{"version":3,"file":"backdrop.js","sources":["../../src/util/backdrop.js"],"sourcesContent":["/\*\*\n \* --------------------------------------------------------------------------\n \* Bootstrap (v5.2.0): util/backdrop.js\n \* Licensed under MIT (https://github.com/twbs/bootstrap/blob/main/LICENSE)\n \* --------------------------------------------------------------------------\n \*/\n\nimport EventHandler from '../dom/event-handler'\nimport { execute, executeAfterTransition, getElement, reflow } from './index'\nimport Config from './config'\n\n/\*\*\n \* Constants\n \*/\n\nconst NAME = 'backdrop'\nconst CLASS\_NAME\_FADE = 'fade'\nconst CLASS\_NAME\_SHOW = 'show'\nconst EVENT\_MOUSEDOWN = `mousedown.bs.${NAME}`\n\nconst Default = {\n className: 'modal-backdrop',\n clickCallback: null,\n isAnimated: false,\n isVisible: true, // if false, we use the backdrop helper without adding any element to the dom\n rootElement: 'body' // give the choice to place backdrop under different elements\n}\n\nconst DefaultType = {\n className: 'string',\n clickCallback: '(function|null)',\n isAnimated: 'boolean',\n isVisible: 'boolean',\n rootElement: '(element|string)'\n}\n\n/\*\*\n \* Class definition\n \*/\n\nclass Backdrop extends Config {\n constructor(config) {\n super()\n this.\_config = this.\_getConfig(config)\n this.\_isAppended = false\n this.\_element = null\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 show(callback) {\n if (!this.\_config.isVisible) {\n execute(callback)\n return\n }\n\n this.\_append()\n\n const element = this.\_getElement()\n if (this.\_config.isAnimated) {\n reflow(element)\n }\n\n element.classList.add(CLASS\_NAME\_SHOW)\n\n this.\_emulateAnimation(() => {\n execute(callback)\n })\n }\n\n hide(callback) {\n if (!this.\_config.isVisible) {\n execute(callback)\n return\n }\n\n this.\_getElement().classList.remove(CLASS\_NAME\_SHOW)\n\n this.\_emulateAnimation(() => {\n this.dispose()\n execute(callback)\n })\n }\n\n dispose() {\n if (!this.\_isAppended) {\n return\n }\n\n EventHandler.off(this.\_element, EVENT\_MOUSEDOWN)\n\n this.\_element.remove()\n this.\_isAppended = false\n }\n\n // Private\n \_getElement() {\n if (!this.\_element) {\n const backdrop = document.createElement('div')\n backdrop.className = this.\_config.className\n if (this.\_config.isAnimated) {\n backdrop.classList.add(CLASS\_NAME\_FADE)\n }\n\n this.\_element = backdrop\n }\n\n return this.\_element\n }\n\n \_configAfterMerge(config) {\n // use getElement() with the default \"body\" to get a fresh Element on each instantiation\n config.rootElement = getElement(config.rootElement)\n return config\n }\n\n \_append() {\n if (this.\_isAppended) {\n return\n }\n\n const element = this.\_getElement()\n this.\_config.rootElement.append(element)\n\n EventHandler.on(element, EVENT\_MOUSEDOWN, () => {\n execute(this.\_config.clickCallback)\n })\n\n this.\_isAppended = true\n }\n\n \_emulateAnimation(callback) {\n executeAfterTransition(callback, this.\_getElement(), this.\_config.isAnimated)\n }\n}\n\nexport default Backdrop\n"],"names":["NAME","CLASS\_NAME\_FADE","CLASS\_NAME\_SHOW","EVENT\_MOUSEDOWN","Default","className","clickCallback","isAnimated","isVisible","rootElement","DefaultType","Backdrop","Config","constructor","config","\_config","\_getConfig","\_isAppended","\_element","show","callback","execute","\_append","element","\_getElement","reflow","classList","add","\_emulateAnimation","hide","remove","dispose","EventHandler","off","backdrop","document","createElement","\_configAfterMerge","getElement","append","on","executeAfterTransition"],"mappings":";;;;;;;;;;;;;;;;EAAA;EACA;EACA;EACA;EACA;EACA;EAMA;EACA;EACA;;EAEA,MAAMA,IAAI,GAAG,UAAb,CAAA;EACA,MAAMC,eAAe,GAAG,MAAxB,CAAA;EACA,MAAMC,eAAe,GAAG,MAAxB,CAAA;EACA,MAAMC,eAAe,GAAI,CAAeH,aAAAA,EAAAA,IAAK,CAA7C,CAAA,CAAA;EAEA,MAAMI,OAAO,GAAG;EACdC,EAAAA,SAAS,EAAE,gBADG;EAEdC,EAAAA,aAAa,EAAE,IAFD;EAGdC,EAAAA,UAAU,EAAE,KAHE;EAIdC,EAAAA,SAAS,EAAE,IAJG;EAIG;IACjBC,WAAW,EAAE,MALC;;EAAA,CAAhB,CAAA;EAQA,MAAMC,WAAW,GAAG;EAClBL,EAAAA,SAAS,EAAE,QADO;EAElBC,EAAAA,aAAa,EAAE,iBAFG;EAGlBC,EAAAA,UAAU,EAAE,SAHM;EAIlBC,EAAAA,SAAS,EAAE,SAJO;EAKlBC,EAAAA,WAAW,EAAE,kBAAA;EALK,CAApB,CAAA;EAQA;EACA;EACA;;EAEA,MAAME,QAAN,SAAuBC,uBAAvB,CAA8B;IAC5BC,WAAW,CAACC,MAAD,EAAS;EAClB,IAAA,KAAA,EAAA,CAAA;EACA,IAAA,IAAA,CAAKC,OAAL,GAAe,IAAA,CAAKC,UAAL,CAAgBF,MAAhB,CAAf,CAAA;MACA,IAAKG,CAAAA,WAAL,GAAmB,KAAnB,CAAA;MACA,IAAKC,CAAAA,QAAL,GAAgB,IAAhB,CAAA;EACD,GAN2B;;;EASV,EAAA,WAAPd,OAAO,GAAG;EACnB,IAAA,OAAOA,OAAP,CAAA;EACD,GAAA;;EAEqB,EAAA,WAAXM,WAAW,GAAG;EACvB,IAAA,OAAOA,WAAP,CAAA;EACD,GAAA;;EAEc,EAAA,WAAJV,IAAI,GAAG;EAChB,IAAA,OAAOA,IAAP,CAAA;EACD,GAnB2B;;;IAsB5BmB,IAAI,CAACC,QAAD,EAAW;EACb,IAAA,IAAI,CAAC,IAAA,CAAKL,OAAL,CAAaP,SAAlB,EAA6B;QAC3Ba,aAAO,CAACD,QAAD,CAAP,CAAA;EACA,MAAA,OAAA;EACD,KAAA;;EAED,IAAA,IAAA,CAAKE,OAAL,EAAA,CAAA;;EAEA,IAAA,MAAMC,OAAO,GAAG,IAAKC,CAAAA,WAAL,EAAhB,CAAA;;EACA,IAAA,IAAI,IAAKT,CAAAA,OAAL,CAAaR,UAAjB,EAA6B;QAC3BkB,YAAM,CAACF,OAAD,CAAN,CAAA;EACD,KAAA;;EAEDA,IAAAA,OAAO,CAACG,SAAR,CAAkBC,GAAlB,CAAsBzB,eAAtB,CAAA,CAAA;;MAEA,IAAK0B,CAAAA,iBAAL,CAAuB,MAAM;QAC3BP,aAAO,CAACD,QAAD,CAAP,CAAA;OADF,CAAA,CAAA;EAGD,GAAA;;IAEDS,IAAI,CAACT,QAAD,EAAW;EACb,IAAA,IAAI,CAAC,IAAA,CAAKL,OAAL,CAAaP,SAAlB,EAA6B;QAC3Ba,aAAO,CAACD,QAAD,CAAP,CAAA;EACA,MAAA,OAAA;EACD,KAAA;;EAED,IAAA,IAAA,CAAKI,WAAL,EAAmBE,CAAAA,SAAnB,CAA6BI,MAA7B,CAAoC5B,eAApC,CAAA,CAAA;;MAEA,IAAK0B,CAAAA,iBAAL,CAAuB,MAAM;EAC3B,MAAA,IAAA,CAAKG,OAAL,EAAA,CAAA;QACAV,aAAO,CAACD,QAAD,CAAP,CAAA;OAFF,CAAA,CAAA;EAID,GAAA;;EAEDW,EAAAA,OAAO,GAAG;MACR,IAAI,CAAC,IAAKd,CAAAA,WAAV,EAAuB;EACrB,MAAA,OAAA;EACD,KAAA;;EAEDe,IAAAA,6BAAY,CAACC,GAAb,CAAiB,IAAKf,CAAAA,QAAtB,EAAgCf,eAAhC,CAAA,CAAA;;MAEA,IAAKe,CAAAA,QAAL,CAAcY,MAAd,EAAA,CAAA;;MACA,IAAKb,CAAAA,WAAL,GAAmB,KAAnB,CAAA;EACD,GAjE2B;;;EAoE5BO,EAAAA,WAAW,GAAG;MACZ,IAAI,CAAC,IAAKN,CAAAA,QAAV,EAAoB;EAClB,MAAA,MAAMgB,QAAQ,GAAGC,QAAQ,CAACC,aAAT,CAAuB,KAAvB,CAAjB,CAAA;EACAF,MAAAA,QAAQ,CAAC7B,SAAT,GAAqB,IAAKU,CAAAA,OAAL,CAAaV,SAAlC,CAAA;;EACA,MAAA,IAAI,IAAKU,CAAAA,OAAL,CAAaR,UAAjB,EAA6B;EAC3B2B,QAAAA,QAAQ,CAACR,SAAT,CAAmBC,GAAnB,CAAuB1B,eAAvB,CAAA,CAAA;EACD,OAAA;;QAED,IAAKiB,CAAAA,QAAL,GAAgBgB,QAAhB,CAAA;EACD,KAAA;;EAED,IAAA,OAAO,KAAKhB,QAAZ,CAAA;EACD,GAAA;;IAEDmB,iBAAiB,CAACvB,MAAD,EAAS;EACxB;MACAA,MAAM,CAACL,WAAP,GAAqB6B,gBAAU,CAACxB,MAAM,CAACL,WAAR,CAA/B,CAAA;EACA,IAAA,OAAOK,MAAP,CAAA;EACD,GAAA;;EAEDQ,EAAAA,OAAO,GAAG;MACR,IAAI,IAAA,CAAKL,WAAT,EAAsB;EACpB,MAAA,OAAA;EACD,KAAA;;EAED,IAAA,MAAMM,OAAO,GAAG,IAAKC,CAAAA,WAAL,EAAhB,CAAA;;EACA,IAAA,IAAA,CAAKT,OAAL,CAAaN,WAAb,CAAyB8B,MAAzB,CAAgChB,OAAhC,CAAA,CAAA;;EAEAS,IAAAA,6BAAY,CAACQ,EAAb,CAAgBjB,OAAhB,EAAyBpB,eAAzB,EAA0C,MAAM;EAC9CkB,MAAAA,aAAO,CAAC,IAAA,CAAKN,OAAL,CAAaT,aAAd,CAAP,CAAA;OADF,CAAA,CAAA;MAIA,IAAKW,CAAAA,WAAL,GAAmB,IAAnB,CAAA;EACD,GAAA;;IAEDW,iBAAiB,CAACR,QAAD,EAAW;MAC1BqB,4BAAsB,CAACrB,QAAD,EAAW,IAAKI,CAAAA,WAAL,EAAX,EAA+B,IAAKT,CAAAA,OAAL,CAAaR,UAA5C,CAAtB,CAAA;EACD,GAAA;;EAzG2B;;;;;;;;"}