{"version":3,"file":"modal.js","sources":["../src/modal.js"],"sourcesContent":["/\*\*\n \* --------------------------------------------------------------------------\n \* Bootstrap (v5.2.0): modal.js\n \* Licensed under MIT (https://github.com/twbs/bootstrap/blob/main/LICENSE)\n \* --------------------------------------------------------------------------\n \*/\n\nimport { defineJQueryPlugin, getElementFromSelector, isRTL, isVisible, reflow } from './util/index'\nimport EventHandler from './dom/event-handler'\nimport SelectorEngine from './dom/selector-engine'\nimport ScrollBarHelper from './util/scrollbar'\nimport BaseComponent from './base-component'\nimport Backdrop from './util/backdrop'\nimport FocusTrap from './util/focustrap'\nimport { enableDismissTrigger } from './util/component-functions'\n\n/\*\*\n \* Constants\n \*/\n\nconst NAME = 'modal'\nconst DATA\_KEY = 'bs.modal'\nconst EVENT\_KEY = `.${DATA\_KEY}`\nconst DATA\_API\_KEY = '.data-api'\nconst ESCAPE\_KEY = 'Escape'\n\nconst EVENT\_HIDE = `hide${EVENT\_KEY}`\nconst EVENT\_HIDE\_PREVENTED = `hidePrevented${EVENT\_KEY}`\nconst EVENT\_HIDDEN = `hidden${EVENT\_KEY}`\nconst EVENT\_SHOW = `show${EVENT\_KEY}`\nconst EVENT\_SHOWN = `shown${EVENT\_KEY}`\nconst EVENT\_RESIZE = `resize${EVENT\_KEY}`\nconst EVENT\_MOUSEDOWN\_DISMISS = `mousedown.dismiss${EVENT\_KEY}`\nconst EVENT\_KEYDOWN\_DISMISS = `keydown.dismiss${EVENT\_KEY}`\nconst EVENT\_CLICK\_DATA\_API = `click${EVENT\_KEY}${DATA\_API\_KEY}`\n\nconst CLASS\_NAME\_OPEN = 'modal-open'\nconst CLASS\_NAME\_FADE = 'fade'\nconst CLASS\_NAME\_SHOW = 'show'\nconst CLASS\_NAME\_STATIC = 'modal-static'\n\nconst OPEN\_SELECTOR = '.modal.show'\nconst SELECTOR\_DIALOG = '.modal-dialog'\nconst SELECTOR\_MODAL\_BODY = '.modal-body'\nconst SELECTOR\_DATA\_TOGGLE = '[data-bs-toggle=\"modal\"]'\n\nconst Default = {\n backdrop: true,\n focus: true,\n keyboard: true\n}\n\nconst DefaultType = {\n backdrop: '(boolean|string)',\n focus: 'boolean',\n keyboard: 'boolean'\n}\n\n/\*\*\n \* Class definition\n \*/\n\nclass Modal extends BaseComponent {\n constructor(element, config) {\n super(element, config)\n\n this.\_dialog = SelectorEngine.findOne(SELECTOR\_DIALOG, this.\_element)\n this.\_backdrop = this.\_initializeBackDrop()\n this.\_focustrap = this.\_initializeFocusTrap()\n this.\_isShown = false\n this.\_isTransitioning = false\n this.\_scrollBar = new ScrollBarHelper()\n\n this.\_addEventListeners()\n }\n\n // Getters\n static get Default() {\n return Default\n }\n\n static get DefaultType() {\n return DefaultType\n }\n\n static get NAME() {\n return NAME\n }\n\n // Public\n toggle(relatedTarget) {\n return this.\_isShown ? this.hide() : this.show(relatedTarget)\n }\n\n show(relatedTarget) {\n if (this.\_isShown || this.\_isTransitioning) {\n return\n }\n\n const showEvent = EventHandler.trigger(this.\_element, EVENT\_SHOW, {\n relatedTarget\n })\n\n if (showEvent.defaultPrevented) {\n return\n }\n\n this.\_isShown = true\n this.\_isTransitioning = true\n\n this.\_scrollBar.hide()\n\n document.body.classList.add(CLASS\_NAME\_OPEN)\n\n this.\_adjustDialog()\n\n this.\_backdrop.show(() => this.\_showElement(relatedTarget))\n }\n\n hide() {\n if (!this.\_isShown || this.\_isTransitioning) {\n return\n }\n\n const hideEvent = EventHandler.trigger(this.\_element, EVENT\_HIDE)\n\n if (hideEvent.defaultPrevented) {\n return\n }\n\n this.\_isShown = false\n this.\_isTransitioning = true\n this.\_focustrap.deactivate()\n\n this.\_element.classList.remove(CLASS\_NAME\_SHOW)\n\n this.\_queueCallback(() => this.\_hideModal(), this.\_element, this.\_isAnimated())\n }\n\n dispose() {\n for (const htmlElement of [window, this.\_dialog]) {\n EventHandler.off(htmlElement, EVENT\_KEY)\n }\n\n this.\_backdrop.dispose()\n this.\_focustrap.deactivate()\n super.dispose()\n }\n\n handleUpdate() {\n this.\_adjustDialog()\n }\n\n // Private\n \_initializeBackDrop() {\n return new Backdrop({\n isVisible: Boolean(this.\_config.backdrop), // 'static' option will be translated to true, and booleans will keep their value,\n isAnimated: this.\_isAnimated()\n })\n }\n\n \_initializeFocusTrap() {\n return new FocusTrap({\n trapElement: this.\_element\n })\n }\n\n \_showElement(relatedTarget) {\n // try to append dynamic modal\n if (!document.body.contains(this.\_element)) {\n document.body.append(this.\_element)\n }\n\n this.\_element.style.display = 'block'\n this.\_element.removeAttribute('aria-hidden')\n this.\_element.setAttribute('aria-modal', true)\n this.\_element.setAttribute('role', 'dialog')\n this.\_element.scrollTop = 0\n\n const modalBody = SelectorEngine.findOne(SELECTOR\_MODAL\_BODY, this.\_dialog)\n if (modalBody) {\n modalBody.scrollTop = 0\n }\n\n reflow(this.\_element)\n\n this.\_element.classList.add(CLASS\_NAME\_SHOW)\n\n const transitionComplete = () => {\n if (this.\_config.focus) {\n this.\_focustrap.activate()\n }\n\n this.\_isTransitioning = false\n EventHandler.trigger(this.\_element, EVENT\_SHOWN, {\n relatedTarget\n })\n }\n\n this.\_queueCallback(transitionComplete, this.\_dialog, this.\_isAnimated())\n }\n\n \_addEventListeners() {\n EventHandler.on(this.\_element, EVENT\_KEYDOWN\_DISMISS, event => {\n if (event.key !== ESCAPE\_KEY) {\n return\n }\n\n if (this.\_config.keyboard) {\n event.preventDefault()\n this.hide()\n return\n }\n\n this.\_triggerBackdropTransition()\n })\n\n EventHandler.on(window, EVENT\_RESIZE, () => {\n if (this.\_isShown && !this.\_isTransitioning) {\n this.\_adjustDialog()\n }\n })\n\n EventHandler.on(this.\_element, EVENT\_MOUSEDOWN\_DISMISS, event => {\n if (event.target !== event.currentTarget) { // click is inside modal-dialog\n return\n }\n\n if (this.\_config.backdrop === 'static') {\n this.\_triggerBackdropTransition()\n return\n }\n\n if (this.\_config.backdrop) {\n this.hide()\n }\n })\n }\n\n \_hideModal() {\n this.\_element.style.display = 'none'\n this.\_element.setAttribute('aria-hidden', true)\n this.\_element.removeAttribute('aria-modal')\n this.\_element.removeAttribute('role')\n this.\_isTransitioning = false\n\n this.\_backdrop.hide(() => {\n document.body.classList.remove(CLASS\_NAME\_OPEN)\n this.\_resetAdjustments()\n this.\_scrollBar.reset()\n EventHandler.trigger(this.\_element, EVENT\_HIDDEN)\n })\n }\n\n \_isAnimated() {\n return this.\_element.classList.contains(CLASS\_NAME\_FADE)\n }\n\n \_triggerBackdropTransition() {\n const hideEvent = EventHandler.trigger(this.\_element, EVENT\_HIDE\_PREVENTED)\n if (hideEvent.defaultPrevented) {\n return\n }\n\n const isModalOverflowing = this.\_element.scrollHeight > document.documentElement.clientHeight\n const initialOverflowY = this.\_element.style.overflowY\n // return if the following background transition hasn't yet completed\n if (initialOverflowY === 'hidden' || this.\_element.classList.contains(CLASS\_NAME\_STATIC)) {\n return\n }\n\n if (!isModalOverflowing) {\n this.\_element.style.overflowY = 'hidden'\n }\n\n this.\_element.classList.add(CLASS\_NAME\_STATIC)\n this.\_queueCallback(() => {\n this.\_element.classList.remove(CLASS\_NAME\_STATIC)\n this.\_queueCallback(() => {\n this.\_element.style.overflowY = initialOverflowY\n }, this.\_dialog)\n }, this.\_dialog)\n\n this.\_element.focus()\n }\n\n /\*\*\n \* The following methods are used to handle overflowing modals\n \*/\n\n \_adjustDialog() {\n const isModalOverflowing = this.\_element.scrollHeight > document.documentElement.clientHeight\n const scrollbarWidth = this.\_scrollBar.getWidth()\n const isBodyOverflowing = scrollbarWidth > 0\n\n if (isBodyOverflowing && !isModalOverflowing) {\n const property = isRTL() ? 'paddingLeft' : 'paddingRight'\n this.\_element.style[property] = `${scrollbarWidth}px`\n }\n\n if (!isBodyOverflowing && isModalOverflowing) {\n const property = isRTL() ? 'paddingRight' : 'paddingLeft'\n this.\_element.style[property] = `${scrollbarWidth}px`\n }\n }\n\n \_resetAdjustments() {\n this.\_element.style.paddingLeft = ''\n this.\_element.style.paddingRight = ''\n }\n\n // Static\n static jQueryInterface(config, relatedTarget) {\n return this.each(function () {\n const data = Modal.getOrCreateInstance(this, config)\n\n if (typeof config !== 'string') {\n return\n }\n\n if (typeof data[config] === 'undefined') {\n throw new TypeError(`No method named \"${config}\"`)\n }\n\n data[config](relatedTarget)\n })\n }\n}\n\n/\*\*\n \* Data API implementation\n \*/\n\nEventHandler.on(document, EVENT\_CLICK\_DATA\_API, SELECTOR\_DATA\_TOGGLE, function (event) {\n const target = getElementFromSelector(this)\n\n if (['A', 'AREA'].includes(this.tagName)) {\n event.preventDefault()\n }\n\n EventHandler.one(target, EVENT\_SHOW, showEvent => {\n if (showEvent.defaultPrevented) {\n // only register focus restorer if modal will actually get shown\n return\n }\n\n EventHandler.one(target, EVENT\_HIDDEN, () => {\n if (isVisible(this)) {\n this.focus()\n }\n })\n })\n\n // avoid conflict when clicking modal toggler while another one is open\n const alreadyOpen = SelectorEngine.findOne(OPEN\_SELECTOR)\n if (alreadyOpen) {\n Modal.getInstance(alreadyOpen).hide()\n }\n\n const data = Modal.getOrCreateInstance(target)\n\n data.toggle(this)\n})\n\nenableDismissTrigger(Modal)\n\n/\*\*\n \* jQuery\n \*/\n\ndefineJQueryPlugin(Modal)\n\nexport default Modal\n"],"names":["NAME","DATA\_KEY","EVENT\_KEY","DATA\_API\_KEY","ESCAPE\_KEY","EVENT\_HIDE","EVENT\_HIDE\_PREVENTED","EVENT\_HIDDEN","EVENT\_SHOW","EVENT\_SHOWN","EVENT\_RESIZE","EVENT\_MOUSEDOWN\_DISMISS","EVENT\_KEYDOWN\_DISMISS","EVENT\_CLICK\_DATA\_API","CLASS\_NAME\_OPEN","CLASS\_NAME\_FADE","CLASS\_NAME\_SHOW","CLASS\_NAME\_STATIC","OPEN\_SELECTOR","SELECTOR\_DIALOG","SELECTOR\_MODAL\_BODY","SELECTOR\_DATA\_TOGGLE","Default","backdrop","focus","keyboard","DefaultType","Modal","BaseComponent","constructor","element","config","\_dialog","SelectorEngine","findOne","\_element","\_backdrop","\_initializeBackDrop","\_focustrap","\_initializeFocusTrap","\_isShown","\_isTransitioning","\_scrollBar","ScrollBarHelper","\_addEventListeners","toggle","relatedTarget","hide","show","showEvent","EventHandler","trigger","defaultPrevented","document","body","classList","add","\_adjustDialog","\_showElement","hideEvent","deactivate","remove","\_queueCallback","\_hideModal","\_isAnimated","dispose","htmlElement","window","off","handleUpdate","Backdrop","isVisible","Boolean","\_config","isAnimated","FocusTrap","trapElement","contains","append","style","display","removeAttribute","setAttribute","scrollTop","modalBody","reflow","transitionComplete","activate","on","event","key","preventDefault","\_triggerBackdropTransition","target","currentTarget","\_resetAdjustments","reset","isModalOverflowing","scrollHeight","documentElement","clientHeight","initialOverflowY","overflowY","scrollbarWidth","getWidth","isBodyOverflowing","property","isRTL","paddingLeft","paddingRight","jQueryInterface","each","data","getOrCreateInstance","TypeError","getElementFromSelector","includes","tagName","one","alreadyOpen","getInstance","enableDismissTrigger","defineJQueryPlugin"],"mappings":";;;;;;;;;;;;;;;;;;;;EAAA;EACA;EACA;EACA;EACA;EACA;EAWA;EACA;EACA;;EAEA,MAAMA,IAAI,GAAG,OAAb,CAAA;EACA,MAAMC,QAAQ,GAAG,UAAjB,CAAA;EACA,MAAMC,SAAS,GAAI,CAAGD,CAAAA,EAAAA,QAAS,CAA/B,CAAA,CAAA;EACA,MAAME,YAAY,GAAG,WAArB,CAAA;EACA,MAAMC,UAAU,GAAG,QAAnB,CAAA;EAEA,MAAMC,UAAU,GAAI,CAAMH,IAAAA,EAAAA,SAAU,CAApC,CAAA,CAAA;EACA,MAAMI,oBAAoB,GAAI,CAAeJ,aAAAA,EAAAA,SAAU,CAAvD,CAAA,CAAA;EACA,MAAMK,YAAY,GAAI,CAAQL,MAAAA,EAAAA,SAAU,CAAxC,CAAA,CAAA;EACA,MAAMM,UAAU,GAAI,CAAMN,IAAAA,EAAAA,SAAU,CAApC,CAAA,CAAA;EACA,MAAMO,WAAW,GAAI,CAAOP,KAAAA,EAAAA,SAAU,CAAtC,CAAA,CAAA;EACA,MAAMQ,YAAY,GAAI,CAAQR,MAAAA,EAAAA,SAAU,CAAxC,CAAA,CAAA;EACA,MAAMS,uBAAuB,GAAI,CAAmBT,iBAAAA,EAAAA,SAAU,CAA9D,CAAA,CAAA;EACA,MAAMU,qBAAqB,GAAI,CAAiBV,eAAAA,EAAAA,SAAU,CAA1D,CAAA,CAAA;EACA,MAAMW,oBAAoB,GAAI,CAAA,KAAA,EAAOX,SAAU,CAAA,EAAEC,YAAa,CAA9D,CAAA,CAAA;EAEA,MAAMW,eAAe,GAAG,YAAxB,CAAA;EACA,MAAMC,eAAe,GAAG,MAAxB,CAAA;EACA,MAAMC,eAAe,GAAG,MAAxB,CAAA;EACA,MAAMC,iBAAiB,GAAG,cAA1B,CAAA;EAEA,MAAMC,aAAa,GAAG,aAAtB,CAAA;EACA,MAAMC,eAAe,GAAG,eAAxB,CAAA;EACA,MAAMC,mBAAmB,GAAG,aAA5B,CAAA;EACA,MAAMC,oBAAoB,GAAG,0BAA7B,CAAA;EAEA,MAAMC,OAAO,GAAG;EACdC,EAAAA,QAAQ,EAAE,IADI;EAEdC,EAAAA,KAAK,EAAE,IAFO;EAGdC,EAAAA,QAAQ,EAAE,IAAA;EAHI,CAAhB,CAAA;EAMA,MAAMC,WAAW,GAAG;EAClBH,EAAAA,QAAQ,EAAE,kBADQ;EAElBC,EAAAA,KAAK,EAAE,SAFW;EAGlBC,EAAAA,QAAQ,EAAE,SAAA;EAHQ,CAApB,CAAA;EAMA;EACA;EACA;;EAEA,MAAME,KAAN,SAAoBC,8BAApB,CAAkC;EAChCC,EAAAA,WAAW,CAACC,OAAD,EAAUC,MAAV,EAAkB;MAC3B,KAAMD,CAAAA,OAAN,EAAeC,MAAf,CAAA,CAAA;MAEA,IAAKC,CAAAA,OAAL,GAAeC,+BAAc,CAACC,OAAf,CAAuBf,eAAvB,EAAwC,IAAKgB,CAAAA,QAA7C,CAAf,CAAA;EACA,IAAA,IAAA,CAAKC,SAAL,GAAiB,IAAKC,CAAAA,mBAAL,EAAjB,CAAA;EACA,IAAA,IAAA,CAAKC,UAAL,GAAkB,IAAKC,CAAAA,oBAAL,EAAlB,CAAA;MACA,IAAKC,CAAAA,QAAL,GAAgB,KAAhB,CAAA;MACA,IAAKC,CAAAA,gBAAL,GAAwB,KAAxB,CAAA;EACA,IAAA,IAAA,CAAKC,UAAL,GAAkB,IAAIC,gCAAJ,EAAlB,CAAA;;EAEA,IAAA,IAAA,CAAKC,kBAAL,EAAA,CAAA;EACD,GAZ+B;;;EAed,EAAA,WAAPtB,OAAO,GAAG;EACnB,IAAA,OAAOA,OAAP,CAAA;EACD,GAAA;;EAEqB,EAAA,WAAXI,WAAW,GAAG;EACvB,IAAA,OAAOA,WAAP,CAAA;EACD,GAAA;;EAEc,EAAA,WAAJ1B,IAAI,GAAG;EAChB,IAAA,OAAOA,IAAP,CAAA;EACD,GAzB+B;;;IA4BhC6C,MAAM,CAACC,aAAD,EAAgB;MACpB,OAAO,IAAA,CAAKN,QAAL,GAAgB,IAAKO,CAAAA,IAAL,EAAhB,GAA8B,IAAKC,CAAAA,IAAL,CAAUF,aAAV,CAArC,CAAA;EACD,GAAA;;IAEDE,IAAI,CAACF,aAAD,EAAgB;EAClB,IAAA,IAAI,IAAKN,CAAAA,QAAL,IAAiB,IAAA,CAAKC,gBAA1B,EAA4C;EAC1C,MAAA,OAAA;EACD,KAAA;;MAED,MAAMQ,SAAS,GAAGC,6BAAY,CAACC,OAAb,CAAqB,IAAKhB,CAAAA,QAA1B,EAAoC3B,UAApC,EAAgD;EAChEsC,MAAAA,aAAAA;EADgE,KAAhD,CAAlB,CAAA;;MAIA,IAAIG,SAAS,CAACG,gBAAd,EAAgC;EAC9B,MAAA,OAAA;EACD,KAAA;;MAED,IAAKZ,CAAAA,QAAL,GAAgB,IAAhB,CAAA;MACA,IAAKC,CAAAA,gBAAL,GAAwB,IAAxB,CAAA;;MAEA,IAAKC,CAAAA,UAAL,CAAgBK,IAAhB,EAAA,CAAA;;EAEAM,IAAAA,QAAQ,CAACC,IAAT,CAAcC,SAAd,CAAwBC,GAAxB,CAA4B1C,eAA5B,CAAA,CAAA;;EAEA,IAAA,IAAA,CAAK2C,aAAL,EAAA,CAAA;;MAEA,IAAKrB,CAAAA,SAAL,CAAeY,IAAf,CAAoB,MAAM,IAAKU,CAAAA,YAAL,CAAkBZ,aAAlB,CAA1B,CAAA,CAAA;EACD,GAAA;;EAEDC,EAAAA,IAAI,GAAG;EACL,IAAA,IAAI,CAAC,IAAKP,CAAAA,QAAN,IAAkB,IAAA,CAAKC,gBAA3B,EAA6C;EAC3C,MAAA,OAAA;EACD,KAAA;;MAED,MAAMkB,SAAS,GAAGT,6BAAY,CAACC,OAAb,CAAqB,IAAKhB,CAAAA,QAA1B,EAAoC9B,UAApC,CAAlB,CAAA;;MAEA,IAAIsD,SAAS,CAACP,gBAAd,EAAgC;EAC9B,MAAA,OAAA;EACD,KAAA;;MAED,IAAKZ,CAAAA,QAAL,GAAgB,KAAhB,CAAA;MACA,IAAKC,CAAAA,gBAAL,GAAwB,IAAxB,CAAA;;MACA,IAAKH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