{"version":3,"file":"tab.js","sources":["../src/tab.js"],"sourcesContent":["/\*\*\n \* --------------------------------------------------------------------------\n \* Bootstrap (v5.2.0): tab.js\n \* Licensed under MIT (https://github.com/twbs/bootstrap/blob/main/LICENSE)\n \* --------------------------------------------------------------------------\n \*/\n\nimport { defineJQueryPlugin, getElementFromSelector, getNextActiveElement, isDisabled } from './util/index'\nimport EventHandler from './dom/event-handler'\nimport SelectorEngine from './dom/selector-engine'\nimport BaseComponent from './base-component'\n\n/\*\*\n \* Constants\n \*/\n\nconst NAME = 'tab'\nconst DATA\_KEY = 'bs.tab'\nconst EVENT\_KEY = `.${DATA\_KEY}`\n\nconst EVENT\_HIDE = `hide${EVENT\_KEY}`\nconst EVENT\_HIDDEN = `hidden${EVENT\_KEY}`\nconst EVENT\_SHOW = `show${EVENT\_KEY}`\nconst EVENT\_SHOWN = `shown${EVENT\_KEY}`\nconst EVENT\_CLICK\_DATA\_API = `click${EVENT\_KEY}`\nconst EVENT\_KEYDOWN = `keydown${EVENT\_KEY}`\nconst EVENT\_LOAD\_DATA\_API = `load${EVENT\_KEY}`\n\nconst ARROW\_LEFT\_KEY = 'ArrowLeft'\nconst ARROW\_RIGHT\_KEY = 'ArrowRight'\nconst ARROW\_UP\_KEY = 'ArrowUp'\nconst ARROW\_DOWN\_KEY = 'ArrowDown'\n\nconst CLASS\_NAME\_ACTIVE = 'active'\nconst CLASS\_NAME\_FADE = 'fade'\nconst CLASS\_NAME\_SHOW = 'show'\nconst CLASS\_DROPDOWN = 'dropdown'\n\nconst SELECTOR\_DROPDOWN\_TOGGLE = '.dropdown-toggle'\nconst SELECTOR\_DROPDOWN\_MENU = '.dropdown-menu'\nconst SELECTOR\_DROPDOWN\_ITEM = '.dropdown-item'\nconst NOT\_SELECTOR\_DROPDOWN\_TOGGLE = ':not(.dropdown-toggle)'\n\nconst SELECTOR\_TAB\_PANEL = '.list-group, .nav, [role=\"tablist\"]'\nconst SELECTOR\_OUTER = '.nav-item, .list-group-item'\nconst SELECTOR\_INNER = `.nav-link${NOT\_SELECTOR\_DROPDOWN\_TOGGLE}, .list-group-item${NOT\_SELECTOR\_DROPDOWN\_TOGGLE}, [role=\"tab\"]${NOT\_SELECTOR\_DROPDOWN\_TOGGLE}`\nconst SELECTOR\_DATA\_TOGGLE = '[data-bs-toggle=\"tab\"], [data-bs-toggle=\"pill\"], [data-bs-toggle=\"list\"]' // todo:v6: could be only `tab`\nconst SELECTOR\_INNER\_ELEM = `${SELECTOR\_INNER}, ${SELECTOR\_DATA\_TOGGLE}`\n\nconst SELECTOR\_DATA\_TOGGLE\_ACTIVE = `.${CLASS\_NAME\_ACTIVE}[data-bs-toggle=\"tab\"], .${CLASS\_NAME\_ACTIVE}[data-bs-toggle=\"pill\"], .${CLASS\_NAME\_ACTIVE}[data-bs-toggle=\"list\"]`\n\n/\*\*\n \* Class definition\n \*/\n\nclass Tab extends BaseComponent {\n constructor(element) {\n super(element)\n this.\_parent = this.\_element.closest(SELECTOR\_TAB\_PANEL)\n\n if (!this.\_parent) {\n return\n // todo: should Throw exception on v6\n // throw new TypeError(`${element.outerHTML} has not a valid parent ${SELECTOR\_INNER\_ELEM}`)\n }\n\n // Set up initial aria attributes\n this.\_setInitialAttributes(this.\_parent, this.\_getChildren())\n\n EventHandler.on(this.\_element, EVENT\_KEYDOWN, event => this.\_keydown(event))\n }\n\n // Getters\n static get NAME() {\n return NAME\n }\n\n // Public\n show() { // Shows this elem and deactivate the active sibling if exists\n const innerElem = this.\_element\n if (this.\_elemIsActive(innerElem)) {\n return\n }\n\n // Search for active tab on same parent to deactivate it\n const active = this.\_getActiveElem()\n\n const hideEvent = active ?\n EventHandler.trigger(active, EVENT\_HIDE, { relatedTarget: innerElem }) :\n null\n\n const showEvent = EventHandler.trigger(innerElem, EVENT\_SHOW, { relatedTarget: active })\n\n if (showEvent.defaultPrevented || (hideEvent && hideEvent.defaultPrevented)) {\n return\n }\n\n this.\_deactivate(active, innerElem)\n this.\_activate(innerElem, active)\n }\n\n // Private\n \_activate(element, relatedElem) {\n if (!element) {\n return\n }\n\n element.classList.add(CLASS\_NAME\_ACTIVE)\n\n this.\_activate(getElementFromSelector(element)) // Search and activate/show the proper section\n\n const complete = () => {\n if (element.getAttribute('role') !== 'tab') {\n element.classList.add(CLASS\_NAME\_SHOW)\n return\n }\n\n element.focus()\n element.removeAttribute('tabindex')\n element.setAttribute('aria-selected', true)\n this.\_toggleDropDown(element, true)\n EventHandler.trigger(element, EVENT\_SHOWN, {\n relatedTarget: relatedElem\n })\n }\n\n this.\_queueCallback(complete, element, element.classList.contains(CLASS\_NAME\_FADE))\n }\n\n \_deactivate(element, relatedElem) {\n if (!element) {\n return\n }\n\n element.classList.remove(CLASS\_NAME\_ACTIVE)\n element.blur()\n\n this.\_deactivate(getElementFromSelector(element)) // Search and deactivate the shown section too\n\n const complete = () => {\n if (element.getAttribute('role') !== 'tab') {\n element.classList.remove(CLASS\_NAME\_SHOW)\n return\n }\n\n element.setAttribute('aria-selected', false)\n element.setAttribute('tabindex', '-1')\n this.\_toggleDropDown(element, false)\n EventHandler.trigger(element, EVENT\_HIDDEN, { relatedTarget: relatedElem })\n }\n\n this.\_queueCallback(complete, element, element.classList.contains(CLASS\_NAME\_FADE))\n }\n\n \_keydown(event) {\n if (!([ARROW\_LEFT\_KEY, ARROW\_RIGHT\_KEY, ARROW\_UP\_KEY, ARROW\_DOWN\_KEY].includes(event.key))) {\n return\n }\n\n event.stopPropagation()// stopPropagation/preventDefault both added to support up/down keys without scrolling the page\n event.preventDefault()\n const isNext = [ARROW\_RIGHT\_KEY, ARROW\_DOWN\_KEY].includes(event.key)\n const nextActiveElement = getNextActiveElement(this.\_getChildren().filter(element => !isDisabled(element)), event.target, isNext, true)\n\n if (nextActiveElement) {\n Tab.getOrCreateInstance(nextActiveElement).show()\n }\n }\n\n \_getChildren() { // collection of inner elements\n return SelectorEngine.find(SELECTOR\_INNER\_ELEM, this.\_parent)\n }\n\n \_getActiveElem() {\n return this.\_getChildren().find(child => this.\_elemIsActive(child)) || null\n }\n\n \_setInitialAttributes(parent, children) {\n this.\_setAttributeIfNotExists(parent, 'role', 'tablist')\n\n for (const child of children) {\n this.\_setInitialAttributesOnChild(child)\n }\n }\n\n \_setInitialAttributesOnChild(child) {\n child = this.\_getInnerElement(child)\n const isActive = this.\_elemIsActive(child)\n const outerElem = this.\_getOuterElement(child)\n child.setAttribute('aria-selected', isActive)\n\n if (outerElem !== child) {\n this.\_setAttributeIfNotExists(outerElem, 'role', 'presentation')\n }\n\n if (!isActive) {\n child.setAttribute('tabindex', '-1')\n }\n\n this.\_setAttributeIfNotExists(child, 'role', 'tab')\n\n // set attributes to the related panel too\n this.\_setInitialAttributesOnTargetPanel(child)\n }\n\n \_setInitialAttributesOnTargetPanel(child) {\n const target = getElementFromSelector(child)\n\n if (!target) {\n return\n }\n\n this.\_setAttributeIfNotExists(target, 'role', 'tabpanel')\n\n if (child.id) {\n this.\_setAttributeIfNotExists(target, 'aria-labelledby', `#${child.id}`)\n }\n }\n\n \_toggleDropDown(element, open) {\n const outerElem = this.\_getOuterElement(element)\n if (!outerElem.classList.contains(CLASS\_DROPDOWN)) {\n return\n }\n\n const toggle = (selector, className) => {\n const element = SelectorEngine.findOne(selector, outerElem)\n if (element) {\n element.classList.toggle(className, open)\n }\n }\n\n toggle(SELECTOR\_DROPDOWN\_TOGGLE, CLASS\_NAME\_ACTIVE)\n toggle(SELECTOR\_DROPDOWN\_MENU, CLASS\_NAME\_SHOW)\n toggle(SELECTOR\_DROPDOWN\_ITEM, CLASS\_NAME\_ACTIVE)\n outerElem.setAttribute('aria-expanded', open)\n }\n\n \_setAttributeIfNotExists(element, attribute, value) {\n if (!element.hasAttribute(attribute)) {\n element.setAttribute(attribute, value)\n }\n }\n\n \_elemIsActive(elem) {\n return elem.classList.contains(CLASS\_NAME\_ACTIVE)\n }\n\n // Try to get the inner element (usually the .nav-link)\n \_getInnerElement(elem) {\n return elem.matches(SELECTOR\_INNER\_ELEM) ? elem : SelectorEngine.findOne(SELECTOR\_INNER\_ELEM, elem)\n }\n\n // Try to get the outer element (usually the .nav-item)\n \_getOuterElement(elem) {\n return elem.closest(SELECTOR\_OUTER) || elem\n }\n\n // Static\n static jQueryInterface(config) {\n return this.each(function () {\n const data = Tab.getOrCreateInstance(this)\n\n if (typeof config !== 'string') {\n return\n }\n\n if (data[config] === undefined || config.startsWith('\_') || config === 'constructor') {\n throw new TypeError(`No method named \"${config}\"`)\n }\n\n data[config]()\n })\n }\n}\n\n/\*\*\n \* Data API implementation\n \*/\n\nEventHandler.on(document, EVENT\_CLICK\_DATA\_API, SELECTOR\_DATA\_TOGGLE, function (event) {\n if (['A', 'AREA'].includes(this.tagName)) {\n event.preventDefault()\n }\n\n if (isDisabled(this)) {\n return\n }\n\n Tab.getOrCreateInstance(this).show()\n})\n\n/\*\*\n \* Initialize on focus\n \*/\nEventHandler.on(window, EVENT\_LOAD\_DATA\_API, () => {\n for (const element of SelectorEngine.find(SELECTOR\_DATA\_TOGGLE\_ACTIVE)) {\n Tab.getOrCreateInstance(element)\n }\n})\n/\*\*\n \* jQuery\n \*/\n\ndefineJQueryPlugin(Tab)\n\nexport default Tab\n"],"names":["NAME","DATA\_KEY","EVENT\_KEY","EVENT\_HIDE","EVENT\_HIDDEN","EVENT\_SHOW","EVENT\_SHOWN","EVENT\_CLICK\_DATA\_API","EVENT\_KEYDOWN","EVENT\_LOAD\_DATA\_API","ARROW\_LEFT\_KEY","ARROW\_RIGHT\_KEY","ARROW\_UP\_KEY","ARROW\_DOWN\_KEY","CLASS\_NAME\_ACTIVE","CLASS\_NAME\_FADE","CLASS\_NAME\_SHOW","CLASS\_DROPDOWN","SELECTOR\_DROPDOWN\_TOGGLE","SELECTOR\_DROPDOWN\_MENU","SELECTOR\_DROPDOWN\_ITEM","NOT\_SELECTOR\_DROPDOWN\_TOGGLE","SELECTOR\_TAB\_PANEL","SELECTOR\_OUTER","SELECTOR\_INNER","SELECTOR\_DATA\_TOGGLE","SELECTOR\_INNER\_ELEM","SELECTOR\_DATA\_TOGGLE\_ACTIVE","Tab","BaseComponent","constructor","element","\_parent","\_element","closest","\_setInitialAttributes","\_getChildren","EventHandler","on","event","\_keydown","show","innerElem","\_elemIsActive","active","\_getActiveElem","hideEvent","trigger","relatedTarget","showEvent","defaultPrevented","\_deactivate","\_activate","relatedElem","classList","add","getElementFromSelector","complete","getAttribute","focus","removeAttribute","setAttribute","\_toggleDropDown","\_queueCallback","contains","remove","blur","includes","key","stopPropagation","preventDefault","isNext","nextActiveElement","getNextActiveElement","filter","isDisabled","target","getOrCreateInstance","SelectorEngine","find","child","parent","children","\_setAttributeIfNotExists","\_setInitialAttributesOnChild","\_getInnerElement","isActive","outerElem","\_getOuterElement","\_setInitialAttributesOnTargetPanel","id","open","toggle","selector","className","findOne","attribute","value","hasAttribute","elem","matches","jQueryInterface","config","each","data","undefined","startsWith","TypeError","document","tagName","window","defineJQueryPlugin"],"mappings":";;;;;;;;;;;;;;;;;EAAA;EACA;EACA;EACA;EACA;EACA;EAOA;EACA;EACA;;EAEA,MAAMA,IAAI,GAAG,KAAb,CAAA;EACA,MAAMC,QAAQ,GAAG,QAAjB,CAAA;EACA,MAAMC,SAAS,GAAI,CAAGD,CAAAA,EAAAA,QAAS,CAA/B,CAAA,CAAA;EAEA,MAAME,UAAU,GAAI,CAAMD,IAAAA,EAAAA,SAAU,CAApC,CAAA,CAAA;EACA,MAAME,YAAY,GAAI,CAAQF,MAAAA,EAAAA,SAAU,CAAxC,CAAA,CAAA;EACA,MAAMG,UAAU,GAAI,CAAMH,IAAAA,EAAAA,SAAU,CAApC,CAAA,CAAA;EACA,MAAMI,WAAW,GAAI,CAAOJ,KAAAA,EAAAA,SAAU,CAAtC,CAAA,CAAA;EACA,MAAMK,oBAAoB,GAAI,CAAOL,KAAAA,EAAAA,SAAU,CAA/C,CAAA,CAAA;EACA,MAAMM,aAAa,GAAI,CAASN,OAAAA,EAAAA,SAAU,CAA1C,CAAA,CAAA;EACA,MAAMO,mBAAmB,GAAI,CAAMP,IAAAA,EAAAA,SAAU,CAA7C,CAAA,CAAA;EAEA,MAAMQ,cAAc,GAAG,WAAvB,CAAA;EACA,MAAMC,eAAe,GAAG,YAAxB,CAAA;EACA,MAAMC,YAAY,GAAG,SAArB,CAAA;EACA,MAAMC,cAAc,GAAG,WAAvB,CAAA;EAEA,MAAMC,iBAAiB,GAAG,QAA1B,CAAA;EACA,MAAMC,eAAe,GAAG,MAAxB,CAAA;EACA,MAAMC,eAAe,GAAG,MAAxB,CAAA;EACA,MAAMC,cAAc,GAAG,UAAvB,CAAA;EAEA,MAAMC,wBAAwB,GAAG,kBAAjC,CAAA;EACA,MAAMC,sBAAsB,GAAG,gBAA/B,CAAA;EACA,MAAMC,sBAAsB,GAAG,gBAA/B,CAAA;EACA,MAAMC,4BAA4B,GAAG,wBAArC,CAAA;EAEA,MAAMC,kBAAkB,GAAG,qCAA3B,CAAA;EACA,MAAMC,cAAc,GAAG,6BAAvB,CAAA;EACA,MAAMC,cAAc,GAAI,CAAWH,SAAAA,EAAAA,4BAA6B,qBAAoBA,4BAA6B,CAAA,cAAA,EAAgBA,4BAA6B,CAA9J,CAAA,CAAA;EACA,MAAMI,oBAAoB,GAAG,0EAA7B;;EACA,MAAMC,mBAAmB,GAAI,CAAA,EAAEF,cAAe,CAAA,EAAA,EAAIC,oBAAqB,CAAvE,CAAA,CAAA;EAEA,MAAME,2BAA2B,GAAI,CAAGb,CAAAA,EAAAA,iBAAkB,4BAA2BA,iBAAkB,CAAA,0BAAA,EAA4BA,iBAAkB,CAArJ,uBAAA,CAAA,CAAA;EAEA;EACA;EACA;;EAEA,MAAMc,GAAN,SAAkBC,8BAAlB,CAAgC;IAC9BC,WAAW,CAACC,OAAD,EAAU;EACnB,IAAA,KAAA,CAAMA,OAAN,CAAA,CAAA;MACA,IAAKC,CAAAA,OAAL,GAAe,IAAKC,CAAAA,QAAL,CAAcC,OAAd,CAAsBZ,kBAAtB,CAAf,CAAA;;MAEA,IAAI,CAAC,IAAKU,CAAAA,OAAV,EAAmB;EACjB,MAAA,OADiB;EAGjB;EACD,KARkB;;;EAWnB,IAAA,IAAA,CAAKG,qBAAL,CAA2B,IAAA,CAAKH,OAAhC,EAAyC,IAAA,CAAKI,YAAL,EAAzC,CAAA,CAAA;;EAEAC,IAAAA,6BAAY,CAACC,EAAb,CAAgB,IAAA,CAAKL,QAArB,EAA+BzB,aAA/B,EAA8C+B,KAAK,IAAI,IAAA,CAAKC,QAAL,CAAcD,KAAd,CAAvD,CAAA,CAAA;EACD,GAf6B;;;EAkBf,EAAA,WAAJvC,IAAI,GAAG;EAChB,IAAA,OAAOA,IAAP,CAAA;EACD,GApB6B;;;EAuB9ByC,EAAAA,IAAI,GAAG;EAAE;MACP,MAAMC,SAAS,GAAG,IAAA,CAAKT,QAAvB,CAAA;;EACA,IAAA,IAAI,IAAKU,CAAAA,aAAL,CAAmBD,SAAnB,CAAJ,EAAmC;EACjC,MAAA,OAAA;EACD,KAJI;;;EAOL,IAAA,MAAME,MAAM,GAAG,IAAKC,CAAAA,cAAL,EAAf,CAAA;;MAEA,MAAMC,SAAS,GAAGF,MAAM,GACtBP,6BAAY,CAACU,OAAb,CAAqBH,MAArB,EAA6BzC,UAA7B,EAAyC;EAAE6C,MAAAA,aAAa,EAAEN,SAAAA;OAA1D,CADsB,GAEtB,IAFF,CAAA;MAIA,MAAMO,SAAS,GAAGZ,6BAAY,CAACU,OAAb,CAAqBL,SAArB,EAAgCrC,UAAhC,EAA4C;EAAE2C,MAAAA,aAAa,EAAEJ,MAAAA;EAAjB,KAA5C,CAAlB,CAAA;;MAEA,IAAIK,SAAS,CAACC,gBAAV,IAA+BJ,SAAS,IAAIA,SAAS,CAACI,gBAA1D,EAA6E;EAC3E,MAAA,OAAA;EACD,KAAA;;EAED,IAAA,IAAA,CAAKC,WAAL,CAAiBP,MAAjB,EAAyBF,SAAzB,CAAA,CAAA;;EACA,IAAA,IAAA,CAAKU,SAAL,CAAeV,SAAf,EAA0BE,MAA1B,CAAA,CAAA;EACD,GA5C6B;;;EA+C9BQ,EAAAA,SAAS,CAACrB,OAAD,EAAUsB,WAAV,EAAuB;MAC9B,IAAI,CAACtB,OAAL,EAAc;EACZ,MAAA,OAAA;EACD,KAAA;;EAEDA,IAAAA,OAAO,CAACuB,SAAR,CAAkBC,GAAlB,CAAsBzC,iBAAtB,CAAA,CAAA;;EAEA,IAAA,IAAA,CAAKsC,SAAL,CAAeI,4BAAsB,CAACzB,OAAD,CAArC,EAP8B;;;MAS9B,MAAM0B,QAAQ,GAAG,MAAM;EACrB,MAAA,IAAI1B,OAAO,CAAC2B,YAAR,CAAqB,MAArB,CAAA,KAAiC,KAArC,EAA4C;EAC1C3B,QAAAA,OAAO,CAACuB,SAAR,CAAkBC,GAAlB,CAAsBvC,eAAtB,CAAA,CAAA;EACA,QAAA,OAAA;EACD,OAAA;;EAEDe,MAAAA,OAAO,CAAC4B,KAAR,EAAA,CAAA;QACA5B,OAAO,CAAC6B,eAAR,CAAwB,UAAxB,CAAA,CAAA;EACA7B,MAAAA,OAAO,CAAC8B,YAAR,CAAqB,eAArB,EAAsC,IAAtC,CAAA,CAAA;;EACA,MAAA,IAAA,CAAKC,eAAL,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