{"version":3,"file":"carousel.js","sources":["../src/carousel.js"],"sourcesContent":["/\*\*\n \* --------------------------------------------------------------------------\n \* Bootstrap (v5.2.0): carousel.js\n \* Licensed under MIT (https://github.com/twbs/bootstrap/blob/main/LICENSE)\n \* --------------------------------------------------------------------------\n \*/\n\nimport {\n defineJQueryPlugin,\n getElementFromSelector,\n getNextActiveElement,\n isRTL,\n isVisible,\n reflow,\n triggerTransitionEnd\n} from './util/index'\nimport EventHandler from './dom/event-handler'\nimport Manipulator from './dom/manipulator'\nimport SelectorEngine from './dom/selector-engine'\nimport Swipe from './util/swipe'\nimport BaseComponent from './base-component'\n\n/\*\*\n \* Constants\n \*/\n\nconst NAME = 'carousel'\nconst DATA\_KEY = 'bs.carousel'\nconst EVENT\_KEY = `.${DATA\_KEY}`\nconst DATA\_API\_KEY = '.data-api'\n\nconst ARROW\_LEFT\_KEY = 'ArrowLeft'\nconst ARROW\_RIGHT\_KEY = 'ArrowRight'\nconst TOUCHEVENT\_COMPAT\_WAIT = 500 // Time for mouse compat events to fire after touch\n\nconst ORDER\_NEXT = 'next'\nconst ORDER\_PREV = 'prev'\nconst DIRECTION\_LEFT = 'left'\nconst DIRECTION\_RIGHT = 'right'\n\nconst EVENT\_SLIDE = `slide${EVENT\_KEY}`\nconst EVENT\_SLID = `slid${EVENT\_KEY}`\nconst EVENT\_KEYDOWN = `keydown${EVENT\_KEY}`\nconst EVENT\_MOUSEENTER = `mouseenter${EVENT\_KEY}`\nconst EVENT\_MOUSELEAVE = `mouseleave${EVENT\_KEY}`\nconst EVENT\_DRAG\_START = `dragstart${EVENT\_KEY}`\nconst EVENT\_LOAD\_DATA\_API = `load${EVENT\_KEY}${DATA\_API\_KEY}`\nconst EVENT\_CLICK\_DATA\_API = `click${EVENT\_KEY}${DATA\_API\_KEY}`\n\nconst CLASS\_NAME\_CAROUSEL = 'carousel'\nconst CLASS\_NAME\_ACTIVE = 'active'\nconst CLASS\_NAME\_SLIDE = 'slide'\nconst CLASS\_NAME\_END = 'carousel-item-end'\nconst CLASS\_NAME\_START = 'carousel-item-start'\nconst CLASS\_NAME\_NEXT = 'carousel-item-next'\nconst CLASS\_NAME\_PREV = 'carousel-item-prev'\n\nconst SELECTOR\_ACTIVE = '.active'\nconst SELECTOR\_ITEM = '.carousel-item'\nconst SELECTOR\_ACTIVE\_ITEM = SELECTOR\_ACTIVE + SELECTOR\_ITEM\nconst SELECTOR\_ITEM\_IMG = '.carousel-item img'\nconst SELECTOR\_INDICATORS = '.carousel-indicators'\nconst SELECTOR\_DATA\_SLIDE = '[data-bs-slide], [data-bs-slide-to]'\nconst SELECTOR\_DATA\_RIDE = '[data-bs-ride=\"carousel\"]'\n\nconst KEY\_TO\_DIRECTION = {\n [ARROW\_LEFT\_KEY]: DIRECTION\_RIGHT,\n [ARROW\_RIGHT\_KEY]: DIRECTION\_LEFT\n}\n\nconst Default = {\n interval: 5000,\n keyboard: true,\n pause: 'hover',\n ride: false,\n touch: true,\n wrap: true\n}\n\nconst DefaultType = {\n interval: '(number|boolean)', // TODO:v6 remove boolean support\n keyboard: 'boolean',\n pause: '(string|boolean)',\n ride: '(boolean|string)',\n touch: 'boolean',\n wrap: 'boolean'\n}\n\n/\*\*\n \* Class definition\n \*/\n\nclass Carousel extends BaseComponent {\n constructor(element, config) {\n super(element, config)\n\n this.\_interval = null\n this.\_activeElement = null\n this.\_isSliding = false\n this.touchTimeout = null\n this.\_swipeHelper = null\n\n this.\_indicatorsElement = SelectorEngine.findOne(SELECTOR\_INDICATORS, this.\_element)\n this.\_addEventListeners()\n\n if (this.\_config.ride === CLASS\_NAME\_CAROUSEL) {\n this.cycle()\n }\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 next() {\n this.\_slide(ORDER\_NEXT)\n }\n\n nextWhenVisible() {\n // FIXME TODO use `document.visibilityState`\n // Don't call next when the page isn't visible\n // or the carousel or its parent isn't visible\n if (!document.hidden && isVisible(this.\_element)) {\n this.next()\n }\n }\n\n prev() {\n this.\_slide(ORDER\_PREV)\n }\n\n pause() {\n if (this.\_isSliding) {\n triggerTransitionEnd(this.\_element)\n }\n\n this.\_clearInterval()\n }\n\n cycle() {\n this.\_clearInterval()\n this.\_updateInterval()\n\n this.\_interval = setInterval(() => this.nextWhenVisible(), this.\_config.interval)\n }\n\n \_maybeEnableCycle() {\n if (!this.\_config.ride) {\n return\n }\n\n if (this.\_isSliding) {\n EventHandler.one(this.\_element, EVENT\_SLID, () => this.cycle())\n return\n }\n\n this.cycle()\n }\n\n to(index) {\n const items = this.\_getItems()\n if (index > items.length - 1 || index < 0) {\n return\n }\n\n if (this.\_isSliding) {\n EventHandler.one(this.\_element, EVENT\_SLID, () => this.to(index))\n return\n }\n\n const activeIndex = this.\_getItemIndex(this.\_getActive())\n if (activeIndex === index) {\n return\n }\n\n const order = index > activeIndex ? ORDER\_NEXT : ORDER\_PREV\n\n this.\_slide(order, items[index])\n }\n\n dispose() {\n if (this.\_swipeHelper) {\n this.\_swipeHelper.dispose()\n }\n\n super.dispose()\n }\n\n // Private\n \_configAfterMerge(config) {\n config.defaultInterval = config.interval\n return config\n }\n\n \_addEventListeners() {\n if (this.\_config.keyboard) {\n EventHandler.on(this.\_element, EVENT\_KEYDOWN, event => this.\_keydown(event))\n }\n\n if (this.\_config.pause === 'hover') {\n EventHandler.on(this.\_element, EVENT\_MOUSEENTER, () => this.pause())\n EventHandler.on(this.\_element, EVENT\_MOUSELEAVE, () => this.\_maybeEnableCycle())\n }\n\n if (this.\_config.touch && Swipe.isSupported()) {\n this.\_addTouchEventListeners()\n }\n }\n\n \_addTouchEventListeners() {\n for (const img of SelectorEngine.find(SELECTOR\_ITEM\_IMG, this.\_element)) {\n EventHandler.on(img, EVENT\_DRAG\_START, event => event.preventDefault())\n }\n\n const endCallBack = () => {\n if (this.\_config.pause !== 'hover') {\n return\n }\n\n // If it's a touch-enabled device, mouseenter/leave are fired as\n // part of the mouse compatibility events on first tap - the carousel\n // would stop cycling until user tapped out of it;\n // here, we listen for touchend, explicitly pause the carousel\n // (as if it's the second time we tap on it, mouseenter compat event\n // is NOT fired) and after a timeout (to allow for mouse compatibility\n // events to fire) we explicitly restart cycling\n\n this.pause()\n if (this.touchTimeout) {\n clearTimeout(this.touchTimeout)\n }\n\n this.touchTimeout = setTimeout(() => this.\_maybeEnableCycle(), TOUCHEVENT\_COMPAT\_WAIT + this.\_config.interval)\n }\n\n const swipeConfig = {\n leftCallback: () => this.\_slide(this.\_directionToOrder(DIRECTION\_LEFT)),\n rightCallback: () => this.\_slide(this.\_directionToOrder(DIRECTION\_RIGHT)),\n endCallback: endCallBack\n }\n\n this.\_swipeHelper = new Swipe(this.\_element, swipeConfig)\n }\n\n \_keydown(event) {\n if (/input|textarea/i.test(event.target.tagName)) {\n return\n }\n\n const direction = KEY\_TO\_DIRECTION[event.key]\n if (direction) {\n event.preventDefault()\n this.\_slide(this.\_directionToOrder(direction))\n }\n }\n\n \_getItemIndex(element) {\n return this.\_getItems().indexOf(element)\n }\n\n \_setActiveIndicatorElement(index) {\n if (!this.\_indicatorsElement) {\n return\n }\n\n const activeIndicator = SelectorEngine.findOne(SELECTOR\_ACTIVE, this.\_indicatorsElement)\n\n activeIndicator.classList.remove(CLASS\_NAME\_ACTIVE)\n activeIndicator.removeAttribute('aria-current')\n\n const newActiveIndicator = SelectorEngine.findOne(`[data-bs-slide-to=\"${index}\"]`, this.\_indicatorsElement)\n\n if (newActiveIndicator) {\n newActiveIndicator.classList.add(CLASS\_NAME\_ACTIVE)\n newActiveIndicator.setAttribute('aria-current', 'true')\n }\n }\n\n \_updateInterval() {\n const element = this.\_activeElement || this.\_getActive()\n\n if (!element) {\n return\n }\n\n const elementInterval = Number.parseInt(element.getAttribute('data-bs-interval'), 10)\n\n this.\_config.interval = elementInterval || this.\_config.defaultInterval\n }\n\n \_slide(order, element = null) {\n if (this.\_isSliding) {\n return\n }\n\n const activeElement = this.\_getActive()\n const isNext = order === ORDER\_NEXT\n const nextElement = element || getNextActiveElement(this.\_getItems(), activeElement, isNext, this.\_config.wrap)\n\n if (nextElement === activeElement) {\n return\n }\n\n const nextElementIndex = this.\_getItemIndex(nextElement)\n\n const triggerEvent = eventName => {\n return EventHandler.trigger(this.\_element, eventName, {\n relatedTarget: nextElement,\n direction: this.\_orderToDirection(order),\n from: this.\_getItemIndex(activeElement),\n to: nextElementIndex\n })\n }\n\n const slideEvent = triggerEvent(EVENT\_SLIDE)\n\n if (slideEvent.defaultPrevented) {\n return\n }\n\n if (!activeElement || !nextElement) {\n // Some weirdness is happening, so we bail\n // todo: change tests that use empty divs to avoid this check\n return\n }\n\n const isCycling = Boolean(this.\_interval)\n this.pause()\n\n this.\_isSliding = true\n\n this.\_setActiveIndicatorElement(nextElementIndex)\n this.\_activeElement = nextElement\n\n const directionalClassName = isNext ? CLASS\_NAME\_START : CLASS\_NAME\_END\n const orderClassName = isNext ? CLASS\_NAME\_NEXT : CLASS\_NAME\_PREV\n\n nextElement.classList.add(orderClassName)\n\n reflow(nextElement)\n\n activeElement.classList.add(directionalClassName)\n nextElement.classList.add(directionalClassName)\n\n const completeCallBack = () => {\n nextElement.classList.remove(directionalClassName, orderClassName)\n nextElement.classList.add(CLASS\_NAME\_ACTIVE)\n\n activeElement.classList.remove(CLASS\_NAME\_ACTIVE, orderClassName, directionalClassName)\n\n this.\_isSliding = false\n\n triggerEvent(EVENT\_SLID)\n }\n\n this.\_queueCallback(completeCallBack, activeElement, this.\_isAnimated())\n\n if (isCycling) {\n this.cycle()\n }\n }\n\n \_isAnimated() {\n return this.\_element.classList.contains(CLASS\_NAME\_SLIDE)\n }\n\n \_getActive() {\n return SelectorEngine.findOne(SELECTOR\_ACTIVE\_ITEM, this.\_element)\n }\n\n \_getItems() {\n return SelectorEngine.find(SELECTOR\_ITEM, this.\_element)\n }\n\n \_clearInterval() {\n if (this.\_interval) {\n clearInterval(this.\_interval)\n this.\_interval = null\n }\n }\n\n \_directionToOrder(direction) {\n if (isRTL()) {\n return direction === DIRECTION\_LEFT ? ORDER\_PREV : ORDER\_NEXT\n }\n\n return direction === DIRECTION\_LEFT ? ORDER\_NEXT : ORDER\_PREV\n }\n\n \_orderToDirection(order) {\n if (isRTL()) {\n return order === ORDER\_PREV ? DIRECTION\_LEFT : DIRECTION\_RIGHT\n }\n\n return order === ORDER\_PREV ? DIRECTION\_RIGHT : DIRECTION\_LEFT\n }\n\n // Static\n static jQueryInterface(config) {\n return this.each(function () {\n const data = Carousel.getOrCreateInstance(this, config)\n\n if (typeof config === 'number') {\n data.to(config)\n return\n }\n\n if (typeof config === 'string') {\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/\*\*\n \* Data API implementation\n \*/\n\nEventHandler.on(document, EVENT\_CLICK\_DATA\_API, SELECTOR\_DATA\_SLIDE, function (event) {\n const target = getElementFromSelector(this)\n\n if (!target || !target.classList.contains(CLASS\_NAME\_CAROUSEL)) {\n return\n }\n\n event.preventDefault()\n\n const carousel = Carousel.getOrCreateInstance(target)\n const slideIndex = this.getAttribute('data-bs-slide-to')\n\n if (slideIndex) {\n carousel.to(slideIndex)\n carousel.\_maybeEnableCycle()\n return\n }\n\n if (Manipulator.getDataAttribute(this, 'slide') === 'next') {\n carousel.next()\n carousel.\_maybeEnableCycle()\n return\n }\n\n carousel.prev()\n carousel.\_maybeEnableCycle()\n})\n\nEventHandler.on(window, EVENT\_LOAD\_DATA\_API, () => {\n const carousels = SelectorEngine.find(SELECTOR\_DATA\_RIDE)\n\n for (const carousel of carousels) {\n Carousel.getOrCreateInstance(carousel)\n }\n})\n\n/\*\*\n \* jQuery\n \*/\n\ndefineJQueryPlugin(Carousel)\n\nexport default Carousel\n"],"names":["NAME","DATA\_KEY","EVENT\_KEY","DATA\_API\_KEY","ARROW\_LEFT\_KEY","ARROW\_RIGHT\_KEY","TOUCHEVENT\_COMPAT\_WAIT","ORDER\_NEXT","ORDER\_PREV","DIRECTION\_LEFT","DIRECTION\_RIGHT","EVENT\_SLIDE","EVENT\_SLID","EVENT\_KEYDOWN","EVENT\_MOUSEENTER","EVENT\_MOUSELEAVE","EVENT\_DRAG\_START","EVENT\_LOAD\_DATA\_API","EVENT\_CLICK\_DATA\_API","CLASS\_NAME\_CAROUSEL","CLASS\_NAME\_ACTIVE","CLASS\_NAME\_SLIDE","CLASS\_NAME\_END","CLASS\_NAME\_START","CLASS\_NAME\_NEXT","CLASS\_NAME\_PREV","SELECTOR\_ACTIVE","SELECTOR\_ITEM","SELECTOR\_ACTIVE\_ITEM","SELECTOR\_ITEM\_IMG","SELECTOR\_INDICATORS","SELECTOR\_DATA\_SLIDE","SELECTOR\_DATA\_RIDE","KEY\_TO\_DIRECTION","Default","interval","keyboard","pause","ride","touch","wrap","DefaultType","Carousel","BaseComponent","constructor","element","config","\_interval","\_activeElement","\_isSliding","touchTimeout","\_swipeHelper","\_indicatorsElement","SelectorEngine","findOne","\_element","\_addEventListeners","\_config","cycle","next","\_slide","nextWhenVisible","document","hidden","isVisible","prev","triggerTransitionEnd","\_clearInterval","\_updateInterval","setInterval","\_maybeEnableCycle","EventHandler","one","to","index","items","\_getItems","length","activeIndex","\_getItemIndex","\_getActive","order","dispose","\_configAfterMerge","defaultInterval","on","event","\_keydown","Swipe","isSupported","\_addTouchEventListeners","img","find","preventDefault","endCallBack","clearTimeout","setTimeout","swipeConfig","leftCallback","\_directionToOrder","rightCallback","endCallback","test","target","tagName","direction","key","indexOf","\_setActiveIndicatorElement","activeIndicator","classList","remove","removeAttribute","newActiveIndicator","add","setAttribute","elementInterval","Number","parseInt","getAttribute","activeElement","isNext","nextElement","getNextActiveElement","nextElementIndex","triggerEvent","eventName","trigger","relatedTarget","\_orderToDirection","from","slideEvent","defaultPrevented","isCycling","Boolean","directionalClassName","orderClassName","reflow","completeCallBack","\_queueCallback","\_isAnimated","contains","clearInterval","isRTL","jQueryInterface","each","data","getOrCreateInstance","undefined","startsWith","TypeError","getElementFromSelector","carousel","slideIndex","Manipulator","getDataAttribute","window","carousels","defineJQueryPlugin"],"mappings":";;;;;;;;;;;;;;;;;;;EAAA;EACA;EACA;EACA;EACA;EACA;EAiBA;EACA;EACA;;EAEA,MAAMA,IAAI,GAAG,UAAb,CAAA;EACA,MAAMC,QAAQ,GAAG,aAAjB,CAAA;EACA,MAAMC,SAAS,GAAI,CAAGD,CAAAA,EAAAA,QAAS,CAA/B,CAAA,CAAA;EACA,MAAME,YAAY,GAAG,WAArB,CAAA;EAEA,MAAMC,cAAc,GAAG,WAAvB,CAAA;EACA,MAAMC,eAAe,GAAG,YAAxB,CAAA;EACA,MAAMC,sBAAsB,GAAG,GAA/B;;EAEA,MAAMC,UAAU,GAAG,MAAnB,CAAA;EACA,MAAMC,UAAU,GAAG,MAAnB,CAAA;EACA,MAAMC,cAAc,GAAG,MAAvB,CAAA;EACA,MAAMC,eAAe,GAAG,OAAxB,CAAA;EAEA,MAAMC,WAAW,GAAI,CAAOT,KAAAA,EAAAA,SAAU,CAAtC,CAAA,CAAA;EACA,MAAMU,UAAU,GAAI,CAAMV,IAAAA,EAAAA,SAAU,CAApC,CAAA,CAAA;EACA,MAAMW,aAAa,GAAI,CAASX,OAAAA,EAAAA,SAAU,CAA1C,CAAA,CAAA;EACA,MAAMY,gBAAgB,GAAI,CAAYZ,UAAAA,EAAAA,SAAU,CAAhD,CAAA,CAAA;EACA,MAAMa,gBAAgB,GAAI,CAAYb,UAAAA,EAAAA,SAAU,CAAhD,CAAA,CAAA;EACA,MAAMc,gBAAgB,GAAI,CAAWd,SAAAA,EAAAA,SAAU,CAA/C,CAAA,CAAA;EACA,MAAMe,mBAAmB,GAAI,CAAA,IAAA,EAAMf,SAAU,CAAA,EAAEC,YAAa,CAA5D,CAAA,CAAA;EACA,MAAMe,oBAAoB,GAAI,CAAA,KAAA,EAAOhB,SAAU,CAAA,EAAEC,YAAa,CAA9D,CAAA,CAAA;EAEA,MAAMgB,mBAAmB,GAAG,UAA5B,CAAA;EACA,MAAMC,iBAAiB,GAAG,QAA1B,CAAA;EACA,MAAMC,gBAAgB,GAAG,OAAzB,CAAA;EACA,MAAMC,cAAc,GAAG,mBAAvB,CAAA;EACA,MAAMC,gBAAgB,GAAG,qBAAzB,CAAA;EACA,MAAMC,eAAe,GAAG,oBAAxB,CAAA;EACA,MAAMC,eAAe,GAAG,oBAAxB,CAAA;EAEA,MAAMC,eAAe,GAAG,SAAxB,CAAA;EACA,MAAMC,aAAa,GAAG,gBAAtB,CAAA;EACA,MAAMC,oBAAoB,GAAGF,eAAe,GAAGC,aAA/C,CAAA;EACA,MAAME,iBAAiB,GAAG,oBAA1B,CAAA;EACA,MAAMC,mBAAmB,GAAG,sBAA5B,CAAA;EACA,MAAMC,mBAAmB,GAAG,qCAA5B,CAAA;EACA,MAAMC,kBAAkB,GAAG,2BAA3B,CAAA;EAEA,MAAMC,gBAAgB,GAAG;IACvB,CAAC7B,cAAD,GAAkBM,eADK;EAEvB,EAAA,CAACL,eAAD,GAAmBI,cAAAA;EAFI,CAAzB,CAAA;EAKA,MAAMyB,OAAO,GAAG;EACdC,EAAAA,QAAQ,EAAE,IADI;EAEdC,EAAAA,QAAQ,EAAE,IAFI;EAGdC,EAAAA,KAAK,EAAE,OAHO;EAIdC,EAAAA,IAAI,EAAE,KAJQ;EAKdC,EAAAA,KAAK,EAAE,IALO;EAMdC,EAAAA,IAAI,EAAE,IAAA;EANQ,CAAhB,CAAA;EASA,MAAMC,WAAW,GAAG;EAClBN,EAAAA,QAAQ,EAAE,kBADQ;EACY;EAC9BC,EAAAA,QAAQ,EAAE,SAFQ;EAGlBC,EAAAA,KAAK,EAAE,kBAHW;EAIlBC,EAAAA,IAAI,EAAE,kBAJY;EAKlBC,EAAAA,KAAK,EAAE,SALW;EAMlBC,EAAAA,IAAI,EAAE,SAAA;EANY,CAApB,CAAA;EASA;EACA;EACA;;EAEA,MAAME,QAAN,SAAuBC,8BAAvB,CAAqC;EACnCC,EAAAA,WAAW,CAACC,OAAD,EAAUC,MAAV,EAAkB;MAC3B,KAAMD,CAAAA,OAAN,EAAeC,MAAf,CAAA,CAAA;MAEA,IAAKC,CAAAA,SAAL,GAAiB,IAAjB,CAAA;MACA,IAAKC,CAAAA,cAAL,GAAsB,IAAtB,CAAA;MACA,IAAKC,CAAAA,UAAL,GAAkB,KAAlB,CAAA;MACA,IAAKC,CAAAA,YAAL,GAAoB,IAApB,CAAA;MACA,IAAKC,CAAAA,YAAL,GAAoB,IAApB,CAAA;MAEA,IAAKC,CAAAA,kBAAL,GAA0BC,+BAAc,CAACC,OAAf,CAAuBxB,mBAAvB,EAA4C,IAAKyB,CAAAA,QAAjD,CAA1B,CAAA;;EACA,IAAA,IAAA,CAAKC,kBAAL,EAAA,CAAA;;EAEA,IAAA,IAAI,KAAKC,OAAL,CAAanB,IAAb,KAAsBnB,mBAA1B,EAA+C;EAC7C,MAAA,IAAA,CAAKuC,KAAL,EAAA,CAAA;EACD,KAAA;EACF,GAhBkC;;;EAmBjB,EAAA,WAAPxB,OAAO,GAAG;EACnB,IAAA,OAAOA,OAAP,CAAA;EACD,GAAA;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