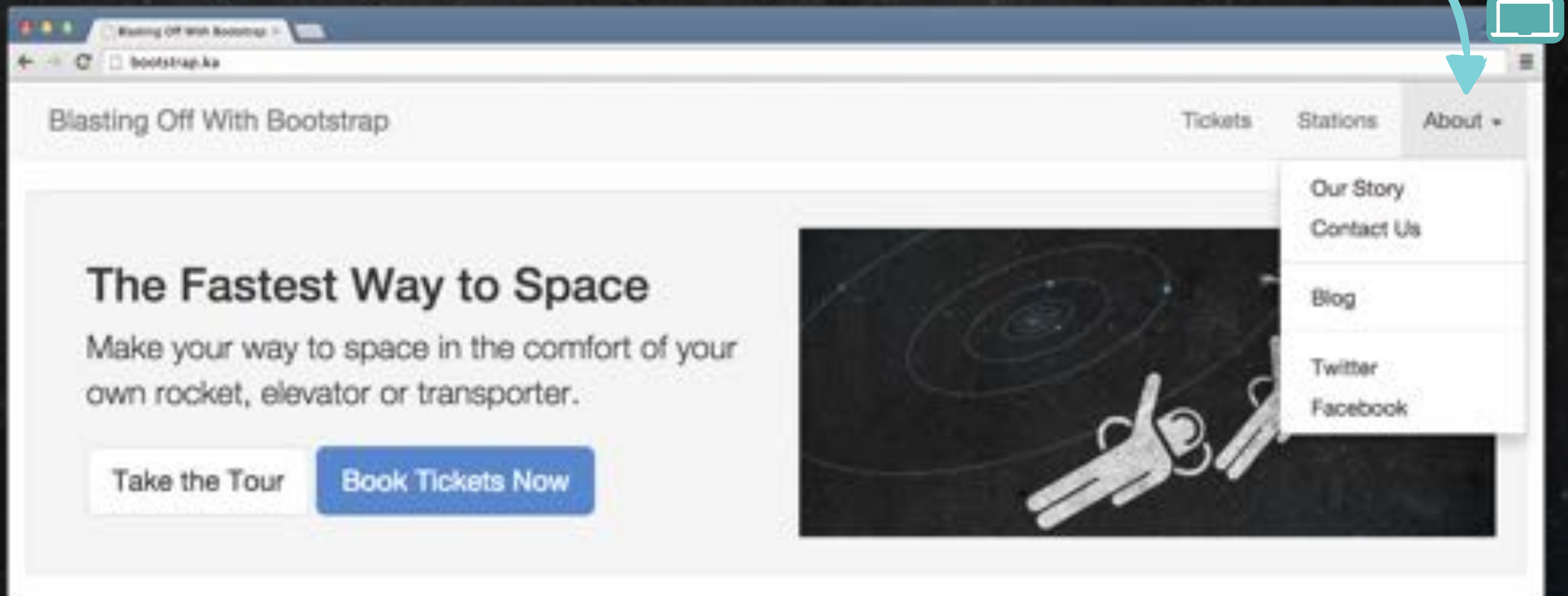
our navigation is getting crazy!  
How can we clean this up?



# Grouping Navigation

We'll consolidate less-used pages under a common navigation header to improve presentation.

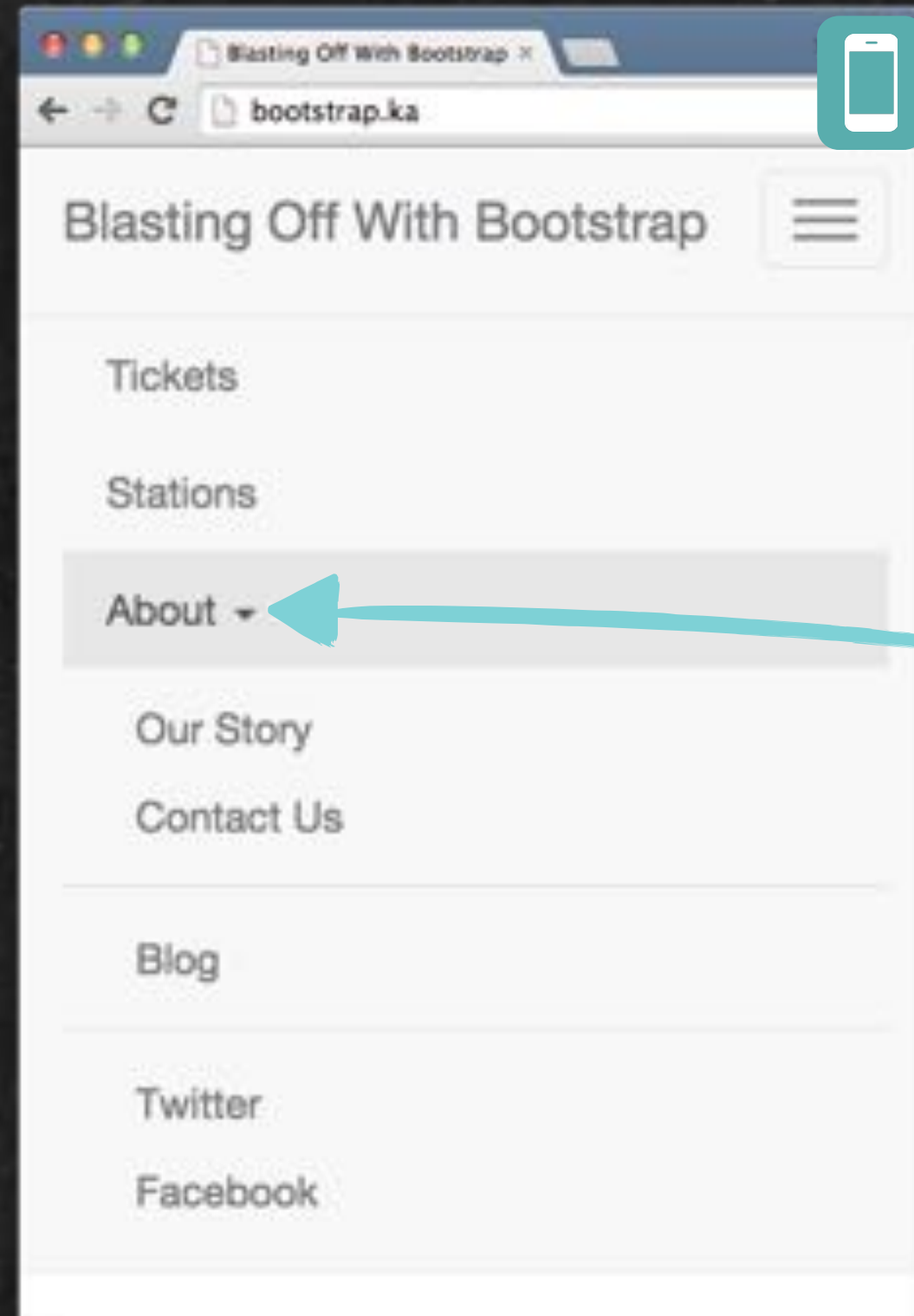
clicking on "About" will expand our navigation.



# Mobile First!

We'll make it work on mobile from the start.

we'll make our drop down work in extra small mode from the start.



First, let's add the drop down icon.

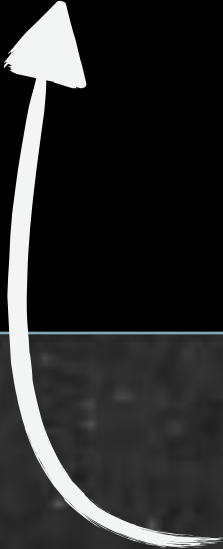


# Our Existing Navigation Links

Our about link will need to be changed, otherwise it would take people to a difference page.

index.html

```
<ul class='nav ...'>
  <li><a href='tickets.html'>Tickets</a></li>
  <li><a href='stations.html'>Stations</a></li>
  <li>
    <a href='about.html'>About</a>
  </li>
  ...
</ul>
```



Instead of linking to the about page, we'll want this to expand and show other links.

# Converting the About Link

By linking to #, we tell the browser to not go to a new page.

index.html

```
<ul class='nav ...'>
  <li><a href='tickets.html'>Tickets</a></li>
  <li><a href='stations.html'>Stations</a></li>
  <li>
    <a href='#'>About <span class='caret'></span></a>
  </li>
</ul>
```

About ▼

# won't take  
visitors to a new page

Add our drop down icon using  
Bootstrap's .caret class.

# Adding More Links

index.html

```
<li>
  <a href='#>About <span class='caret'></span></a>
  <ul>
    <li><a href='story.html'>Our Story</a></li>
    <li><a href='contact.html'>Contact Us</a></li>
    <li><a href='/blog'>Blog</a></li>
    <li><a href='http://twitter.com/...'>Twitter</a></li>
    <li><a href='http://facebook.com/...'>Facebook</a></li>
  </ul>
</li>
```

About ▼

- Our Story
- Contact Us
- Blog
- Twitter
- Facebook

All of our new links will be grouped in our about element's <li>



# Converting to a Dropdown Menu

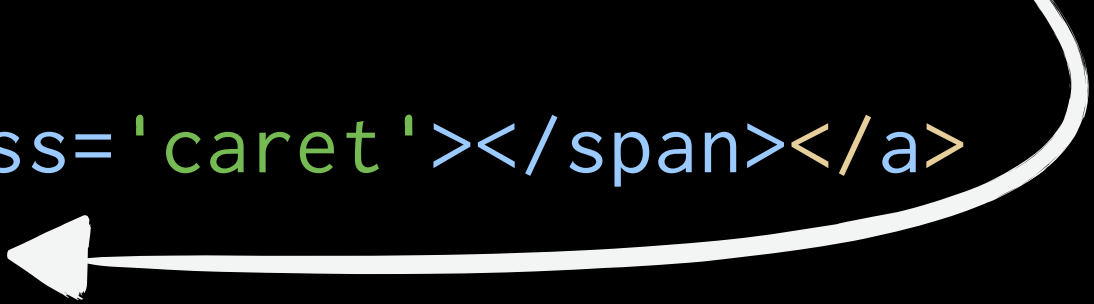
We don't want our sub navigation to be shown when the page loads.

This lets Bootstrap know this list is a drop down menu.  
It won't be shown on page load.

index.html

About ▼

```
<li>
  <a href='#>About <span class='caret'></span></a>
  <ul class='dropdown-menu'>
    <li><a href='story.html'>Our Story</a></li>
    <li><a href='contact.html'>Contact Us</a></li>
    <li><a href='/blog'>Blog</a></li>
    <li><a href='http://twitter.com/...'>Twitter</a></li>
    <li><a href='http://facebook.com/...'>Facebook</a></li>
  </ul>
</li>
```



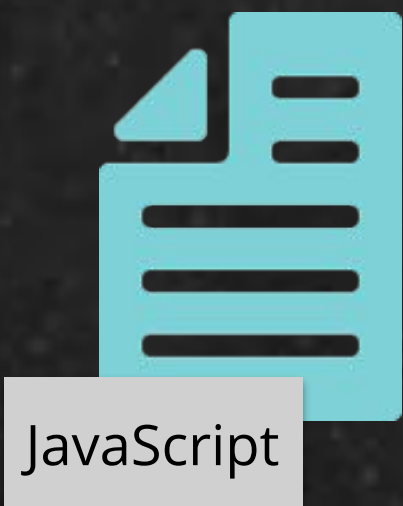
# Two Ways to Use JavaScript Plugins

Remember how there are two ways to use JavaScript plugins? Let's look at another example.

we'll add a Dropdown  
using data attributes

Add data-\*  
attributes to HTML

Write JavaScript



# Adding Behavior using Toggle

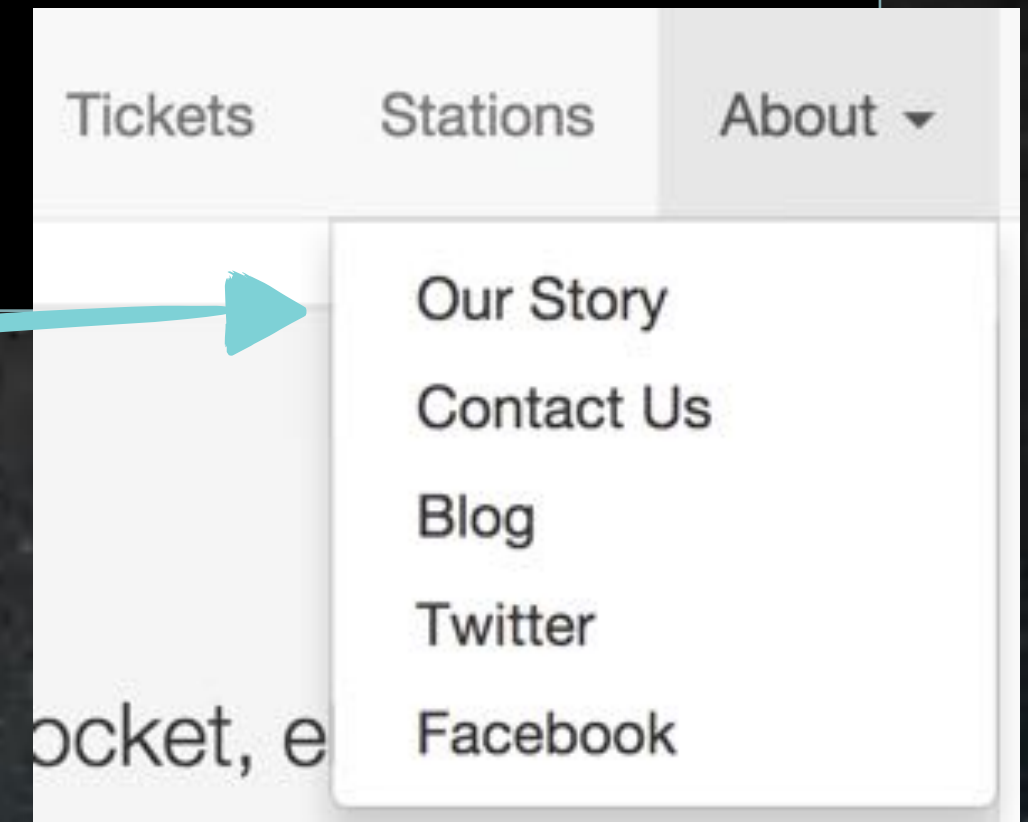
Similar to the Collapse plugin, we'll add classes to our HTML to use the Dropdown plugin.

When About is clicked, Bootstrap adds a class of `.open` to the parent element.

index.html

```
<li>  
  <a href='#' data-toggle='dropdown'>  
    About <span class='caret'></span>  
  </a>  
  <ul class='dropdown-menu'>...</ul>  
</li>
```

About ▼





# Starting our Dropdown Open

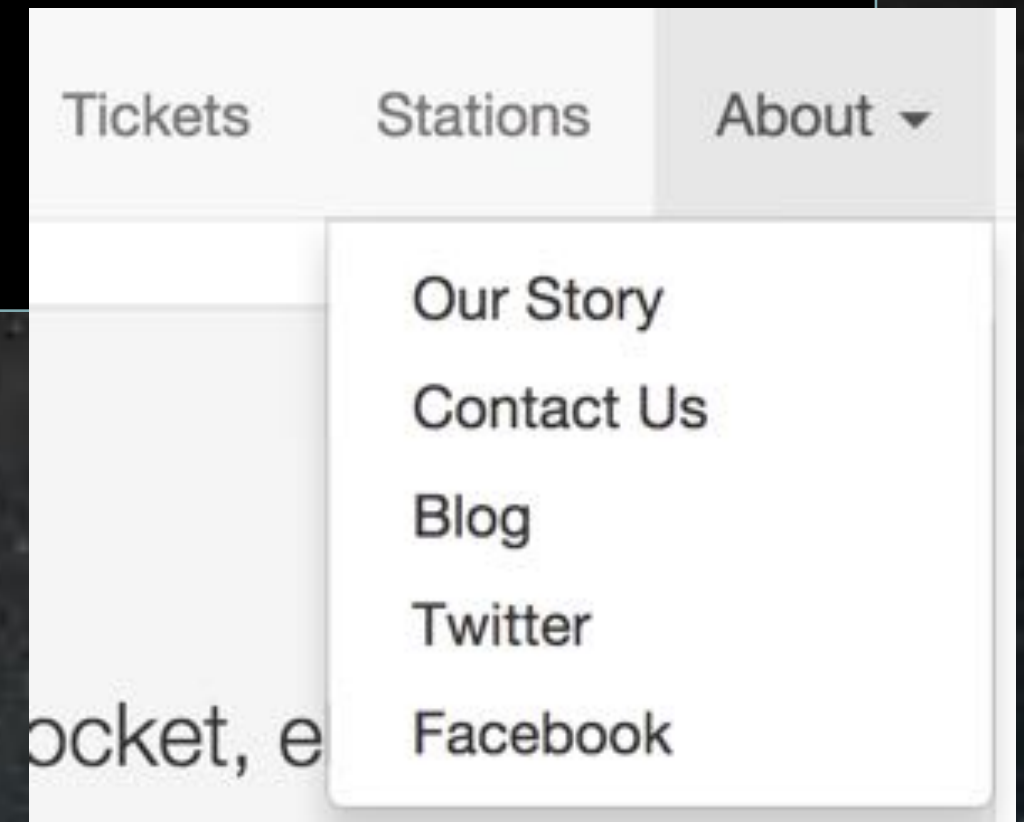
The Dropdown plugin is adding and removing classes for us, which we could do ourselves.

If we wanted our dropdown to start open, we could do it with a class.

index.html

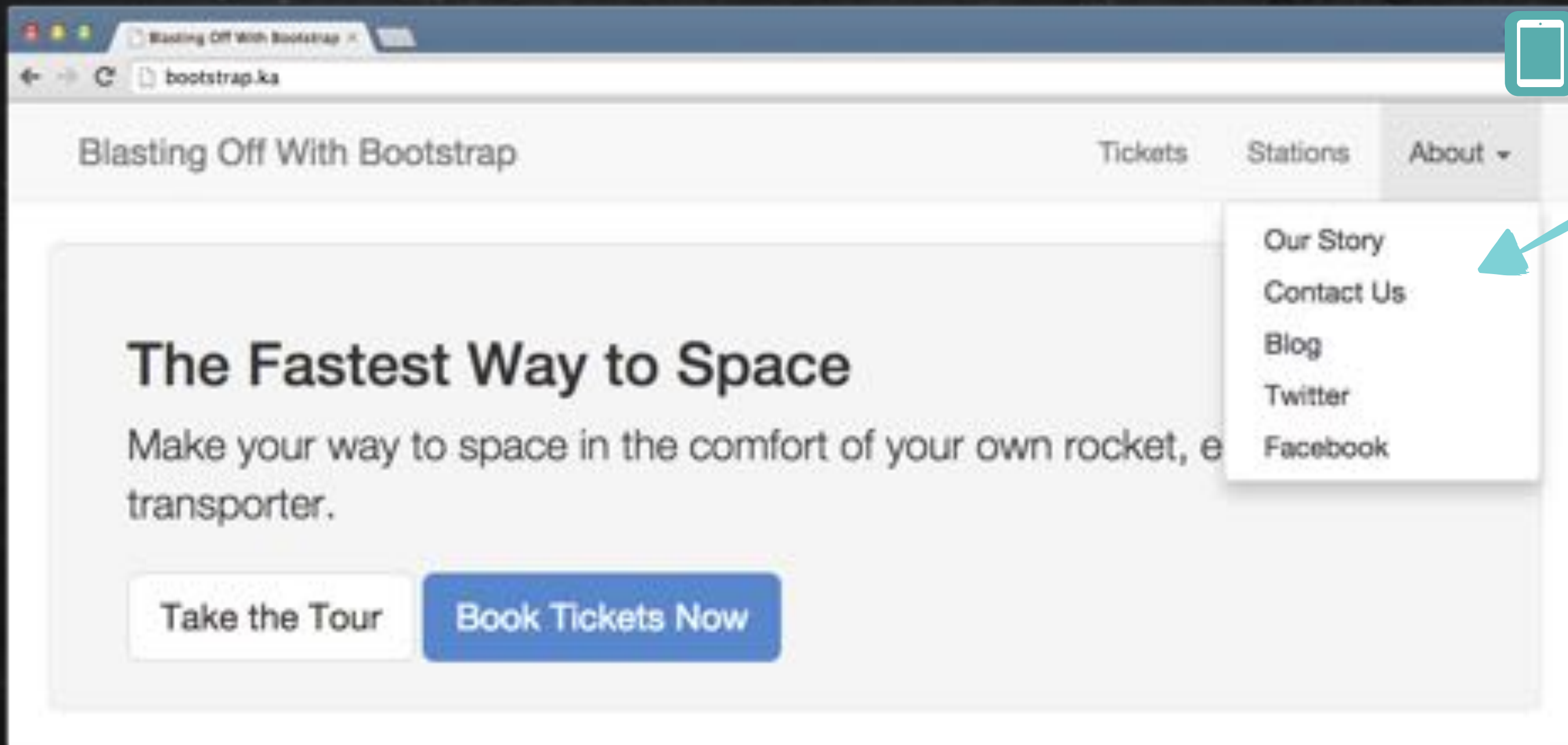
```
<li class='open'>
  <a href='#' data-toggle='dropdown'>
    About <span class='caret'></span>
  </a>
  <ul class='dropdown-menu'>...</ul>
</li>
```

clicking on About now, would  
remove the `.open` class,  
closing the dropdown.



# Our Dropdown Menu So Far

wait, didn't we have some cool dividers between links?



# Adding Dividers

index.html

```
<li>
  <a href='#' data-toggle='dropdown'>About
    <span class='caret'></span></a>
  <ul class='dropdown-menu'>
    <li><a href='story.html'>Our Story</a></li>
    <li><a href='contact.html'>Contact Us</a></li>
    <li class='divider'></li>
    <li><a href='/blog'>Blog</a></li>
    <li class='divider'></li>
    <li><a href='http://twitter.com/...'>Twitter</a></li>
    <li><a href='http://facebook.com/...'>Facebook</a></li>
  </ul>
</li>
```

Adds a nice horizontal break  
to help group menu items.



Our Story  
Contact Us  
Blog  
Twitter  
Facebook




# What About Users Without JavaScript?

We want to make sure our site works well when JavaScript is disabled.

index.html

```
<li>
  <a href='#' data-toggle='dropdown'>
    About <span class='caret'></span>
  </a>
  ...
</li>
```



If a visitor has JavaScript disabled, they'll click on About and nothing will happen!

# Graceful Degradation with JavaScript

Graceful degradation means that visitors with old browsers will still have an intended experience.

If a user has JavaScript enabled, they'll see the drop down menu and the URL won't change.

index.html

```
<li>
  <a href='about.html' data-target='#' data-toggle='dropdown'>
    About <span class='caret'></span>
  </a>
  ...
</li>
```

If they have JavaScript disabled, they'll be taken to the about.html page.

# Dropping Down From Orbit

---

Level 5, Section 2