Anatomy of a Select Control Replacement

# Behaviors

automatic | manual [, event trigger type (element), further action]

## Expand List

* Click on Selectron face
  + If List Is Collapsed
  + OIE: manual, mousedown (.selectron/.selectronSelected), refocus
  + Std: manual, mousedown (.selectron/.selectronSelected), prevent default
* Alt+Up
  + Native Support: IE
  + OIE/Std: manual, keydown, prevent default where not supported
* Alt+Down
  + Native Support: IE, Firefox, Opera
  + OIE/Std: manual, keydown, prevent default where not supported
* Custom events???

## Collapse List

* Click Non-Selectron
  + OIE: manual, mousedown (any element)
  + Std: auto, focusout (original select)
* Click Other Selectron
  + OIE: manual, mousedown (other .selectron/.selectronSelected)
  + Std: auto, focusout (original select)
* Click List Option
  + OIE: manual, click (.selectronLi), refocus
  + Std: manual, click (.selectronLi), prevent default
* Click Selectron face
  + If List is Expanded
  + OIE: manual, mousedown (.selectron/.selectronSelected), refocus
  + Std: manual, mousedown (.selectron/.selectronSelected), prevent default
* Tab out
  + OIE: manual, keydown
  + Std: auto, focusout (original select)
* Escape Key
  + If List is Expanded
  + OIE/Std: manual, keydown
* Scroll Page (optional, disabled by default)
  + If List is Expanded
  + OIE/Std: manual, timer (check y vs. last y)
* Custom events???

## Gain Focus

* Click Selectron Face
  + If Original Select Not Currently Focused
  + OIE/Std: manual, mousedown (.selectron/.selectronSelected), Set Focus (Original Select)
* Click Selectron Face
  + If List is Expanded
  + OIE: manual, click (.selectron/.selectronSelected), refocus (Original Select)
  + Std: auto, click (.selectron/.selectronSelected), prevent default
* Click Selectron Option
  + OIE: manual, click (.selectron/.selectronSelected), refocus (Original Select)
  + Std: auto, click (.selectron/.selectronSelected), prevent default
* Tab in
  + OIE: manual, keyup, set focus
  + Std: auto, focusin

## Lose Focus

* Tab out
  + OIE:
  + Std: auto, focusout
* Escape key
  + If List is Closed
  + OIE/Std: manual, keydown
* Click other Selectron
  + OIE: manual, mousedown (other .selectron/.selectronSelected)
  + Std: auto, focusout
* Click non-Selectron
* Focus Lost
  + OIE: N/A
    - OR! BRAINSTORM IDEA THAT MIGHT BE AWESOME OR SHIT:
      1. Watch selectron for focusout
         * May need setTimeout(,0) to give new element a chance to become the active element
         * Or globally for focusin/active element change
      2. If next focusin-ed element is inside a selectron:
         * Set active Selectron’s original select to active element
  + Std: auto, focusout

## Reflect Original Select Status

# Resulting functions

## Show List (single)

## Hide List (single)

## Hide List (others)

## Hide List (all)

## Set Focus

# Not Supported

[planned, priority]

* OptGroup
  + *[planned, high]*
* Multi-select
  + *[planned, low]*
* Drag & Drop
  + *[unplanned]*
* Doubleclick
  + *[unplanned]*
* Context Menu
  + *[unplanned]*
* Content Editable
  + *[unplanned]*
* Scroll
  + *[unplanned]*
  + event fires when original select options window is scrolled
  + <http://msdn.microsoft.com/en-us/library/ms536966(v=vs.85).aspx>
* Select
  + *[unplanned]*