

3. jQuery Accessible Megamenu Plug-in

Many jQuery plug-ins are compatible with the Bootstrap framework. The Accessible Mega Menu plug-in from Adobe Accessibility is one of these.

You can access the GitHub project page for the Adobe Accessible Mega Menu plug-in at <https://adobe-accessibility.github.io/Accessible-Mega-Menu/> (<https://adobe-accessibility.github.io/Accessible-Mega-Menu/>).

This example demonstrates how to create the custom CSS rules needed to accomplish visual layout of the mega menu elements as well as the required JavaScript to enable the mega menu plug-in.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Simple Accessible Mega Menu Example</title>
  <!-- load bootstrap css via cdn -->
  <link rel="stylesheet" href="https://netdna.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css">
  <!-- load jquery js via cdn -->
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"></script>
  <!-- load bootstrap js via cdn -->
  <script src="https://netdna.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"></script>
  <!-- include the jquery-accessibleMegaMenu plugin script -->
  <script src="jquery-accessibleMegaMenu.js"></script>
</style>
  /* CSS for layout of mega menu */

  /* mega menu list */
  .nav-menu {
    position: relative;
    list-style: none;
    margin: 0;
    padding: 0;
    z-index: 15;
  }

  /* a top level navigation item in the mega menu */
  .nav-item {
    display: inline-block;
  }

  /* first descendant link within a top level navigation item */
  .nav-item > a {
    position: relative;
    display: inline-block;
    padding: 1em;
    border: 1px solid transparent;
  }

  /* focus + open states of first descendant within top level nav item */
  .nav-item > a:focus,
  .nav-item > a.open {
    border: 1px solid #ddd;
  }

  /* open state of first descendant link within top level nav item */
```

```

/* open state of first descendant link within top level nav item */
.nav-item > a.open {
  background: #fff;
  z-index: 1;
}

/* sub-navigation panel */
.sub-nav {
  position: absolute;
  display: none;
  top: 3.5em;
  padding: 1em;
  border: 1px solid #ddd;
  background: #fff;
}

/* sub-navigation panel open state */
.sub-nav.open {
  display: block;
}

/* list of items within sub-navigation panel */
.sub-nav ul {
  display: inline-block;
  vertical-align: top;
  margin: 0 1em 0 0;
  padding: 0;
}

/* list item within sub-navigation panel */
.sub-nav li {
  list-style-type: none;
  margin: 0;
  padding: 0;
}
</style>
</head>
<body>
<!-- html markup pattern for megamenu plugin -->
<nav class="mega">
  <ul class="nav-menu">
    <li class="nav-item">
      <a href="?movie">Movies</a>
      <div class="sub-nav">
        <ul class="sub-nav-group">
          <li><a href="?movie&genre=0">Action & Adventure</a></li>
          <li><a href="?movie&genre=2">Children & Family</a></li>
          <li>...</li>
        </ul>
        <ul class="sub-nav-group">
          <li><a href="?movie&genre=7">Dramas</a></li>
          <li><a href="?movie&genre=9">Foreign</a></li>
          <li>...</li>
        </ul>
        <ul class="sub-nav-group">
          <li><a href="?movie&genre=14">Musicals</a></li>
          <li><a href="?movie&genre=15">Romances</a></li>
          <li><a href="?movie&genre=16">Sci-Fi</a></li>
          <li><a href="?movie&genre=17">Sports</a></li>
          <li><a href="?movie&genre=18">Thrillers</a></li>
          <li><a href="?movie&genre=19">Westerns</a></li>
          <li>...</li>
        </ul>
      </div>
    </li>
  </ul>
</nav>

```

```

        <li><a href=?movie&genre=15>Romance</a></li>
      </li>...</li>
    </ul>
  </div>
</li>
<li class="nav-item">
  <a href=?tv>TV Shows</a>
  <div class="sub-nav">
    <ul class="sub-nav-group">
      <li><a href=?tv&genre=20>Classic TV</a></li>
      <li><a href=?tv&genre=21>Crime TV</a></li>
      <li>...</li>
    </ul>
    <ul class="sub-nav-group">
      <li><a href=?tv&genre=27>Reality TV</a></li>
      <li><a href=?tv&genre=30>TV Action</a></li>
      <li>...</li>
    </ul>
    <ul class="sub-nav-group">
      <li><a href=?tv&genre=33>TV Dramas</a></li>
      <li><a href=?tv&genre=34>TV Horror</a></li>
      <li>...</li>
    </ul>
  </div>
</li>
</ul>
</nav>
<div class="jumbotron">
  <h1>Mega Menu Example</h1>
</div>

```

```

<!-- select nav class="mega" as accessibleMegaMenu -->
<script>
  $("nav.mega").accessibleMegaMenu({
    /* prefix for unique id attributes, required for aria */
    uuidPrefix: "accessible-megamenu",

    /* css class used for megamenu */
    menuClass: "nav-menu",

    /* css class for top-level nav item */
    topNavItemClass: "nav-item",

    /* css class for megamenu panel */
    panelClass: "sub-nav",

    /* css class for group of items in panel */
    panelGroupClass: "sub-nav-group",

    /* css class for the hover state */
    hoverClass: "hover",

    /* css class for the focus state */
    focusClass: "focus",

    /* css class for the open state */
    openClass: "open",
  });

```

```
        openClass: "open"  
    });  
</script>  
</body>  
</html>
```

Once you have the mega menu embedded in a page, you can customize the content displayed in the menu. This plug-in is fully accessible, allowing visually impaired users to select menu items from their keyboards or other input devices.