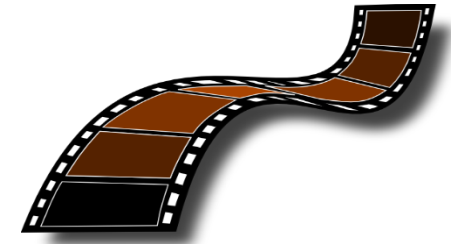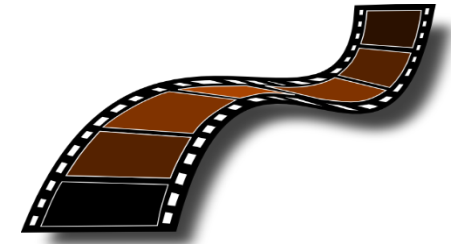# Create Left (Sidebar) Navigation

Paul D. Sheriff

Psheriff@pdsa.com, www.pdsa.com, @pdsainc
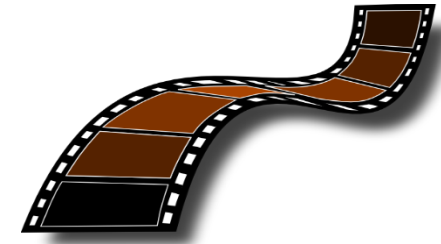
Reasons to Watch This Module

Reasons to Watch This Module

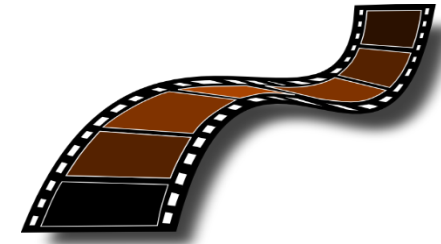- Learn to create a left navigation system

Reasons to Watch This Module

- Learn to create a left navigation system
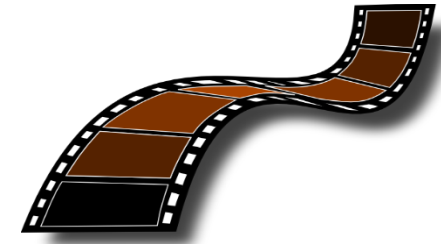 - Not built-in to Bootstrap

Reasons to Watch This Module

- Learn to create a left navigation system
    - Not built-in to Bootstrap
    - Build your own custom styles

Reasons to Watch This Module

- Learn to create a left navigation system
  - Not built-in to Bootstrap
  - Build your own custom styles
- Use media queries

Reasons to Watch This Module

- Learn to create a left navigation system
    - Not built-in to Bootstrap
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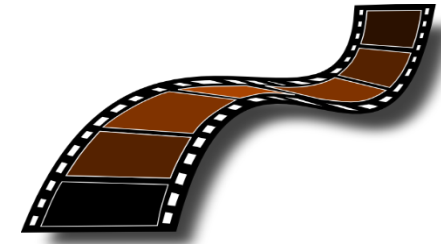   - Make left navigation disappear on small devices

Reasons to Watch This Module

- Learn to create a left navigation system
    - Not built-in to Bootstrap
    - Build your own custom styles
- Use media queries
    - Make left navigation disappear on small devices
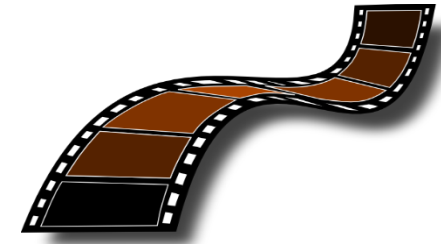   - Show icons instead of text on small devices

Reasons to Watch This Module

- Learn to create a left navigation system
  - Not built-in to Bootstrap
  - Build your own custom styles
- Use media queries
  - Make left navigation disappear on small devices
  - Show icons instead of text on small devices
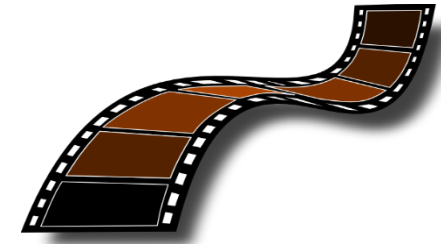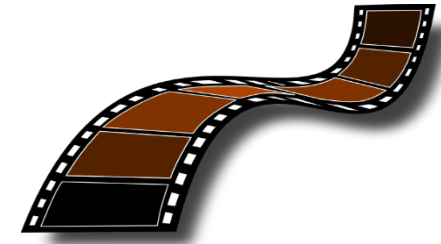- Accordion menus within left navigation

Reasons to Watch This Module

- Learn to create a left navigation system
  - Not built-in to Bootstrap
  - Build your own custom styles
- Use media queries
  - Make left navigation disappear on small devices
  - Show icons instead of text on small devices
- Accordion menus within left navigation
- Let's get started…

Simple Left Navigation

Simple Left Navigation

- Keep the HTML clean

```
<nav class="pdsa-sn-wrapper">
    <ul>
        <li class="pdsa-sn-brand">
            <a href="#">Music</a>
        </li>
        <li>
            <a href="#">Home</a>
        </li>
        <li>
            <a href="#">Genres</a>
        </li>
    </ul>
</nav>
```

Simple Left Navigation

- Keep the HTML clean

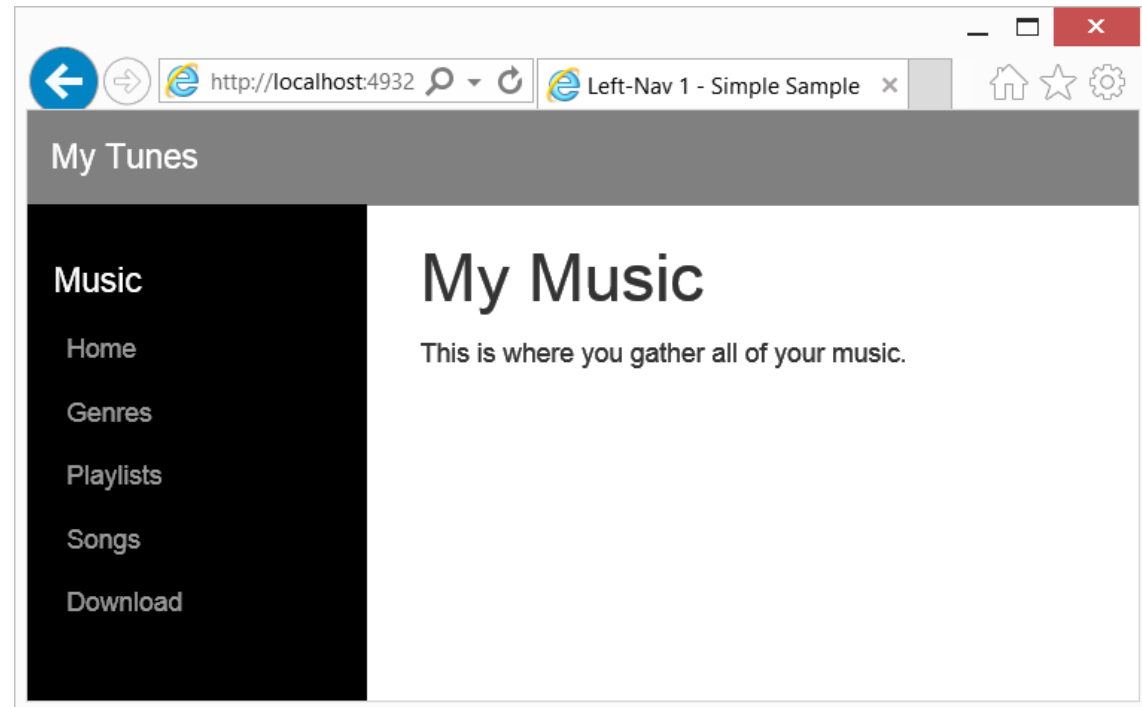- Create your own styles

```
<nav class="pdsa-sn-wrapper">
    <ul>
        <li class="pdsa-sn-brand">
            <a href="#">Music</a>
        </li>
        <li>
            <a href="#">Home</a>
        </li>
        <li>
            <a href="#">Genres</a>
        </li>
    </ul>
</nav>
```


My Tunes

Music

Home

Genres

Playlists

Songs

Download

My Music

This is where you gather all of your music.

Simple Left Navigation

Simple Left Navigation

- Create a wrapper class style

Simple Left Navigation

- Create a wrapper class style

- Use element styles within wrapper

Simple Left Navigation

- Create a wrapper class style

- Use element styles within wrapper

```css
.pdsa-sn-wrapper {
    position: absolute;
    top: 3.6em;
    left: 0em;
    width: 13em;
    height: 100%;
    background-color: black;
}
    .pdsa-sn-wrapper ul {
        width: 11em;
        list-style: none;
        margin-top: 2em;
        margin-left: 1em;
        padding: 0em;
    }
```

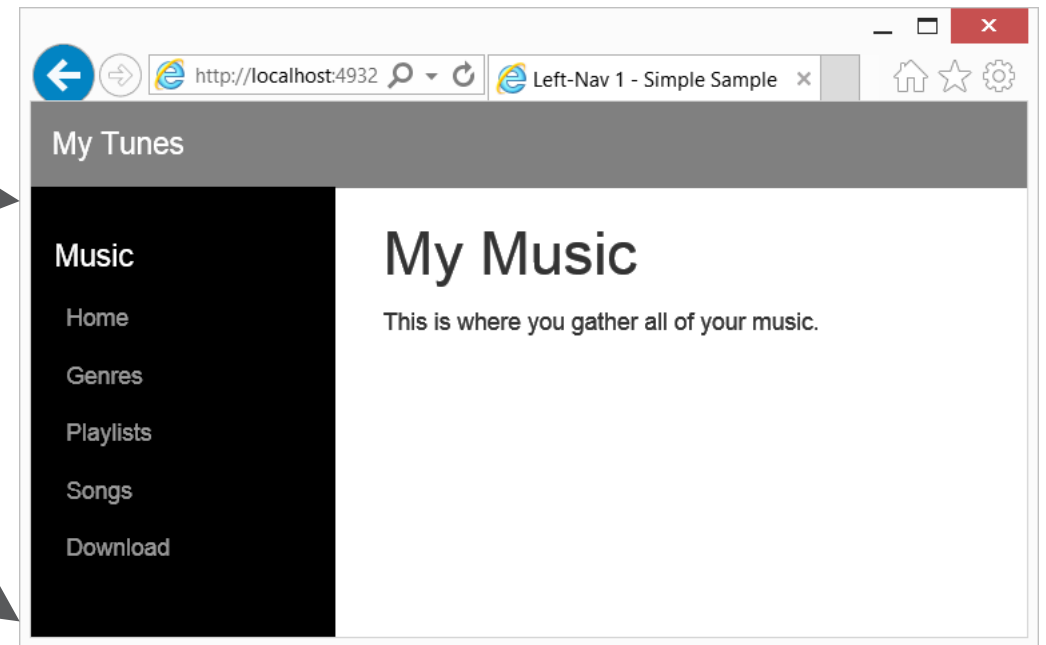# Simple Left Navigation

- Create a wrapper class style

- Use element styles within wrapper

```css
.pdsa-sn-wrapper {
    position: absolute;
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    left: 0em;
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Simple Left Navigation

- Create a wrapper class style

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    width: 11em;
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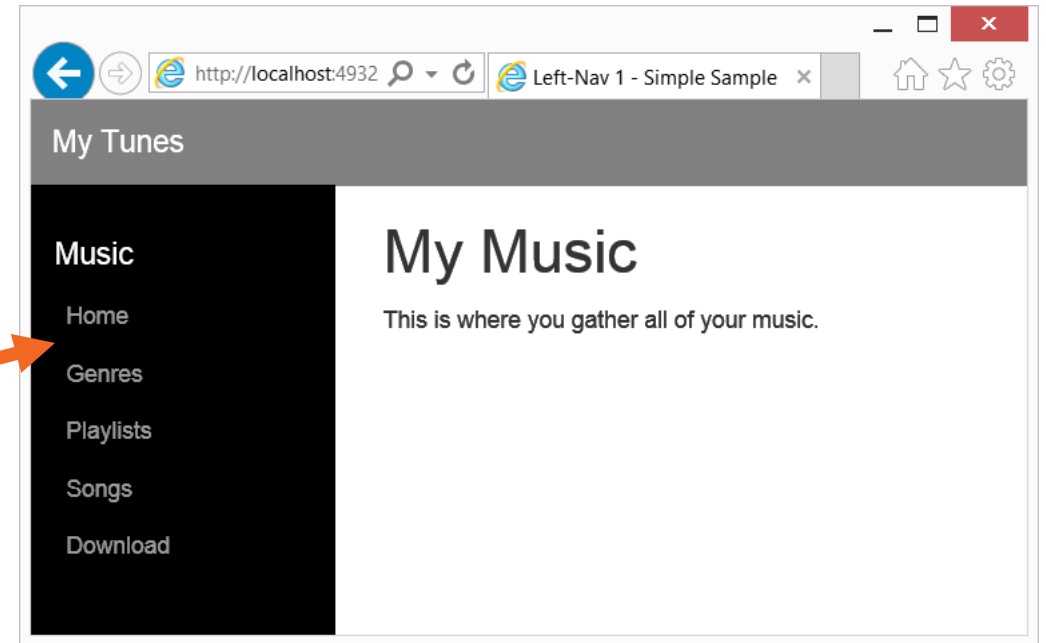
Simple left navigation

Media Query

Media Query

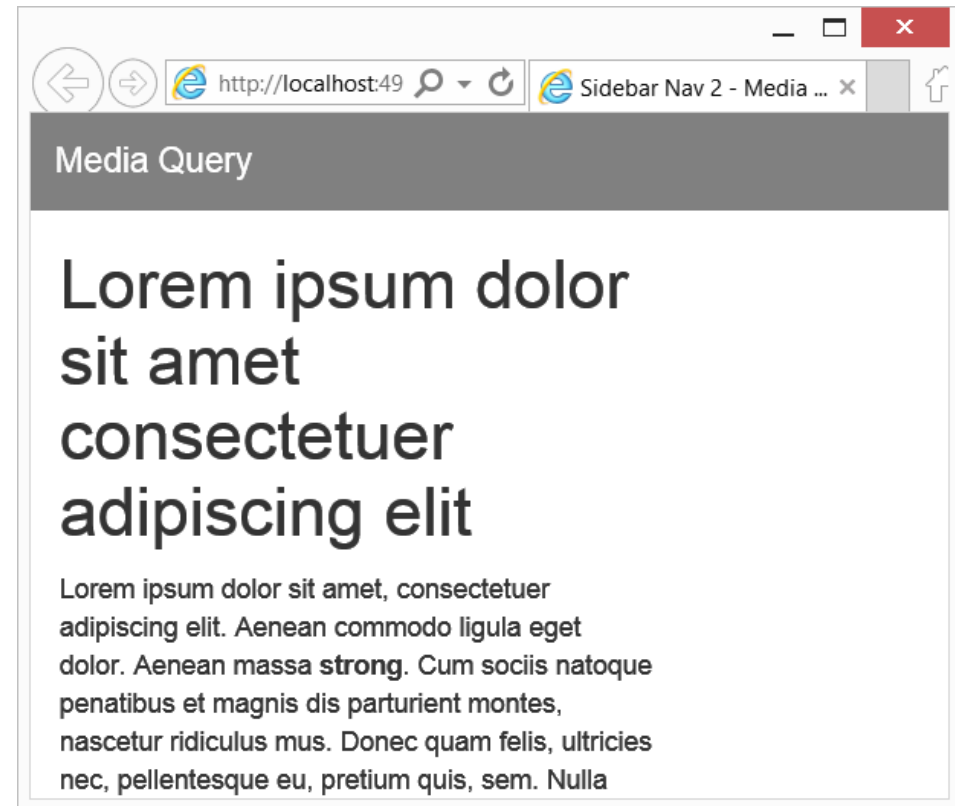- On small devices, make left navigation disappear

Media Query

- On small devices, make left navigation disappear

- Use a media query

Media Query

- On small devices, make left navigation disappear

- Use a media query
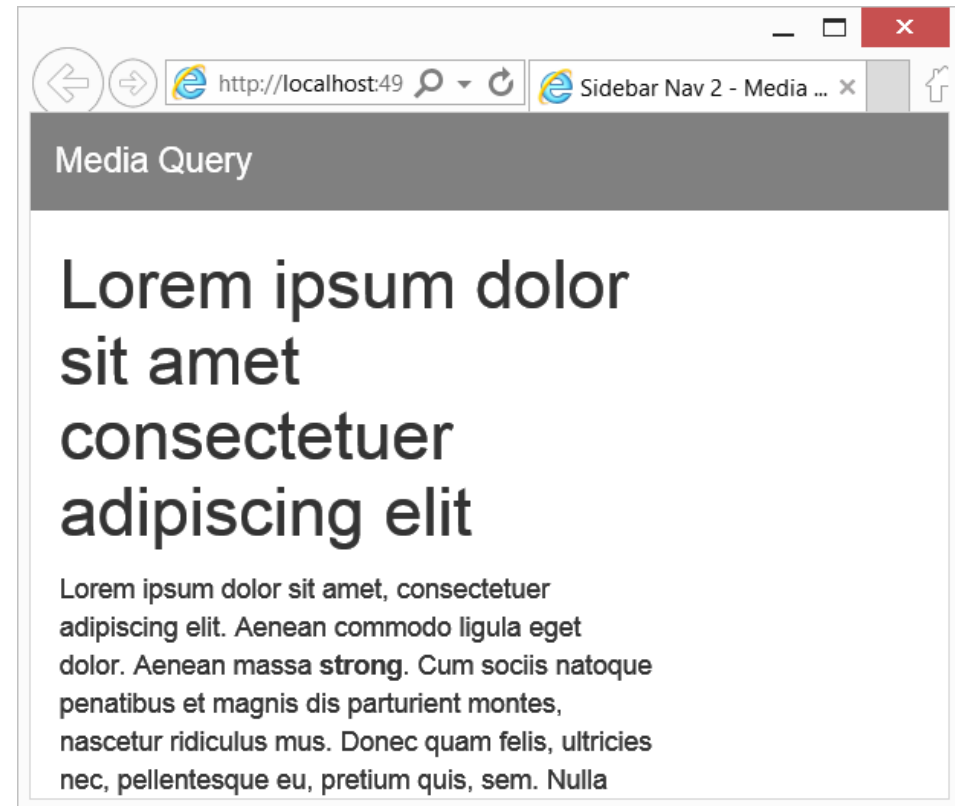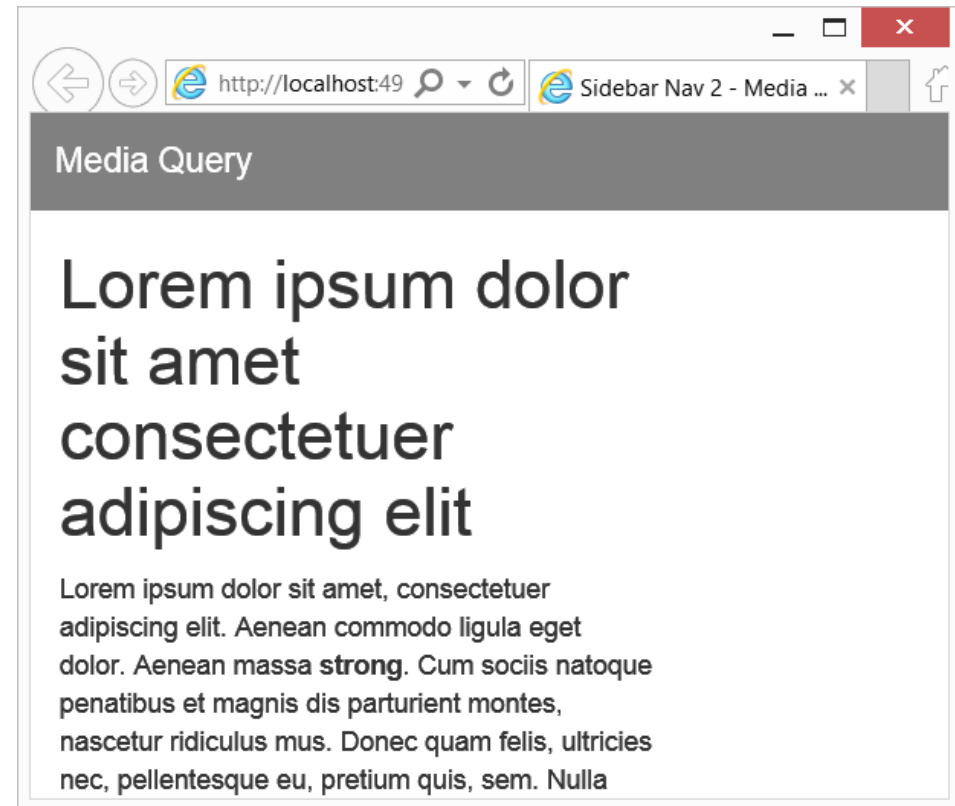
```
@media all and (max-width: 768px) {
    .pdsa-sn-wrapper {
        left: -13em;
    }

    .body-content {
        margin-left: 0em;
    }
}
```

Media Query

- On small devices, make left navigation disappear

- Use a media query

```
@media all and (max-width: 768px) {
    .pdsa-sn-wrapper {
        left: -13em;
    }

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        margin-left: 0em;
    }
}
```


Media Query

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Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Aenean commodo ligula eget dolor. Aenean massa **strong**. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Donec quam felis, ultricies nec, pellentesque eu, pretium quis, sem. Nulla

Media Query

- On small devices, make left navigation disappear

- Use a media query

```
@media all and (max-width: 768px) {
    .pdsa-sn-wrapper {
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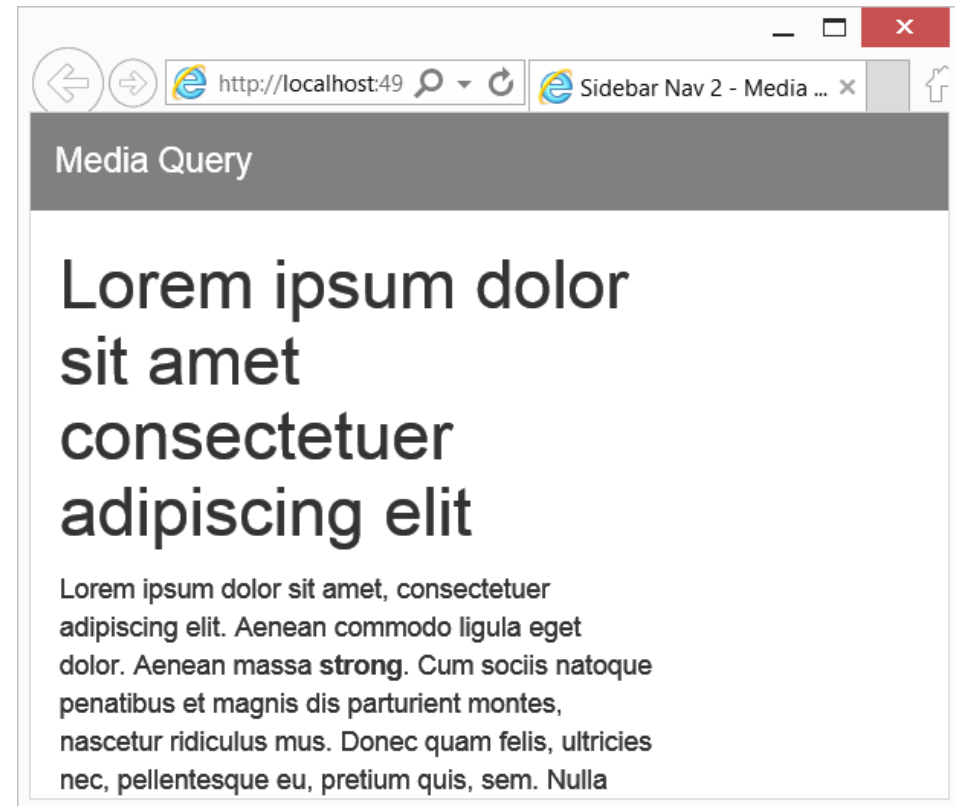
Media Query

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```


Media Query

Lorem ipsum dolor sit amet consectetuer adipiscing elit

Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Aenean commodo ligula eget dolor. Aenean massa **strong**. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Donec quam felis, ultricies nec, pellentesque eu, pretium quis, sem. Nulla

Media query

Media Query / Transition

Media Query / Transition

- Use CSS 3 transitions for animation

Media Query / Transition

- Use CSS 3 transitions for animation

- Properties you are animating must have been set explicitly

```
.body-content {
  transition: margin-left 0.3s linear;
  -moz-transition: margin-left 0.3s linear;
  -webkit-transition: margin-left 0.3s linear;
}

.pdsa-sn-wrapper {
  transition: left 0.3s linear;
  -moz-transition: left 0.3s linear;
  -webkit-transition: left 0.3s linear;
}
```

Media Query / Transition

- Use CSS 3 transitions for animation

- Properties you are animating must have been set explicitly

```
.body-content {
  transition: margin-left 0.3s linear;
  -moz-transition: margin-left 0.3s linear;
  -webkit-transition: margin-left 0.3s linear;
}

.pdsa-sn-wrapper {
  transition: left 0.3s linear;
  -moz-transition: left 0.3s linear;
  -webkit-transition: left 0.3s linear;
}
```

Media Query / Transition

- Use CSS 3 transitions for animation

- Properties you are animating must have been set explicitly

```
.body-content {
  transition: margin-left 0.3s linear;
  -moz-transition: margin-left 0.3s linear;
  -webkit-transition: margin-left 0.3s linear;
}

.pdsa-sn-wrapper {
  transition: left 0.3s linear;
  -moz-transition: left 0.3s linear;
  -webkit-transition: left 0.3s linear;
}
```

Media query with transition

Transitions and Icons

Transitions and Icons

- Still need navigation on small devices

Transitions and Icons

- Still need navigation on small devices
  - Don't eliminate completely
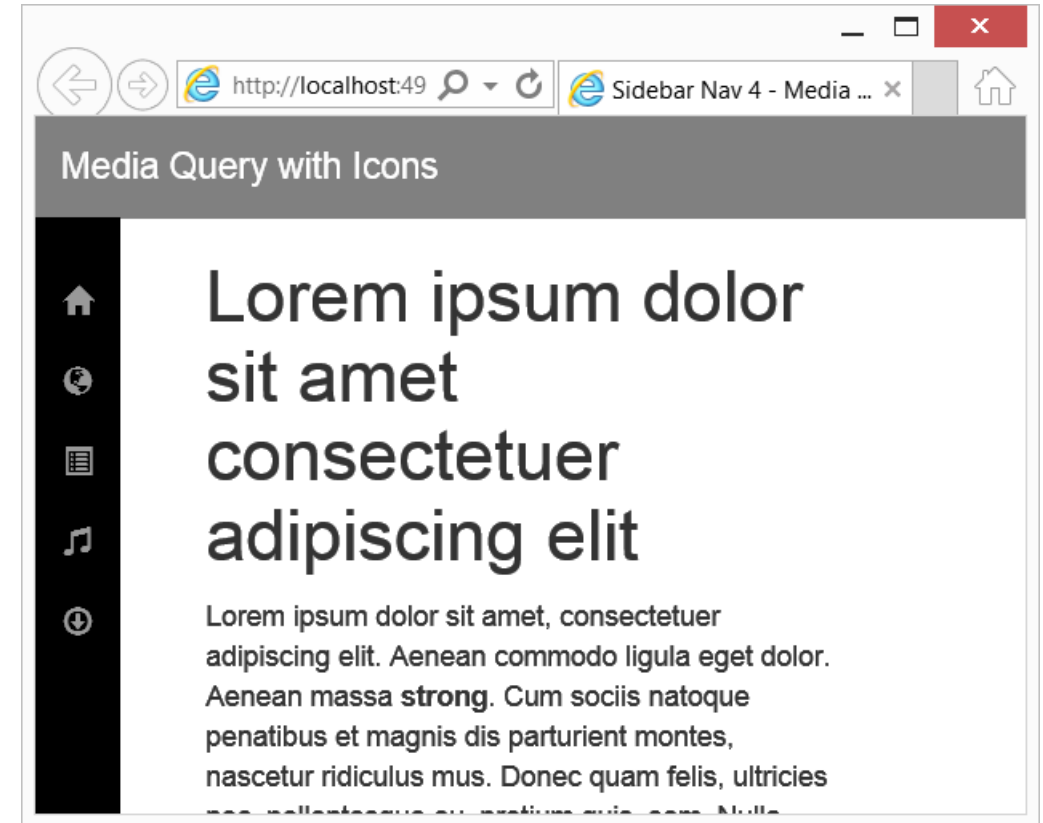
Transitions and Icons

- Still need navigation on small devices
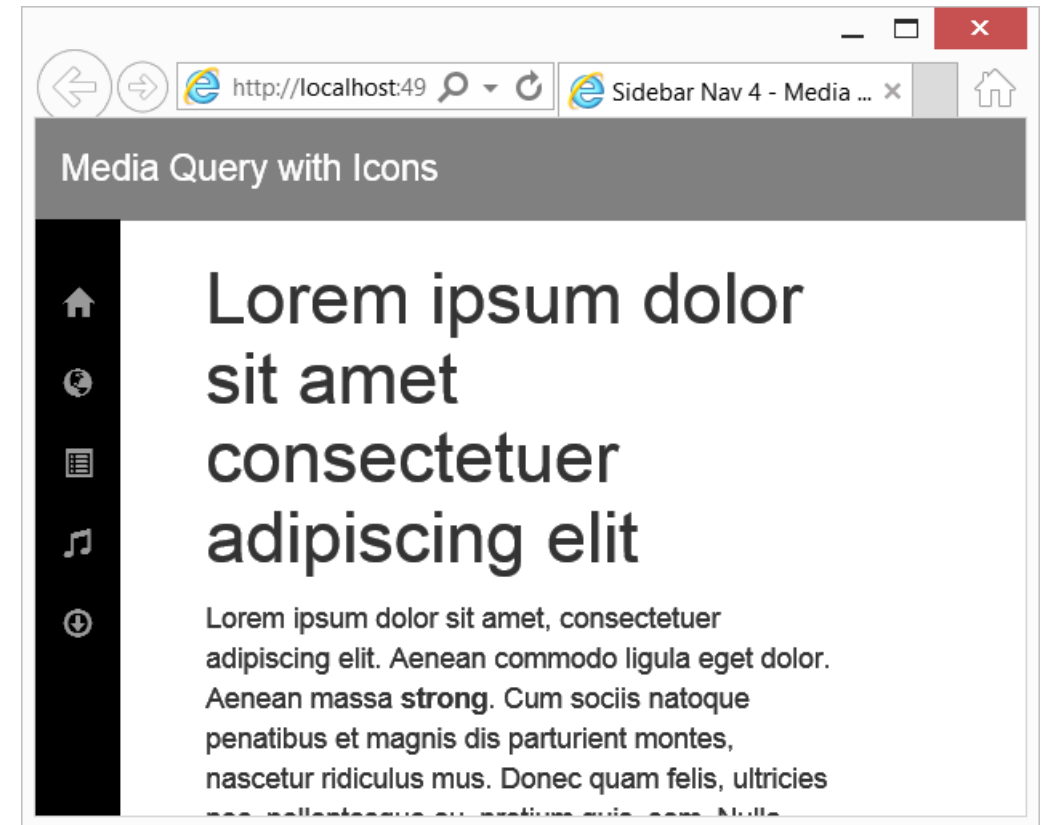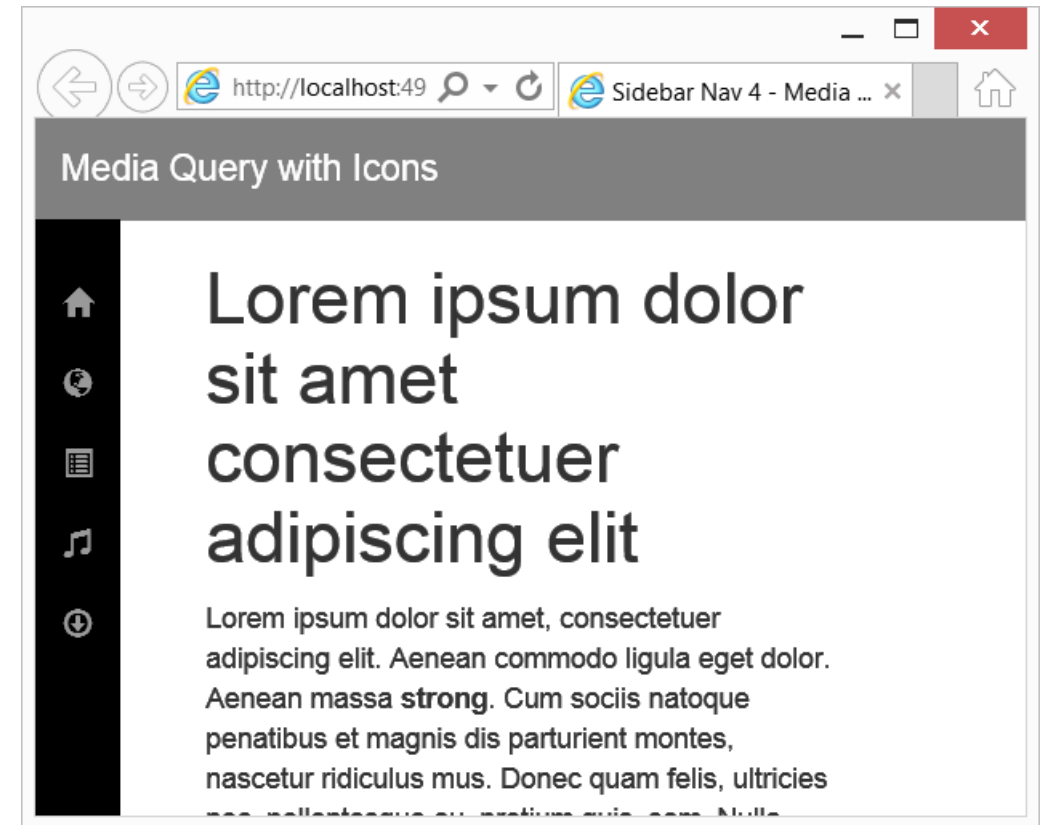 - Don't eliminate completely
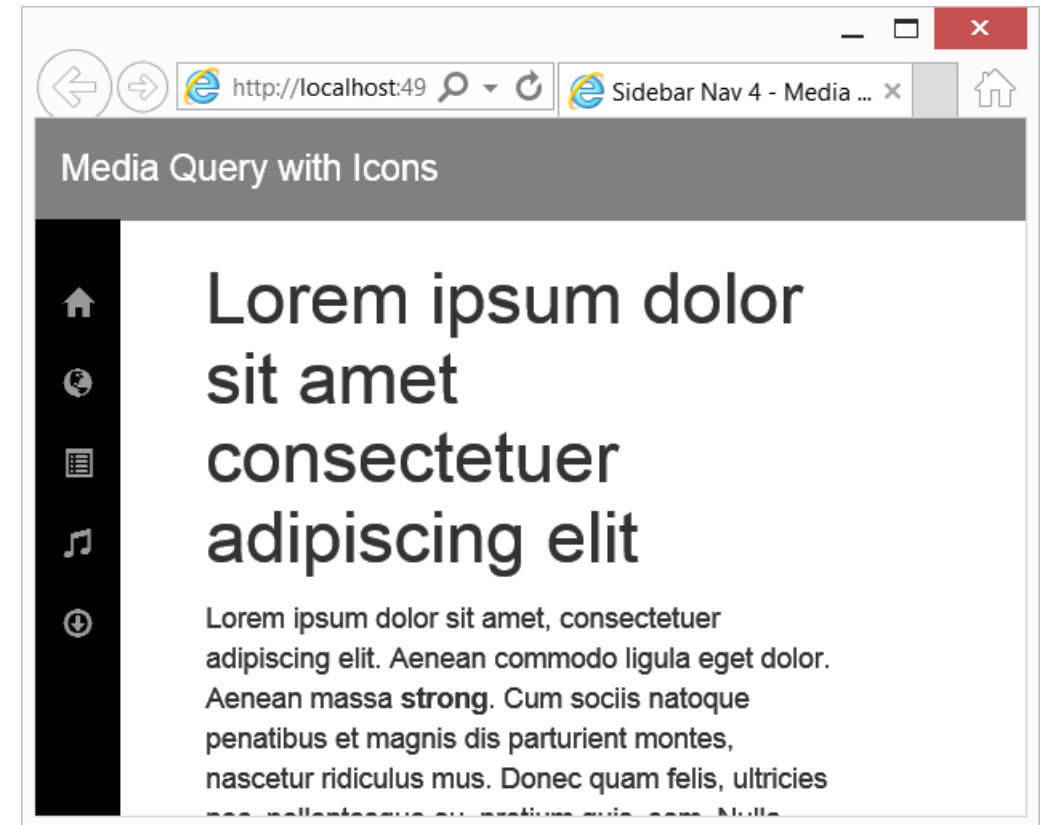 - Add icons instead of text
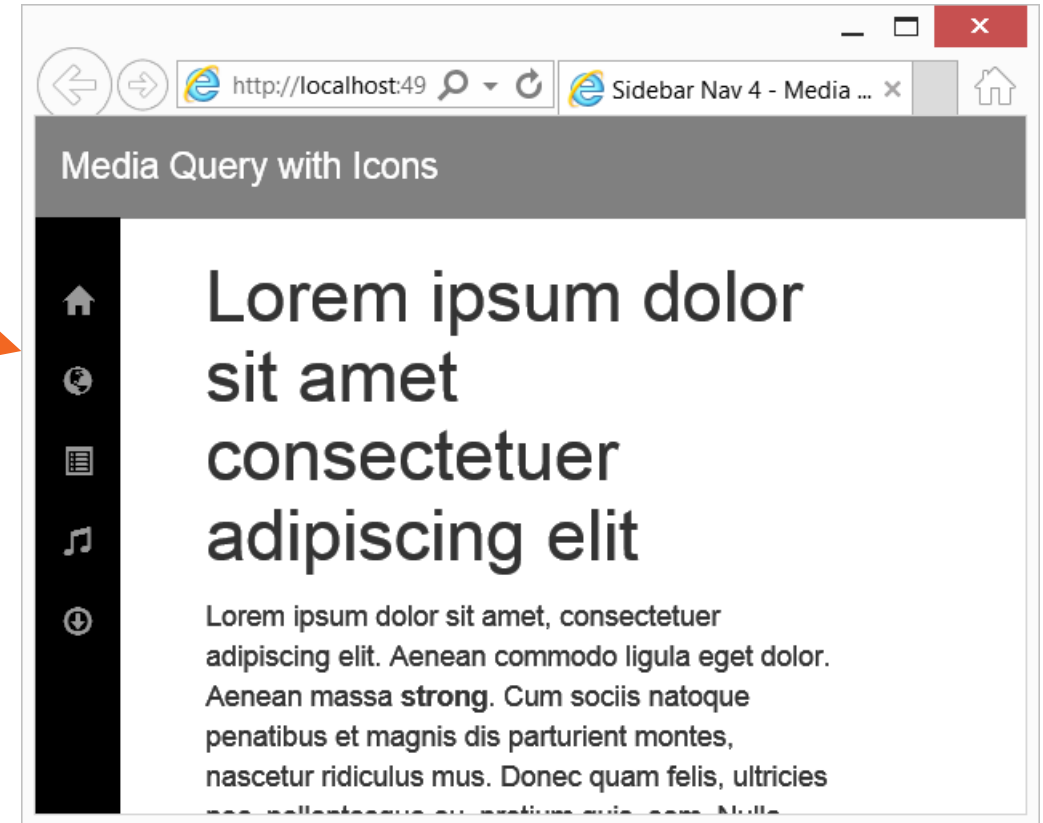
Transitions and Icons

- Still need navigation on small devices
  - Don't eliminate completely
  - Add icons instead of text
- Use Bootstrap 'visible-' classes for text
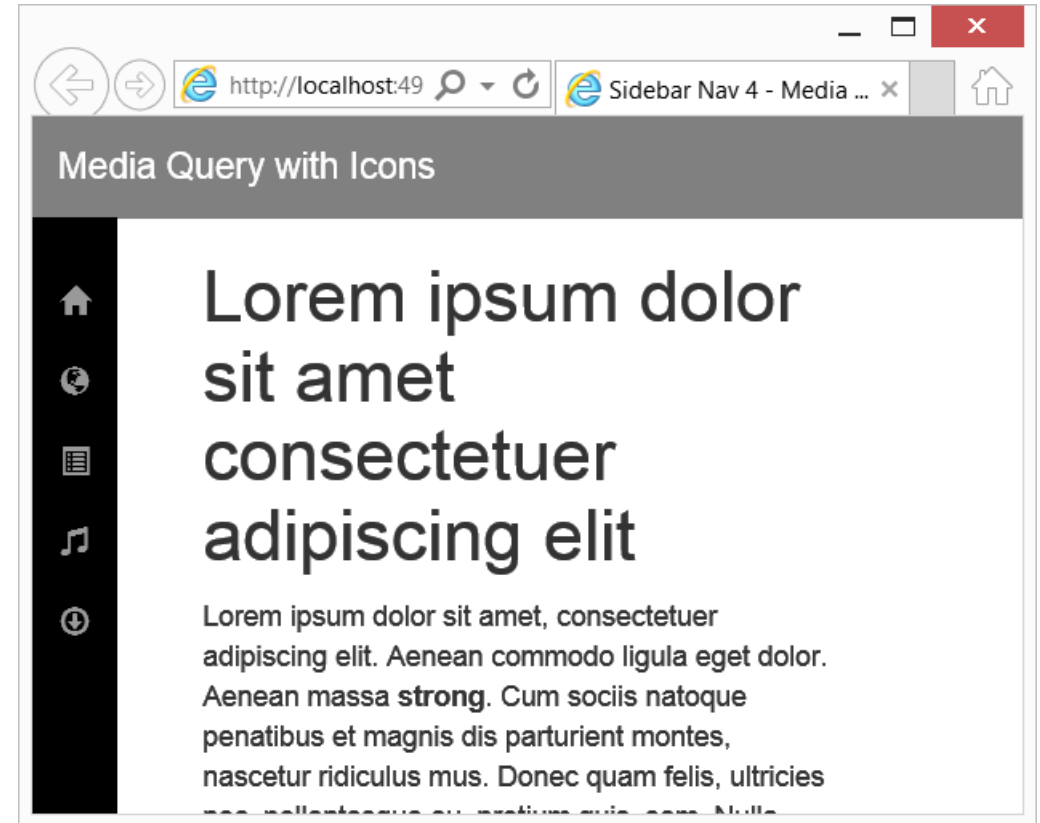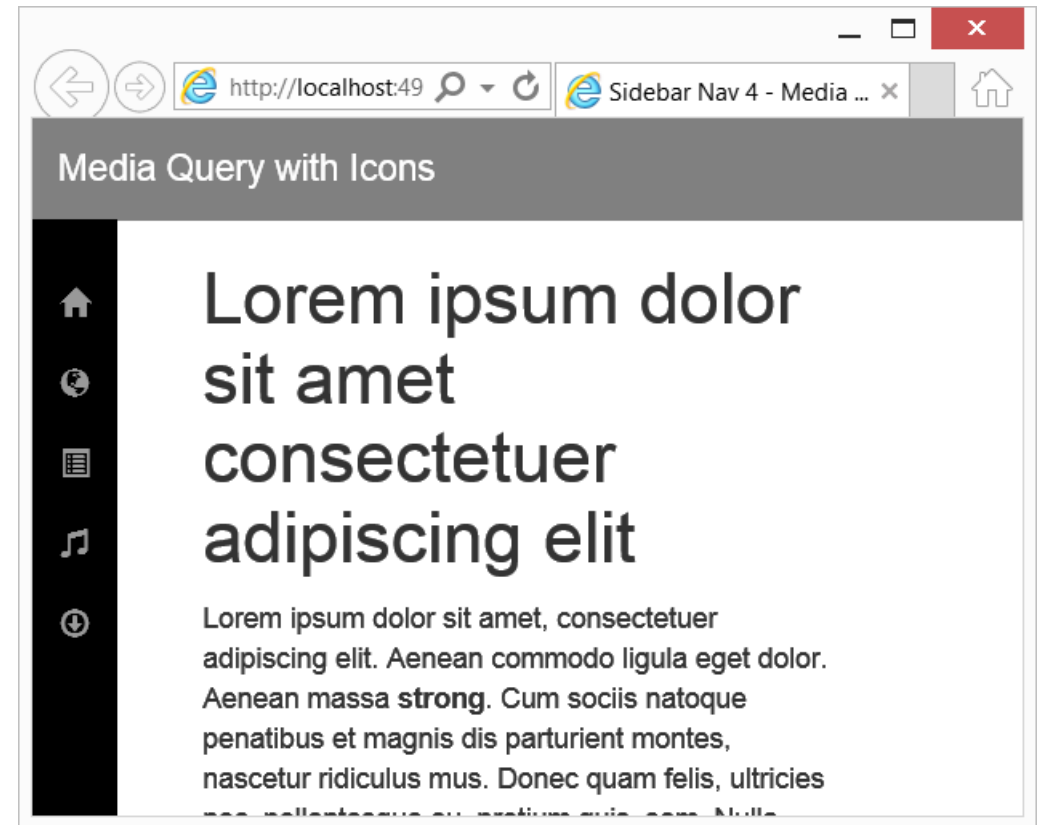
Transitions and Icons

- Still need navigation on small devices
  - Don't eliminate completely
  - Add icons instead of text

- Use Bootstrap 'visible-' classes for text
  - visible-sm

Transitions and Icons

- Still need navigation on small devices
  - Don't eliminate completely
  - Add icons instead of text

- Use Bootstrap 'visible-' classes for text
 - visible-sm
  - visible-md

Transitions and Icons

- Still need navigation on small devices
  - Don't eliminate completely
  - Add icons instead of text
- Use Bootstrap 'visible-' classes for text
 - visible-sm
  - visible-md
  - visible-lg

Transitions and Icons

- Still need navigation on small devices
  - Don't eliminate completely
  - Add icons instead of text

- Use Bootstrap 'visible-' classes for text
  - visible-sm
  - visible-md
  - visible-lg

- Use Bootstrap 'visible-xs' class for icons

Transitions and Icons

- Still need navigation on small devices
  - Don't eliminate completely
  - Add icons instead of text

- Use Bootstrap 'visible-' classes for text
  - visible-sm
  - visible-md
  - visible-lg

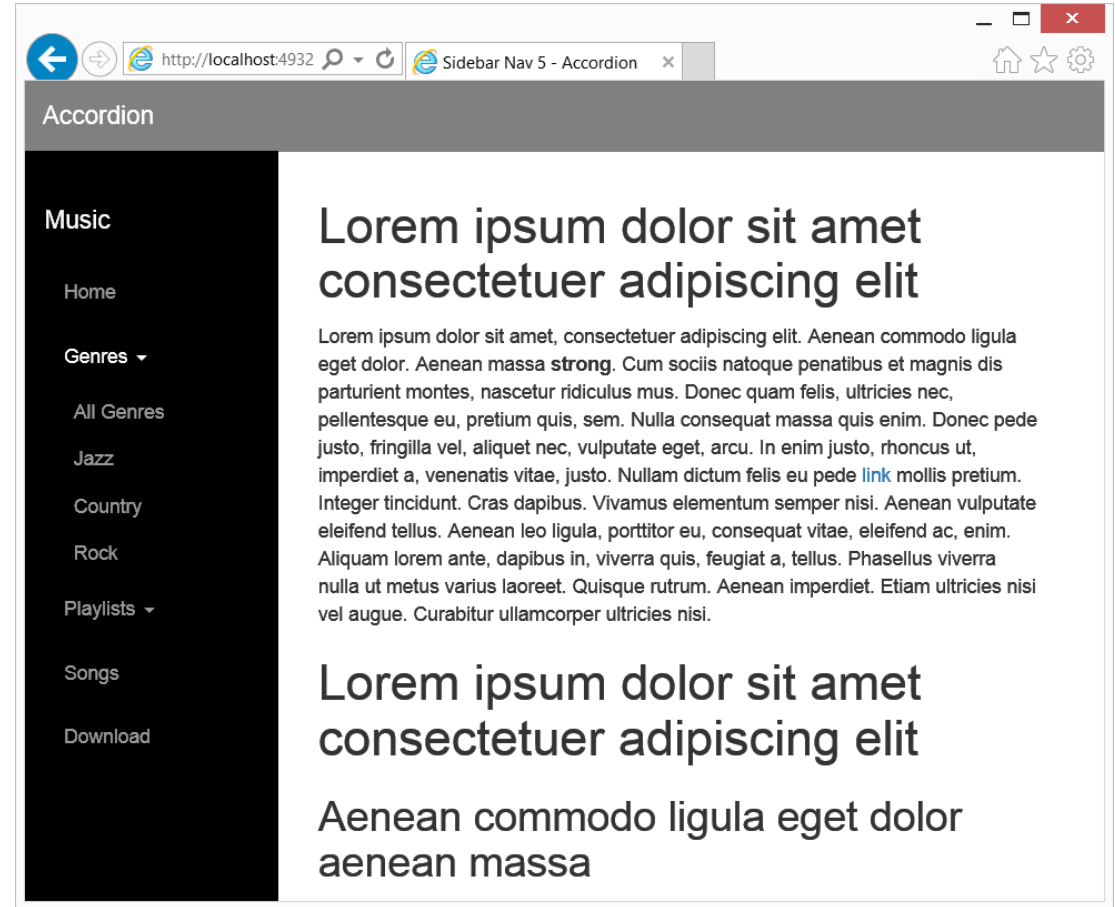- Use Bootstrap 'visible-xs' class for icons
  - visible-xs
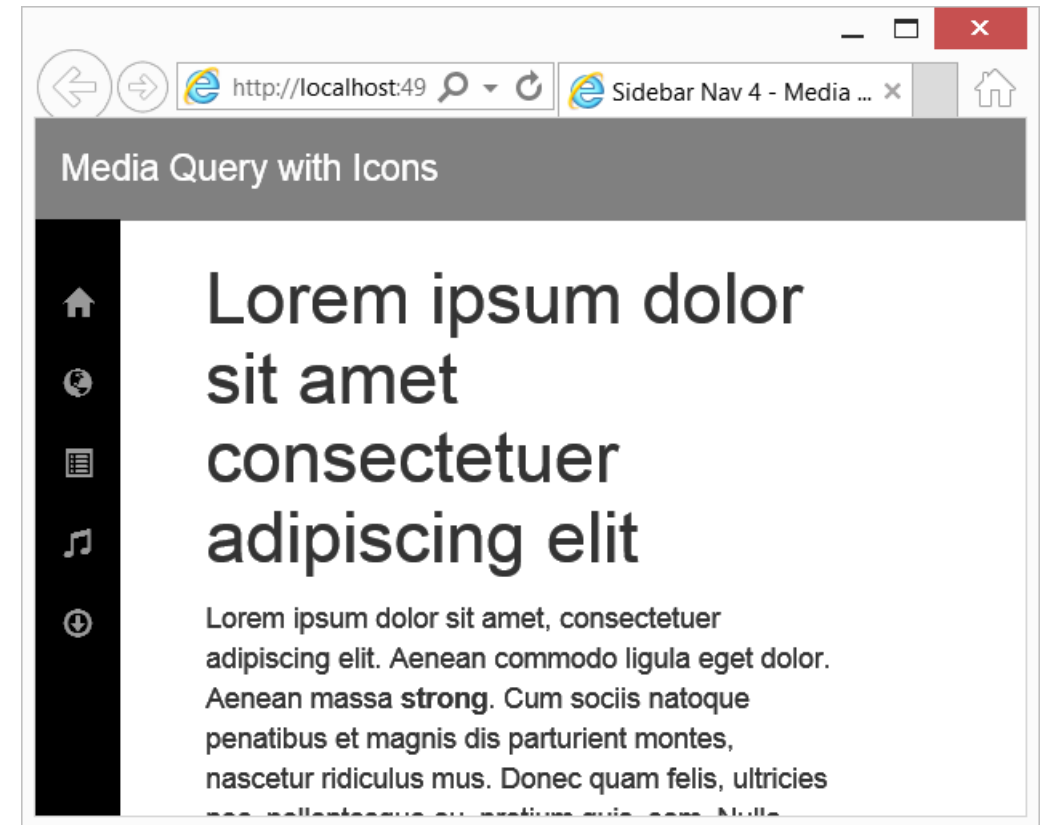
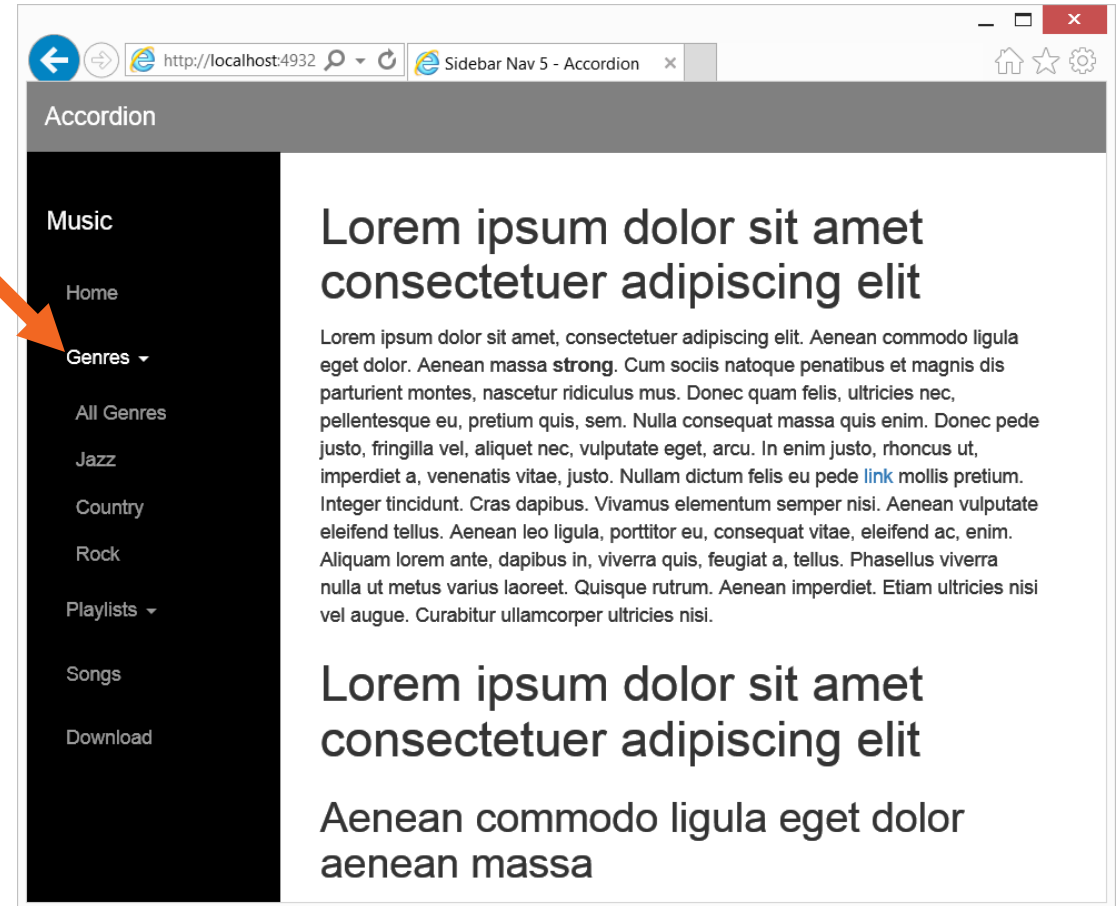Media query with transition and icons
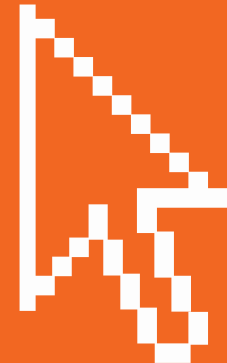
Left Navigation with Accordion

Left Navigation with Accordion
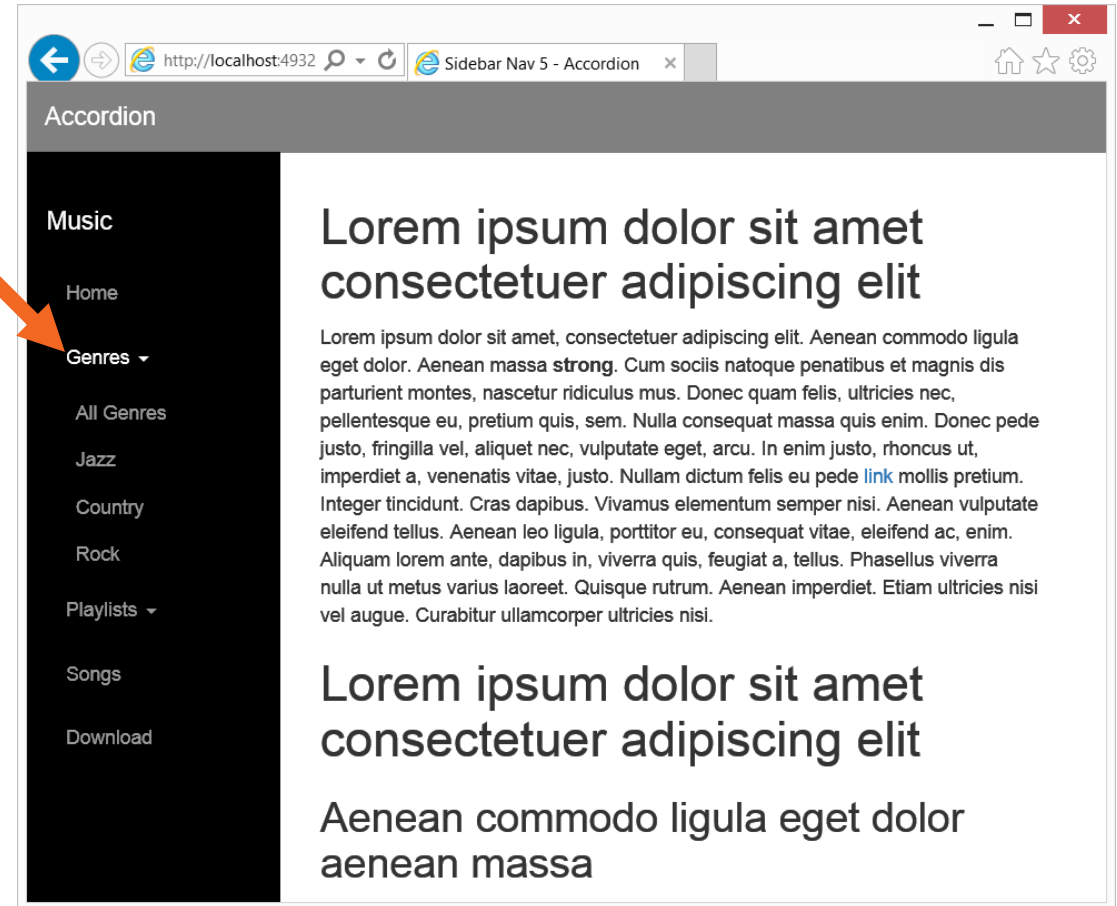
- Create an accordion-style menu

Left Navigation with Accordion

- Create an accordion-style menu
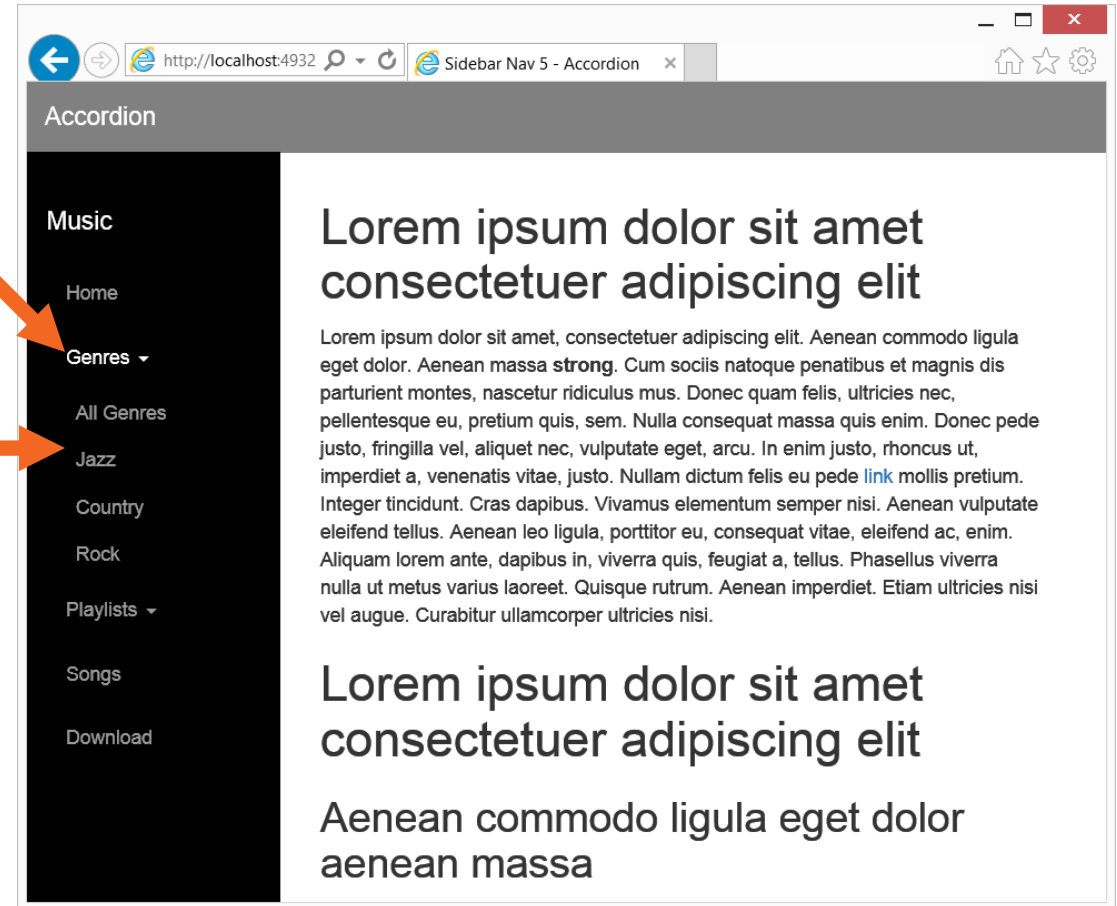 - Use "collapse" style from bootstrap

Left Navigation with Accordion

- Create an accordion-style menu
  - Use "collapse" style from bootstrap
- Style the 2nd level

Left Navigation with Accordion

- Create an accordion-style menu
  - Use "collapse" style from bootstrap

- Style the 2ⁿᵈ level
  - Indent to proper spacing
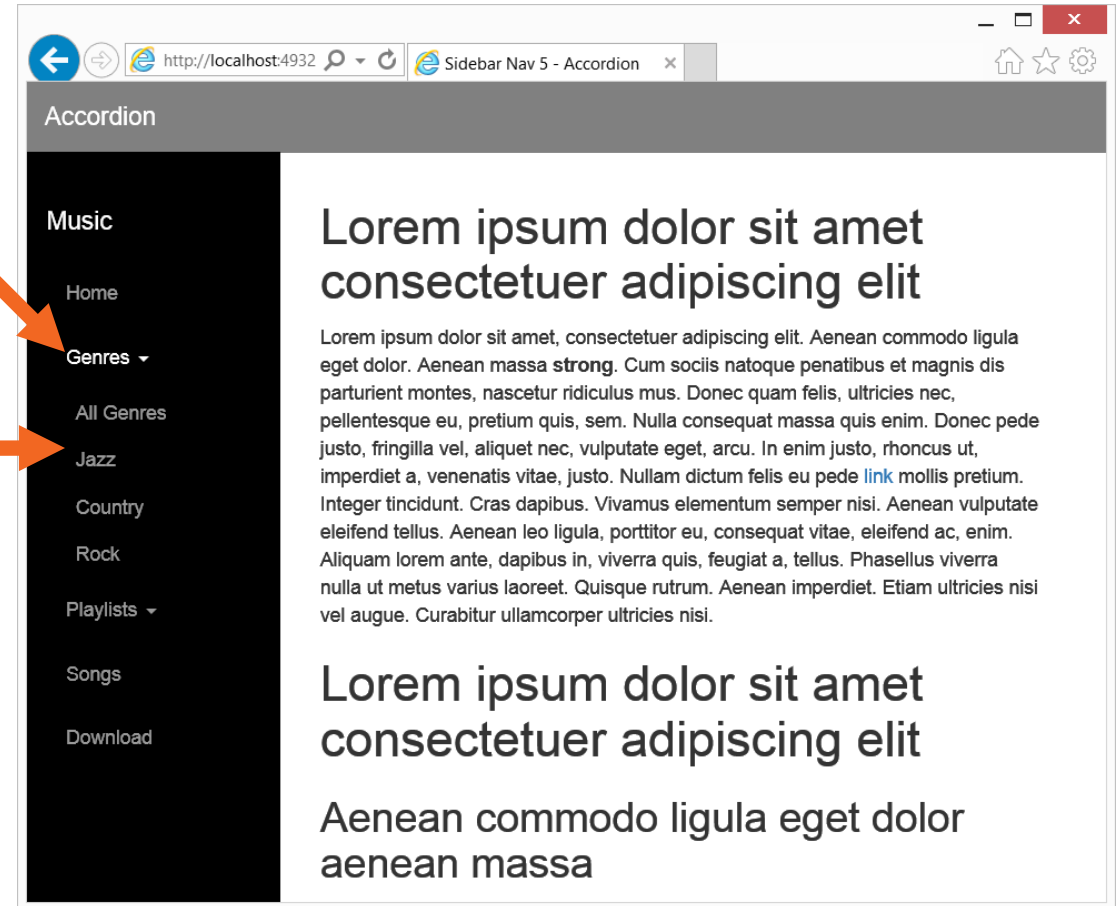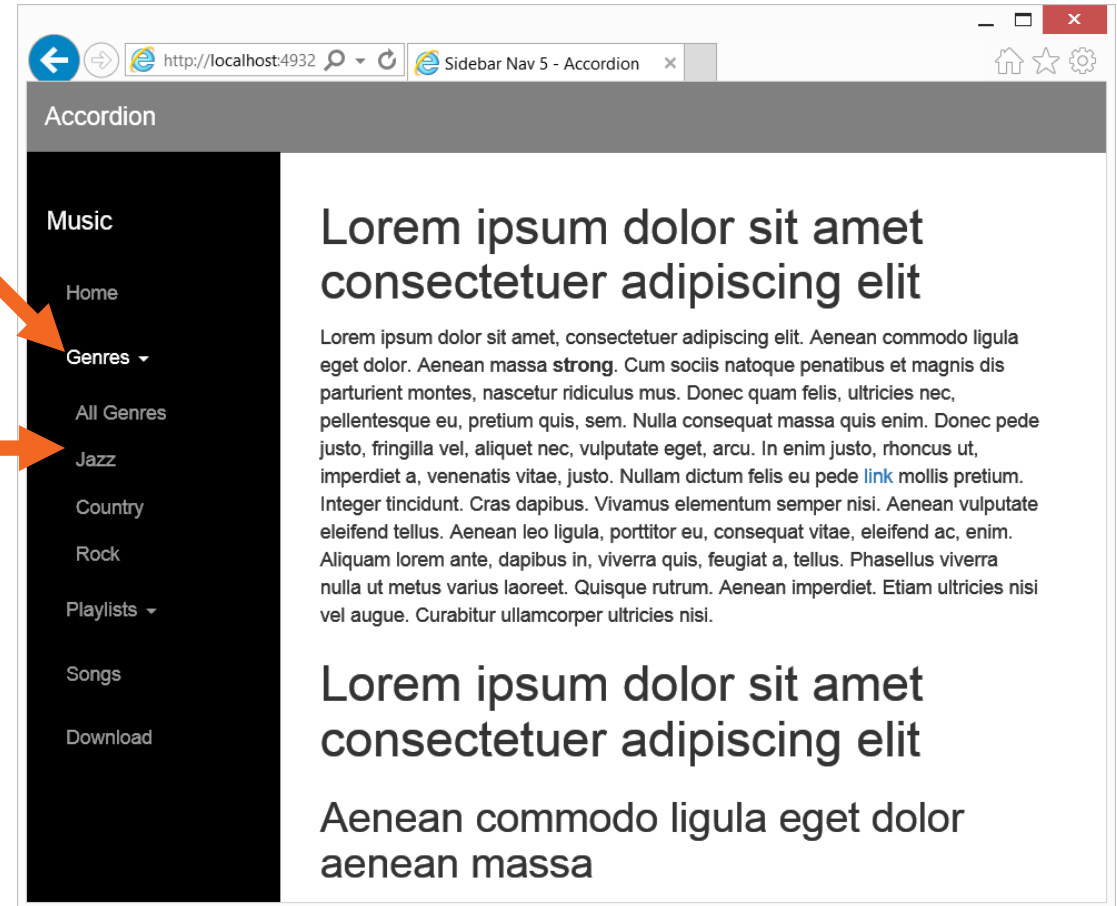 - Set padding=0.5em;

Left Navigation with Accordion

- Create an accordion-style menu
  - Use "collapse" style from bootstrap

- Style the 2nd level
  - Indent to proper spacing
  - Set padding=0.5em;

- Create two <div> tags

Left Navigation with Accordion

- Create an accordion-style menu
  - Use "collapse" style from bootstrap
- Style the 2nd level
  - Indent to proper spacing
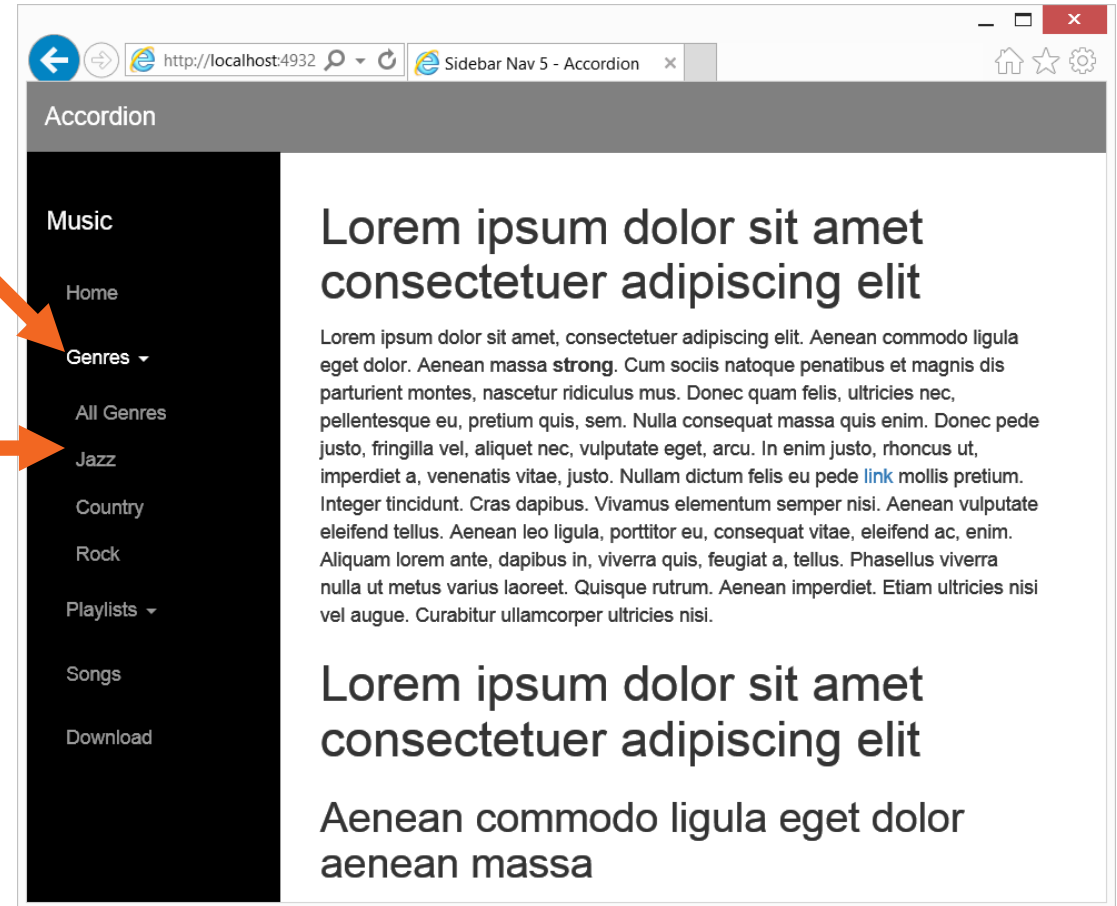 - Set padding=0.5em;
- Create two <div> tags
  - One for sm, md, lg breakpoints

Left Navigation with Accordion

- Create an accordion-style menu
  - Use "collapse" style from bootstrap

- Style the 2nd level
  - Indent to proper spacing
  - Set padding=0.5em;

- Create two <div> tags
  - One for sm, md, lg breakpoints
  - One for xs breakpoint
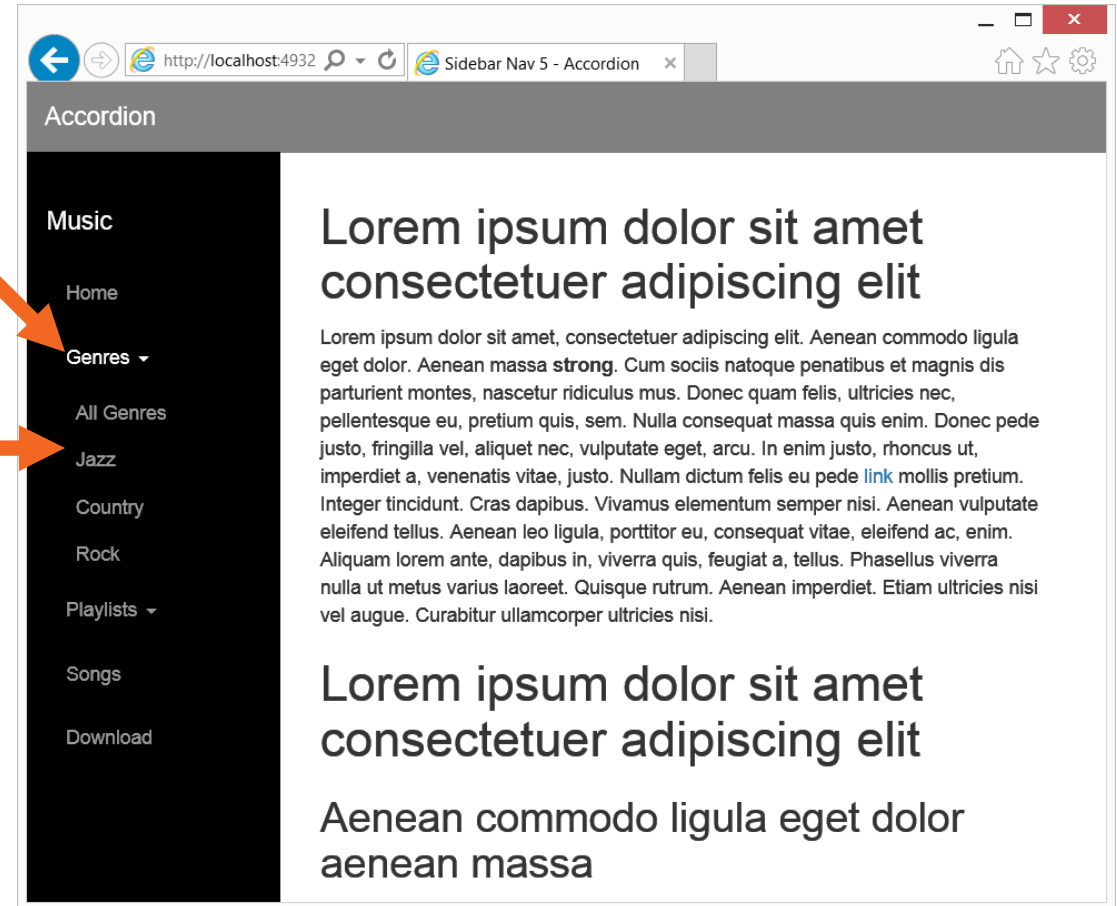
Left Navigation with Accordion

- Create an accordion-style menu
  - Use "collapse" style from bootstrap
- Style the 2nd level
  - Indent to proper spacing
  - Set padding=0.5em;
- Create two <div> tags
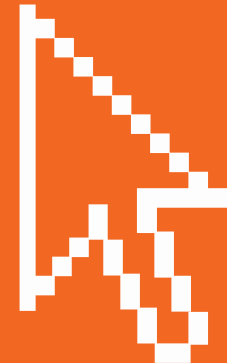 - One for sm, md, lg breakpoints
  - One for xs breakpoint
    - 2nd level invisible when collapsed

Left navigation with accordion

Summary

Summary

- For left navigation you need to roll-your-own

Summary

- For left navigation you need to roll-your-own

- Add media queries and transitions for interest

Summary

- For left navigation you need to roll-your-own

- Add media queries and transitions for interest

- Switch to icons on small devices

Summary

- For left navigation you need to roll-your-own

- Add media queries and transitions for interest

- Switch to icons on small devices

- Get creative with accordions