{"version":3,"file":"abort-controller.umd.js","sources":["../node\_modules/event-target-shim/dist/event-target-shim.mjs","../src/abort-signal.ts","../src/abort-controller.ts"],"sourcesContent":["/\*\*\n \* @author Toru Nagashima <https://github.com/mysticatea>\n \* @copyright 2015 Toru Nagashima. All rights reserved.\n \* See LICENSE file in root directory for full license.\n \*/\n/\*\*\n \* @typedef {object} PrivateData\n \* @property {EventTarget} eventTarget The event target.\n \* @property {{type:string}} event The original event object.\n \* @property {number} eventPhase The current event phase.\n \* @property {EventTarget|null} currentTarget The current event target.\n \* @property {boolean} canceled The flag to prevent default.\n \* @property {boolean} stopped The flag to stop propagation.\n \* @property {boolean} immediateStopped The flag to stop propagation immediately.\n \* @property {Function|null} passiveListener The listener if the current listener is passive. Otherwise this is null.\n \* @property {number} timeStamp The unix time.\n \* @private\n \*/\n\n/\*\*\n \* Private data for event wrappers.\n \* @type {WeakMap<Event, PrivateData>}\n \* @private\n \*/\nconst privateData = new WeakMap();\n\n/\*\*\n \* Cache for wrapper classes.\n \* @type {WeakMap<Object, Function>}\n \* @private\n \*/\nconst wrappers = new WeakMap();\n\n/\*\*\n \* Get private data.\n \* @param {Event} event The event object to get private data.\n \* @returns {PrivateData} The private data of the event.\n \* @private\n \*/\nfunction pd(event) {\n const retv = privateData.get(event);\n console.assert(\n retv != null,\n \"'this' is expected an Event object, but got\",\n event\n );\n return retv\n}\n\n/\*\*\n \* https://dom.spec.whatwg.org/#set-the-canceled-flag\n \* @param data {PrivateData} private data.\n \*/\nfunction setCancelFlag(data) {\n if (data.passiveListener != null) {\n if (\n typeof console !== \"undefined\" &&\n typeof console.error === \"function\"\n ) {\n console.error(\n \"Unable to preventDefault inside passive event listener invocation.\",\n data.passiveListener\n );\n }\n return\n }\n if (!data.event.cancelable) {\n return\n }\n\n data.canceled = true;\n if (typeof data.event.preventDefault === \"function\") {\n data.event.preventDefault();\n }\n}\n\n/\*\*\n \* @see https://dom.spec.whatwg.org/#interface-event\n \* @private\n \*/\n/\*\*\n \* The event wrapper.\n \* @constructor\n \* @param {EventTarget} eventTarget The event target of this dispatching.\n \* @param {Event|{type:string}} event The original event to wrap.\n \*/\nfunction Event(eventTarget, event) {\n privateData.set(this, {\n eventTarget,\n event,\n eventPhase: 2,\n currentTarget: eventTarget,\n canceled: false,\n stopped: false,\n immediateStopped: false,\n passiveListener: null,\n timeStamp: event.timeStamp || Date.now(),\n });\n\n // https://heycam.github.io/webidl/#Unforgeable\n Object.defineProperty(this, \"isTrusted\", { value: false, enumerable: true });\n\n // Define accessors\n const keys = Object.keys(event);\n for (let i = 0; i < keys.length; ++i) {\n const key = keys[i];\n if (!(key in this)) {\n Object.defineProperty(this, key, defineRedirectDescriptor(key));\n }\n }\n}\n\n// Should be enumerable, but class methods are not enumerable.\nEvent.prototype = {\n /\*\*\n \* The type of this event.\n \* @type {string}\n \*/\n get type() {\n return pd(this).event.type\n },\n\n /\*\*\n \* The target of this event.\n \* @type {EventTarget}\n \*/\n get target() {\n return pd(this).eventTarget\n },\n\n /\*\*\n \* The target of this event.\n \* @type {EventTarget}\n \*/\n get currentTarget() {\n return pd(this).currentTarget\n },\n\n /\*\*\n \* @returns {EventTarget[]} The composed path of this event.\n \*/\n composedPath() {\n const currentTarget = pd(this).currentTarget;\n if (currentTarget == null) {\n return []\n }\n return [currentTarget]\n },\n\n /\*\*\n \* Constant of NONE.\n \* @type {number}\n \*/\n get NONE() {\n return 0\n },\n\n /\*\*\n \* Constant of CAPTURING\_PHASE.\n \* @type {number}\n \*/\n get CAPTURING\_PHASE() {\n return 1\n },\n\n /\*\*\n \* Constant of AT\_TARGET.\n \* @type {number}\n \*/\n get AT\_TARGET() {\n return 2\n },\n\n /\*\*\n \* Constant of BUBBLING\_PHASE.\n \* @type {number}\n \*/\n get BUBBLING\_PHASE() {\n return 3\n },\n\n /\*\*\n \* The target of this event.\n \* @type {number}\n \*/\n get eventPhase() {\n return pd(this).eventPhase\n },\n\n /\*\*\n \* Stop event bubbling.\n \* @returns {void}\n \*/\n stopPropagation() {\n const data = pd(this);\n\n data.stopped = true;\n if (typeof data.event.stopPropagation === \"function\") {\n data.event.stopPropagation();\n }\n },\n\n /\*\*\n \* Stop event bubbling.\n \* @returns {void}\n \*/\n stopImmediatePropagation() {\n const data = pd(this);\n\n data.stopped = true;\n data.immediateStopped = true;\n if (typeof data.event.stopImmediatePropagation === \"function\") {\n data.event.stopImmediatePropagation();\n }\n },\n\n /\*\*\n \* The flag to be bubbling.\n \* @type {boolean}\n \*/\n get bubbles() {\n return Boolean(pd(this).event.bubbles)\n },\n\n /\*\*\n \* The flag to be cancelable.\n \* @type {boolean}\n \*/\n get cancelable() {\n return Boolean(pd(this).event.cancelable)\n },\n\n /\*\*\n \* Cancel this event.\n \* @returns {void}\n \*/\n preventDefault() {\n setCancelFlag(pd(this));\n },\n\n /\*\*\n \* The flag to indicate cancellation state.\n \* @type {boolean}\n \*/\n get defaultPrevented() {\n return pd(this).canceled\n },\n\n /\*\*\n \* The flag to be composed.\n \* @type {boolean}\n \*/\n get composed() {\n return Boolean(pd(this).event.composed)\n },\n\n /\*\*\n \* The unix time of this event.\n \* @type {number}\n \*/\n get timeStamp() {\n return pd(this).timeStamp\n },\n\n /\*\*\n \* The target of this event.\n \* @type {EventTarget}\n \* @deprecated\n \*/\n get srcElement() {\n return pd(this).eventTarget\n },\n\n /\*\*\n \* The flag to stop event bubbling.\n \* @type {boolean}\n \* @deprecated\n \*/\n get cancelBubble() {\n return pd(this).stopped\n },\n set cancelBubble(value) {\n if (!value) {\n return\n }\n const data = pd(this);\n\n data.stopped = true;\n if (typeof data.event.cancelBubble === \"boolean\") {\n data.event.cancelBubble = true;\n }\n },\n\n /\*\*\n \* The flag to indicate cancellation state.\n \* @type {boolean}\n \* @deprecated\n \*/\n get returnValue() {\n return !pd(this).canceled\n },\n set returnValue(value) {\n if (!value) {\n setCancelFlag(pd(this));\n }\n },\n\n /\*\*\n \* Initialize this event object. But do nothing under event dispatching.\n \* @param {string} type The event type.\n \* @param {boolean} [bubbles=false] The flag to be possible to bubble up.\n \* @param {boolean} [cancelable=false] The flag to be possible to cancel.\n \* @deprecated\n \*/\n initEvent() {\n // Do nothing.\n },\n};\n\n// `constructor` is not enumerable.\nObject.defineProperty(Event.prototype, \"constructor\", {\n value: Event,\n configurable: true,\n writable: true,\n});\n\n// Ensure `event instanceof window.Event` is `true`.\nif (typeof window !== \"undefined\" && typeof window.Event !== \"undefined\") {\n Object.setPrototypeOf(Event.prototype, window.Event.prototype);\n\n // Make association for wrappers.\n wrappers.set(window.Event.prototype, Event);\n}\n\n/\*\*\n \* Get the property descriptor to redirect a given property.\n \* @param {string} key Property name to define property descriptor.\n \* @returns {PropertyDescriptor} The property descriptor to redirect the property.\n \* @private\n \*/\nfunction defineRedirectDescriptor(key) {\n return {\n get() {\n return pd(this).event[key]\n },\n set(value) {\n pd(this).event[key] = value;\n },\n configurable: true,\n enumerable: true,\n }\n}\n\n/\*\*\n \* Get the property descriptor to call a given method property.\n \* @param {string} key Property name to define property descriptor.\n \* @returns {PropertyDescriptor} The property descriptor to call the method property.\n \* @private\n \*/\nfunction defineCallDescriptor(key) {\n return {\n value() {\n const event = pd(this).event;\n return event[key].apply(event, arguments)\n },\n configurable: true,\n enumerable: true,\n }\n}\n\n/\*\*\n \* Define new wrapper class.\n \* @param {Function} BaseEvent The base wrapper class.\n \* @param {Object} proto The prototype of the original event.\n \* @returns {Function} The defined wrapper class.\n \* @private\n \*/\nfunction defineWrapper(BaseEvent, proto) {\n const keys = Object.keys(proto);\n if (keys.length === 0) {\n return BaseEvent\n }\n\n /\*\* CustomEvent \*/\n function CustomEvent(eventTarget, event) {\n BaseEvent.call(this, eventTarget, event);\n }\n\n CustomEvent.prototype = Object.create(BaseEvent.prototype, {\n constructor: { value: CustomEvent, configurable: true, writable: true },\n });\n\n // Define accessors.\n for (let i = 0; i < keys.length; ++i) {\n const key = keys[i];\n if (!(key in BaseEvent.prototype)) {\n const descriptor = Object.getOwnPropertyDescriptor(proto, key);\n const isFunc = typeof descriptor.value === \"function\";\n Object.defineProperty(\n CustomEvent.prototype,\n key,\n isFunc\n ? defineCallDescriptor(key)\n : defineRedirectDescriptor(key)\n );\n }\n }\n\n return CustomEvent\n}\n\n/\*\*\n \* Get the wrapper class of a given prototype.\n \* @param {Object} proto The prototype of the original event to get its wrapper.\n \* @returns {Function} The wrapper class.\n \* @private\n \*/\nfunction getWrapper(proto) {\n if (proto == null || proto === Object.prototype) {\n return Event\n }\n\n let wrapper = wrappers.get(proto);\n if (wrapper == null) {\n wrapper = defineWrapper(getWrapper(Object.getPrototypeOf(proto)), proto);\n wrappers.set(proto, wrapper);\n }\n return wrapper\n}\n\n/\*\*\n \* Wrap a given event to management a dispatching.\n \* @param {EventTarget} eventTarget The event target of this dispatching.\n \* @param {Object} event The event to wrap.\n \* @returns {Event} The wrapper instance.\n \* @private\n \*/\nfunction wrapEvent(eventTarget, event) {\n const Wrapper = getWrapper(Object.getPrototypeOf(event));\n return new Wrapper(eventTarget, event)\n}\n\n/\*\*\n \* Get the immediateStopped flag of a given event.\n \* @param {Event} event The event to get.\n \* @returns {boolean} The flag to stop propagation immediately.\n \* @private\n \*/\nfunction isStopped(event) {\n return pd(event).immediateStopped\n}\n\n/\*\*\n \* Set the current event phase of a given event.\n \* @param {Event} event The event to set current target.\n \* @param {number} eventPhase New event phase.\n \* @returns {void}\n \* @private\n \*/\nfunction setEventPhase(event, eventPhase) {\n pd(event).eventPhase = eventPhase;\n}\n\n/\*\*\n \* Set the current target of a given event.\n \* @param {Event} event The event to set current target.\n \* @param {EventTarget|null} currentTarget New current target.\n \* @returns {void}\n \* @private\n \*/\nfunction setCurrentTarget(event, currentTarget) {\n pd(event).currentTarget = currentTarget;\n}\n\n/\*\*\n \* Set a passive listener of a given event.\n \* @param {Event} event The event to set current target.\n \* @param {Function|null} passiveListener New passive listener.\n \* @returns {void}\n \* @private\n \*/\nfunction setPassiveListener(event, passiveListener) {\n pd(event).passiveListener = passiveListener;\n}\n\n/\*\*\n \* @typedef {object} ListenerNode\n \* @property {Function} listener\n \* @property {1|2|3} listenerType\n \* @property {boolean} passive\n \* @property {boolean} once\n \* @property {ListenerNode|null} next\n \* @private\n \*/\n\n/\*\*\n \* @type {WeakMap<object, Map<string, ListenerNode>>}\n \* @private\n \*/\nconst listenersMap = new WeakMap();\n\n// Listener types\nconst CAPTURE = 1;\nconst BUBBLE = 2;\nconst ATTRIBUTE = 3;\n\n/\*\*\n \* Check whether a given value is an object or not.\n \* @param {any} x The value to check.\n \* @returns {boolean} `true` if the value is an object.\n \*/\nfunction isObject(x) {\n return x !== null && typeof x === \"object\" //eslint-disable-line no-restricted-syntax\n}\n\n/\*\*\n \* Get listeners.\n \* @param {EventTarget} eventTarget The event target to get.\n \* @returns {Map<string, ListenerNode>} The listeners.\n \* @private\n \*/\nfunction getListeners(eventTarget) {\n const listeners = listenersMap.get(eventTarget);\n if (listeners == null) {\n throw new TypeError(\n \"'this' is expected an EventTarget object, but got another value.\"\n )\n }\n return listeners\n}\n\n/\*\*\n \* Get the property descriptor for the event attribute of a given event.\n \* @param {string} eventName The event name to get property descriptor.\n \* @returns {PropertyDescriptor} The property descriptor.\n \* @private\n \*/\nfunction defineEventAttributeDescriptor(eventName) {\n return {\n get() {\n const listeners = getListeners(this);\n let node = listeners.get(eventName);\n while (node != null) {\n if (node.listenerType === ATTRIBUTE) {\n return node.listener\n }\n node = node.next;\n }\n return null\n },\n\n set(listener) {\n if (typeof listener !== \"function\" && !isObject(listener)) {\n listener = null; // eslint-disable-line no-param-reassign\n }\n const listeners = getListeners(this);\n\n // Traverse to the tail while removing old value.\n let prev = null;\n let node = listeners.get(eventName);\n while (node != null) {\n if (node.listenerType === ATTRIBUTE) {\n // Remove old value.\n if (prev !== null) {\n prev.next = node.next;\n } else if (node.next !== null) {\n listeners.set(eventName, node.next);\n } else {\n listeners.delete(eventName);\n }\n } else {\n prev = node;\n }\n\n node = node.next;\n }\n\n // Add new value.\n if (listener !== null) {\n const newNode = {\n listener,\n listenerType: ATTRIBUTE,\n passive: false,\n once: false,\n next: null,\n };\n if (prev === null) {\n listeners.set(eventName, newNode);\n } else {\n prev.next = newNode;\n }\n }\n },\n configurable: true,\n enumerable: true,\n }\n}\n\n/\*\*\n \* Define an event attribute (e.g. `eventTarget.onclick`).\n \* @param {Object} eventTargetPrototype The event target prototype to define an event attrbite.\n \* @param {string} eventName The event name to define.\n \* @returns {void}\n \*/\nfunction defineEventAttribute(eventTargetPrototype, eventName) {\n Object.defineProperty(\n eventTargetPrototype,\n `on${eventName}`,\n defineEventAttributeDescriptor(eventName)\n );\n}\n\n/\*\*\n \* Define a custom EventTarget with event attributes.\n \* @param {string[]} eventNames Event names for event attributes.\n \* @returns {EventTarget} The custom EventTarget.\n \* @private\n \*/\nfunction defineCustomEventTarget(eventNames) {\n /\*\* CustomEventTarget \*/\n function CustomEventTarget() {\n EventTarget.call(this);\n }\n\n CustomEventTarget.prototype = Object.create(EventTarget.prototype, {\n constructor: {\n value: CustomEventTarget,\n configurable: true,\n writable: true,\n },\n });\n\n for (let i = 0; i < eventNames.length; ++i) {\n defineEventAttribute(CustomEventTarget.prototype, eventNames[i]);\n }\n\n return CustomEventTarget\n}\n\n/\*\*\n \* EventTarget.\n \*\n \* - This is constructor if no arguments.\n \* - This is a function which returns a CustomEventTarget constructor if there are arguments.\n \*\n \* For example:\n \*\n \* class A extends EventTarget {}\n \* class B extends EventTarget(\"message\") {}\n \* class C extends EventTarget(\"message\", \"error\") {}\n \* class D extends EventTarget([\"message\", \"error\"]) {}\n \*/\nfunction EventTarget() {\n /\*eslint-disable consistent-return \*/\n if (this instanceof EventTarget) {\n listenersMap.set(this, new Map());\n return\n }\n if (arguments.length === 1 && Array.isArray(arguments[0])) {\n return defineCustomEventTarget(arguments[0])\n }\n if (arguments.length > 0) {\n const types = new Array(arguments.length);\n for (let i = 0; i < arguments.length; ++i) {\n types[i] = arguments[i];\n }\n return defineCustomEventTarget(types)\n }\n throw new TypeError(\"Cannot call a class as a function\")\n /\*eslint-enable consistent-return \*/\n}\n\n// Should be enumerable, but class methods are not enumerable.\nEventTarget.prototype = {\n /\*\*\n \* Add a given listener to this event target.\n \* @param {string} eventName The event name to add.\n \* @param {Function} listener The listener to add.\n \* @param {boolean|{capture?:boolean,passive?:boolean,once?:boolean}} [options] The options for this listener.\n \* @returns {void}\n \*/\n addEventListener(eventName, listener, options) {\n if (listener == null) {\n return\n }\n if (typeof listener !== \"function\" && !isObject(listener)) {\n throw new TypeError(\"'listener' should be a function or an object.\")\n }\n\n const listeners = getListeners(this);\n const optionsIsObj = isObject(options);\n const capture = optionsIsObj\n ? Boolean(options.capture)\n : Boolean(options);\n const listenerType = capture ? CAPTURE : BUBBLE;\n const newNode = {\n listener,\n listenerType,\n passive: optionsIsObj && Boolean(options.passive),\n once: optionsIsObj && Boolean(options.once),\n next: null,\n };\n\n // Set it as the first node if the first node is null.\n let node = listeners.get(eventName);\n if (node === undefined) {\n listeners.set(eventName, newNode);\n return\n }\n\n // Traverse to the tail while checking duplication..\n let prev = null;\n while (node != null) {\n if (\n node.listener === listener &&\n node.listenerType === listenerType\n ) {\n // Should ignore duplication.\n return\n }\n prev = node;\n node = node.next;\n }\n\n // Add it.\n prev.next = newNode;\n },\n\n /\*\*\n \* Remove a given listener from this event target.\n \* @param {string} eventName The event name to remove.\n \* @param {Function} listener The listener to remove.\n \* @param {boolean|{capture?:boolean,passive?:boolean,once?:boolean}} [options] The options for this listener.\n \* @returns {void}\n \*/\n removeEventListener(eventName, listener, options) {\n if (listener == null) {\n return\n }\n\n const listeners = getListeners(this);\n const capture = isObject(options)\n ? Boolean(options.capture)\n : Boolean(options);\n const listenerType = capture ? CAPTURE : BUBBLE;\n\n let prev = null;\n let node = listeners.get(eventName);\n while (node != null) {\n if (\n node.listener === listener &&\n node.listenerType === listenerType\n ) {\n if (prev !== null) {\n prev.next = node.next;\n } else if (node.next !== null) {\n listeners.set(eventName, node.next);\n } else {\n listeners.delete(eventName);\n }\n return\n }\n\n prev = node;\n node = node.next;\n }\n },\n\n /\*\*\n \* Dispatch a given event.\n \* @param {Event|{type:string}} event The event to dispatch.\n \* @returns {boolean} `false` if canceled.\n \*/\n dispatchEvent(event) {\n if (event == null || typeof event.type !== \"string\") {\n throw new TypeError('\"event.type\" should be a string.')\n }\n\n // If listeners aren't registered, terminate.\n const listeners = getListeners(this);\n const eventName = event.type;\n let node = listeners.get(eventName);\n if (node == null) {\n return true\n }\n\n // Since we cannot rewrite several properties, so wrap object.\n const wrappedEvent = wrapEvent(this, event);\n\n // This doesn't process capturing phase and bubbling phase.\n // This isn't participating in a tree.\n let prev = null;\n while (node != null) {\n // Remove this listener if it's once\n if (node.once) {\n if (prev !== null) {\n prev.next = node.next;\n } else if (node.next !== null) {\n listeners.set(eventName, node.next);\n } else {\n listeners.delete(eventName);\n }\n } else {\n prev = node;\n }\n\n // Call this listener\n setPassiveListener(\n wrappedEvent,\n node.passive ? node.listener : null\n );\n if (typeof node.listener === \"function\") {\n try {\n node.listener.call(this, wrappedEvent);\n } catch (err) {\n if (\n typeof console !== \"undefined\" &&\n typeof console.error === \"function\"\n ) {\n console.error(err);\n }\n }\n } else if (\n node.listenerType !== ATTRIBUTE &&\n typeof node.listener.handleEvent === \"function\"\n ) {\n node.listener.handleEvent(wrappedEvent);\n }\n\n // Break if `event.stopImmediatePropagation` was called.\n if (isStopped(wrappedEvent)) {\n break\n }\n\n node = node.next;\n }\n setPassiveListener(wrappedEvent, null);\n setEventPhase(wrappedEvent, 0);\n setCurrentTarget(wrappedEvent, null);\n\n return !wrappedEvent.defaultPrevented\n },\n};\n\n// `constructor` is not enumerable.\nObject.defineProperty(EventTarget.prototype, \"constructor\", {\n value: EventTarget,\n configurable: true,\n writable: true,\n});\n\n// Ensure `eventTarget instanceof window.EventTarget` is `true`.\nif (\n typeof window !== \"undefined\" &&\n typeof window.EventTarget !== \"undefined\"\n) {\n Object.setPrototypeOf(EventTarget.prototype, window.EventTarget.prototype);\n}\n\nexport default EventTarget;\nexport { defineEventAttribute, EventTarget };\n//# sourceMappingURL=event-target-shim.mjs.map\n","import {\n // Event,\n EventTarget,\n // Type,\n defineEventAttribute,\n} from \"event-target-shim\"\n\n// Known Limitation\n// Use `any` because the type of `AbortSignal` in `lib.dom.d.ts` is wrong and\n// to make assignable our `AbortSignal` into that.\n// https://github.com/Microsoft/TSJS-lib-generator/pull/623\ntype Events = {\n abort: any // Event & Type<\"abort\">\n}\ntype EventAttributes = {\n onabort: any // Event & Type<\"abort\">\n}\n\n/\*\*\n \* The signal class.\n \* @see https://dom.spec.whatwg.org/#abortsignal\n \*/\nexport default class AbortSignal extends EventTarget<Events, EventAttributes> {\n /\*\*\n \* AbortSignal cannot be constructed directly.\n \*/\n public constructor() {\n super()\n throw new TypeError(\"AbortSignal cannot be constructed directly\")\n }\n\n /\*\*\n \* Returns `true` if this `AbortSignal`'s `AbortController` has signaled to abort, and `false` otherwise.\n \*/\n public get aborted(): boolean {\n const aborted = abortedFlags.get(this)\n if (typeof aborted !== \"boolean\") {\n throw new TypeError(\n `Expected 'this' to be an 'AbortSignal' object, but got ${\n this === null ? \"null\" : typeof this\n }`,\n )\n }\n return aborted\n }\n}\ndefineEventAttribute(AbortSignal.prototype, \"abort\")\n\n/\*\*\n \* Create an AbortSignal object.\n \*/\nexport function createAbortSignal(): AbortSignal {\n const signal = Object.create(AbortSignal.prototype)\n EventTarget.call(signal)\n abortedFlags.set(signal, false)\n return signal\n}\n\n/\*\*\n \* Abort a given signal.\n \*/\nexport function abortSignal(signal: AbortSignal): void {\n if (abortedFlags.get(signal) !== false) {\n return\n }\n\n abortedFlags.set(signal, true)\n signal.dispatchEvent<\"abort\">({ type: \"abort\" })\n}\n\n/\*\*\n \* Aborted flag for each instances.\n \*/\nconst abortedFlags = new WeakMap<AbortSignal, boolean>()\n\n// Properties should be enumerable.\nObject.defineProperties(AbortSignal.prototype, {\n aborted: { enumerable: true },\n})\n\n// `toString()` should return `\"[object AbortSignal]\"`\nif (typeof Symbol === \"function\" && typeof Symbol.toStringTag === \"symbol\") {\n Object.defineProperty(AbortSignal.prototype, Symbol.toStringTag, {\n configurable: true,\n value: \"AbortSignal\",\n })\n}\n","import AbortSignal, { abortSignal, createAbortSignal } from \"./abort-signal\"\n\n/\*\*\n \* The AbortController.\n \* @see https://dom.spec.whatwg.org/#abortcontroller\n \*/\nexport default class AbortController {\n /\*\*\n \* Initialize this controller.\n \*/\n public constructor() {\n signals.set(this, createAbortSignal())\n }\n\n /\*\*\n \* Returns the `AbortSignal` object associated with this object.\n \*/\n public get signal(): AbortSignal {\n return getSignal(this)\n }\n\n /\*\*\n \* Abort and signal to any observers that the associated activity is to be aborted.\n \*/\n public abort(): void {\n abortSignal(getSignal(this))\n }\n}\n\n/\*\*\n \* Associated signals.\n \*/\nconst signals = new WeakMap<AbortController, AbortSignal>()\n\n/\*\*\n \* Get the associated signal of a given controller.\n \*/\nfunction getSignal(controller: AbortController): AbortSignal {\n const signal = signals.get(controller)\n if (signal == null) {\n throw new TypeError(\n `Expected 'this' to be an 'AbortController' object, but got ${\n controller === null ? \"null\" : typeof controller\n }`,\n )\n }\n return signal\n}\n\n// Properties should be enumerable.\nObject.defineProperties(AbortController.prototype, {\n signal: { enumerable: true },\n abort: { enumerable: true },\n})\n\nif (typeof Symbol === \"function\" && typeof Symbol.toStringTag === \"symbol\") {\n Object.defineProperty(AbortController.prototype, Symbol.toStringTag, {\n configurable: true,\n value: \"AbortController\",\n })\n}\n\nexport { AbortController, AbortSignal }\n"],"names":["pd","event","retv","privateData","get","console","assert","setCancelFlag","data","passiveListener","cancelable","canceled","preventDefault","error","Event","eventTarget","set","eventPhase","currentTarget","stopped","immediateStopped","timeStamp","Date","now","Object","defineProperty","value","enumerable","key","keys","i","length","defineRedirectDescriptor","configurable","defineCallDescriptor","apply","arguments","defineWrapper","BaseEvent","proto","CustomEvent","call","prototype","create","constructor","writable","descriptor","getOwnPropertyDescriptor","isFunc","getWrapper","wrapper","wrappers","getPrototypeOf","wrapEvent","Wrapper","isStopped","setEventPhase","setCurrentTarget","setPassiveListener","createAbortSignal","signal","AbortSignal","EventTarget","abortedFlags","abortSignal","dispatchEvent","type","getSignal","controller","signals","TypeError","WeakMap","target","composedPath","NONE","CAPTURING\_PHASE","AT\_TARGET","BUBBLING\_PHASE","stopPropagation","stopImmediatePropagation","bubbles","defaultPrevented","composed","srcElement","cancelBubble","returnValue","initEvent","window","setPrototypeOf","aborted","defineEventAttribute","defineProperties","Symbol","\_typeof","toStringTag","AbortController","abort"],"mappings":";;;+3CAkCA,QAASA,CAAAA,CAAT,CAAYC,CAAZ,CAAmB,IACTC,CAAAA,CAAI,CAAGC,CAAW,CAACC,GAAZ,CAAgBH,CAAhB,QACbI,CAAAA,OAAO,CAACC,MAAR,CACY,IAAR,EAAAJ,CADJ,CAEI,6CAFJ,CAGID,CAHJ,EAKOC,EAOX,QAASK,CAAAA,CAAT,CAAuBC,CAAvB,CAA6B,OACG,KAAxB,EAAAA,CAAI,CAACC,eADgB,MAarB,CAACD,CAAI,CAACP,KAAL,CAAWS,UAbS,GAiBzBF,CAAI,CAACG,QAAL,GAjByB,CAkBgB,UAArC,QAAOH,CAAAA,CAAI,CAACP,KAAL,CAAWW,cAlBG,EAmBrBJ,CAAI,CAACP,KAAL,CAAWW,cAAX,EAnBqB,QAGE,WAAnB,QAAOP,CAAAA,OAAP,EACyB,UAAzB,QAAOA,CAAAA,OAAO,CAACQ,KAJE,EAMjBR,OAAO,CAACQ,KAAR,CACI,oEADJ,CAEIL,CAAI,CAACC,eAFT,CANiB,EAiC7B,QAASK,CAAAA,CAAT,CAAeC,CAAf,CAA4Bd,CAA5B,CAAmC,CAC/BE,CAAW,CAACa,GAAZ,CAAgB,IAAhB,CAAsB,CAClBD,WAAW,CAAXA,CADkB,CAElBd,KAAK,CAALA,CAFkB,CAGlBgB,UAAU,CAAE,CAHM,CAIlBC,aAAa,CAAEH,CAJG,CAKlBJ,QAAQ,GALU,CAMlBQ,OAAO,GANW,CAOlBC,gBAAgB,GAPE,CAQlBX,eAAe,CAAE,IARC,CASlBY,SAAS,CAAEpB,CAAK,CAACoB,SAAN,EAAmBC,IAAI,CAACC,GAAL,EATZ,CAAtB,CAD+B,CAc/BC,MAAM,CAACC,cAAP,CAAsB,IAAtB,CAA4B,WAA5B,CAAyC,CAAEC,KAAK,GAAP,CAAgBC,UAAU,GAA1B,CAAzC,CAd+B,QAmBrBC,CAAAA,EAFJC,CAAI,CAAGL,MAAM,CAACK,IAAP,CAAY5B,CAAZ,EACJ6B,CAAC,CAAG,EAAGA,CAAC,CAAGD,CAAI,CAACE,OAAQ,EAAED,EACzBF,EAAMC,CAAI,CAACC,CAAD,EACVF,CAAG,GAAI,OACTJ,MAAM,CAACC,cAAP,CAAsB,IAAtB,CAA4BG,CAA5B,CAAiCI,CAAwB,CAACJ,CAAD,CAAzD,EAyOZ,QAASI,CAAAA,CAAT,CAAkCJ,CAAlC,CAAuC,OAC5B,CACHxB,GADG,WACG,OACKJ,CAAAA,CAAE,CAAC,IAAD,CAAF,CAASC,KAAT,CAAe2B,CAAf,CAFR,CAAA,CAIHZ,GAJG,UAICU,EAAO,CACP1B,CAAE,CAAC,IAAD,CAAF,CAASC,KAAT,CAAe2B,CAAf,EAAsBF,CALvB,CAAA,CAOHO,YAAY,GAPT,CAQHN,UAAU,GARP,EAkBX,QAASO,CAAAA,CAAT,CAA8BN,CAA9B,CAAmC,OACxB,CACHF,KADG,WACK,IACEzB,CAAAA,CAAK,CAAGD,CAAE,CAAC,IAAD,CAAF,CAASC,YAChBA,CAAAA,CAAK,CAAC2B,CAAD,CAAL,CAAWO,KAAX,CAAiBlC,CAAjB,CAAwBmC,SAAxB,CAHR,CAAA,CAKHH,YAAY,GALT,CAMHN,UAAU,GANP,EAiBX,QAASU,CAAAA,CAAT,CAAuBC,CAAvB,CAAkCC,CAAlC,CAAyC,SAO5BC,CAAAA,EAAYzB,EAAad,EAAO,CACrCqC,CAAS,CAACG,IAAV,CAAe,IAAf,CAAqB1B,CAArB,CAAkCd,CAAlC,KAPE4B,CAAAA,CAAI,CAAGL,MAAM,CAACK,IAAP,CAAYU,CAAZ,KACO,CAAhB,GAAAV,CAAI,CAACE,aACEO,CAAAA,EAQXE,CAAW,CAACE,SAAZ,CAAwBlB,MAAM,CAACmB,MAAP,CAAcL,CAAS,CAACI,SAAxB,CAAmC,CACvDE,WAAW,CAAE,CAAElB,KAAK,CAAEc,CAAT,CAAsBP,YAAY,GAAlC,CAA0CY,QAAQ,GAAlD,CAD0C,CAAnC,CAXa,KAgBhC,GACKjB,CAAAA,CADL,CAAIE,CAAC,CAAG,EAAGA,CAAC,CAAGD,CAAI,CAACE,OAAQ,EAAED,KACzBF,EAAMC,CAAI,CAACC,CAAD,EACZ,EAAEF,CAAG,GAAIU,CAAAA,CAAS,CAACI,SAAnB,EAA+B,IACzBI,CAAAA,CAAU,CAAGtB,MAAM,CAACuB,wBAAP,CAAgCR,CAAhC,CAAuCX,CAAvC,CADY,CAEzBoB,CAAM,CAA+B,UAA5B,QAAOF,CAAAA,CAAU,CAACpB,KAFF,CAG/BF,MAAM,CAACC,cAAP,CACIe,CAAW,CAACE,SADhB,CAEId,CAFJ,CAGIoB,CAAM,CACAd,CAAoB,CAACN,CAAD,CADpB,CAEAI,CAAwB,CAACJ,CAAD,CALlC,QAUDY,CAAAA,EASX,QAASS,CAAAA,CAAT,CAAoBV,CAApB,CAA2B,IACV,IAAT,EAAAA,CAAK,EAAYA,CAAK,GAAKf,MAAM,CAACkB,gBAC3B5B,CAAAA,KAGPoC,CAAAA,CAAO,CAAGC,CAAQ,CAAC/C,GAAT,CAAamC,CAAb,QACC,KAAX,EAAAW,IACAA,CAAO,CAAGb,CAAa,CAACY,CAAU,CAACzB,MAAM,CAAC4B,cAAP,CAAsBb,CAAtB,CAAD,CAAX,CAA2CA,CAA3C,EACvBY,CAAQ,CAACnC,GAAT,CAAauB,CAAb,CAAoBW,CAApB,GAEGA,EAUJ,QAASG,CAAAA,CAAT,CAAmBtC,CAAnB,CAAgCd,CAAhC,CAAuC,IACpCqD,CAAAA,CAAO,CAAGL,CAAU,CAACzB,MAAM,CAAC4B,cAAP,CAAsBnD,CAAtB,CAAD,QACnB,IAAIqD,CAAAA,CAAJ,CAAYvC,CAAZ,CAAyBd,CAAzB,EASJ,QAASsD,CAAAA,CAAT,CAAmBtD,CAAnB,CAA0B,OACtBD,CAAAA,CAAE,CAACC,CAAD,CAAF,CAAUmB,iBAUd,QAASoC,CAAAA,CAAT,CAAuBvD,CAAvB,CAA8BgB,CAA9B,CAA0C,CAC7CjB,CAAE,CAACC,CAAD,CAAF,CAAUgB,UAAV,CAAuBA,EAUpB,QAASwC,CAAAA,CAAT,CAA0BxD,CAA1B,CAAiCiB,CAAjC,CAAgD,CACnDlB,CAAE,CAACC,CAAD,CAAF,CAAUiB,aAAV,CAA0BA,EAUvB,QAASwC,CAAAA,CAAT,CAA4BzD,CAA5B,CAAmCQ,CAAnC,CAAoD,CACvDT,CAAE,CAACC,CAAD,CAAF,CAAUQ,eAAV,CAA4BA,ysCC1ahBkD,CAAAA,OACNC,CAAAA,CAAM,CAAGpC,MAAM,CAACmB,MAAPnB,CAAcqC,CAAW,CAACnB,SAA1BlB,QACfsC,CAAAA,CAAW,CAACrB,IAAZqB,CAAiBF,CAAjBE,EACAC,CAAY,CAAC/C,GAAb+C,CAAiBH,CAAjBG,KACOH,UAMKI,CAAAA,EAAYJ,GACpBG,KAAAA,CAAY,CAAC3D,GAAb2D,CAAiBH,CAAjBG,IAIJA,CAAY,CAAC/C,GAAb+C,CAAiBH,CAAjBG,KACAH,CAAM,CAACK,aAAPL,CAA8B,CAAEM,IAAI,CAAE,OAAR,CAA9BN,GC9BJ,QAASO,CAAAA,CAAT,CAAmBC,CAAnB,KACUR,CAAAA,CAAM,CAAGS,CAAO,CAACjE,GAARiE,CAAYD,CAAZC,KACD,IAAVT,EAAAA,OACM,IAAIU,CAAAA,SAAJ,sEAEiB,IAAfF,GAAAA,CAAU,CAAY,MAAZ,GAA4BA,GAFxC,QAMHR,CAAAA,KF3BLzD,CAAAA,CAAW,CAAG,GAAIoE,CAAAA,QAOlBpB,CAAQ,CAAG,GAAIoB,CAAAA,QAkFrBzD,CAAK,CAAC4B,SAAN,CAAkB,IAKVwB,CAAAA,MAAO,OACAlE,CAAAA,CAAE,CAAC,IAAD,CAAF,CAASC,KAAT,CAAeiE,IANZ,CAAA,IAaVM,CAAAA,QAAS,OACFxE,CAAAA,CAAE,CAAC,IAAD,CAAF,CAASe,WAdN,CAAA,IAqBVG,CAAAA,eAAgB,OACTlB,CAAAA,CAAE,CAAC,IAAD,CAAF,CAASkB,aAtBN,CAAA,CA4BduD,YA5Bc,WA4BC,IACLvD,CAAAA,CAAa,CAAGlB,CAAE,CAAC,IAAD,CAAF,CAASkB,cADpB,MAEU,KAAjB,EAAAA,CAFO,CAGA,EAHA,CAKJ,CAACA,CAAD,CAjCG,CAAA,IAwCVwD,CAAAA,MAAO,OACA,EAzCG,CAAA,IAgDVC,CAAAA,iBAAkB,OACX,EAjDG,CAAA,IAwDVC,CAAAA,WAAY,OACL,EAzDG,CAAA,IAgEVC,CAAAA,gBAAiB,OACV,EAjEG,CAAA,IAwEV5D,CAAAA,YAAa,OACNjB,CAAAA,CAAE,CAAC,IAAD,CAAF,CAASiB,UAzEN,CAAA,CAgFd6D,eAhFc,WAgFI,IACRtE,CAAAA,CAAI,CAAGR,CAAE,CAAC,IAAD,EAEfQ,CAAI,CAACW,OAAL,GAHc,CAI4B,UAAtC,QAAOX,CAAAA,CAAI,CAACP,KAAL,CAAW6E,eAJR,EAKVtE,CAAI,CAACP,KAAL,CAAW6E,eAAX,EArFM,CAAA,CA6FdC,wBA7Fc,WA6Fa,IACjBvE,CAAAA,CAAI,CAAGR,CAAE,CAAC,IAAD,EAEfQ,CAAI,CAACW,OAAL,GAHuB,CAIvBX,CAAI,CAACY,gBAAL,GAJuB,CAK4B,UAA/C,QAAOZ,CAAAA,CAAI,CAACP,KAAL,CAAW8E,wBALC,EAMnBvE,CAAI,CAACP,KAAL,CAAW8E,wBAAX,EAnGM,CAAA,IA2GVC,CAAAA,SAAU,SACKhF,CAAE,CAAC,IAAD,CAAF,CAASC,KAAT,CAAe+E,OA5GpB,CAAA,IAmHVtE,CAAAA,YAAa,SACEV,CAAE,CAAC,IAAD,CAAF,CAASC,KAAT,CAAeS,UApHpB,CAAA,CA2HdE,cA3Hc,WA2HG,CACbL,CAAa,CAACP,CAAE,CAAC,IAAD,CAAH,CA5HH,CAAA,IAmIViF,CAAAA,kBAAmB,OACZjF,CAAAA,CAAE,CAAC,IAAD,CAAF,CAASW,QApIN,CAAA,IA2IVuE,CAAAA,UAAW,SACIlF,CAAE,CAAC,IAAD,CAAF,CAASC,KAAT,CAAeiF,QA5IpB,CAAA,IAmJV7D,CAAAA,WAAY,OACLrB,CAAAA,CAAE,CAAC,IAAD,CAAF,CAASqB,SApJN,CAAA,IA4JV8D,CAAAA,YAAa,OACNnF,CAAAA,CAAE,CAAC,IAAD,CAAF,CAASe,WA7JN,CAAA,IAqKVqE,CAAAA,cAAe,OACRpF,CAAAA,CAAE,CAAC,IAAD,CAAF,CAASmB,OAtKN,CAAA,IAwKViE,CAAAA,aAAa1D,EAAO,IACfA,MAGClB,CAAAA,CAAI,CAAGR,CAAE,CAAC,IAAD,EAEfQ,CAAI,CAACW,OAAL,IACuC,SAAnC,QAAOX,CAAAA,CAAI,CAACP,KAAL,CAAWmF,eAClB5E,CAAI,CAACP,KAAL,CAAWmF,YAAX,KAhLM,CAAA,IAyLVC,CAAAA,aAAc,OACP,CAACrF,CAAE,CAAC,IAAD,CAAF,CAASW,QA1LP,CAAA,IA4LV0E,CAAAA,YAAY3D,EAAO,CACdA,CADc,EAEfnB,CAAa,CAACP,CAAE,CAAC,IAAD,CAAH,CA9LP,CAAA,CAyMdsF,SAzMc,WAyMF,EAzME,EA+MlB9D,MAAM,CAACC,cAAP,CAAsBX,CAAK,CAAC4B,SAA5B,CAAuC,aAAvC,CAAsD,CAClDhB,KAAK,CAAEZ,CAD2C,CAElDmB,YAAY,GAFsC,CAGlDY,QAAQ,GAH0C,CAAtD,EAOsB,WAAlB,QAAO0C,CAAAA,MAAP,EAAyD,WAAxB,QAAOA,CAAAA,MAAM,CAACzE,QAC/CU,MAAM,CAACgE,cAAP,CAAsB1E,CAAK,CAAC4B,SAA5B,CAAuC6C,MAAM,CAACzE,KAAP,CAAa4B,SAApD,EAGAS,CAAQ,CAACnC,GAAT,CAAauE,MAAM,CAACzE,KAAP,CAAa4B,SAA1B,CAAqC5B,CAArC,wiDChTiB+C,CAAAA,2EAMP,GAAIS,CAAAA,SAAJ,CAAc,4CAAd,sDAOAmB,CAAAA,CAAO,CAAG1B,CAAY,CAAC3D,GAAb2D,CAAiB,IAAjBA,KACO,SAAnB,QAAO0B,CAAAA,OACD,IAAInB,CAAAA,SAAJ,kEAEW,IAAT,QAAgB,MAAhB,GAAgC,MAFlC,QAMHmB,CAAAA,SArB0B3B,GAwBzC4B,CAAoB,CAAC7B,CAAW,CAACnB,SAAb,CAAwB,OAAxB,EA2BpB,GAAMqB,CAAAA,CAAY,CAAG,GAAIQ,CAAAA,OAAzB,CAGA/C,MAAM,CAACmE,gBAAPnE,CAAwBqC,CAAW,CAACnB,SAApClB,CAA+C,CAC3CiE,OAAO,CAAE,CAAE9D,UAAU,GAAZ,CADkC,CAA/CH,EAKsB,UAAlB,QAAOoE,CAAAA,MAAP,EAA8D,QAA9B,GAAAC,EAAOD,MAAM,CAACE,cAC9CtE,MAAM,CAACC,cAAPD,CAAsBqC,CAAW,CAACnB,SAAlClB,CAA6CoE,MAAM,CAACE,WAApDtE,CAAiE,CAC7DS,YAAY,GADiD,CAE7DP,KAAK,CAAE,aAFsD,CAAjEF,KC5EiBuE,CAAAA,oCAKb1B,CAAO,CAACrD,GAARqD,CAAY,IAAZA,CAAkBV,CAAiB,EAAnCU,4CAcAL,CAAW,CAACG,CAAS,CAAC,IAAD,CAAV,uCAPJA,CAAAA,CAAS,CAAC,IAAD,WAclBE,CAAO,CAAG,GAAIE,CAAAA,WAkBpB/C,MAAM,CAACmE,gBAAPnE,CAAwBuE,CAAe,CAACrD,SAAxClB,CAAmD,CAC/CoC,MAAM,CAAE,CAAEjC,UAAU,GAAZ,CADuC,CAE/CqE,KAAK,CAAE,CAAErE,UAAU,GAAZ,CAFwC,CAAnDH,EAKsB,UAAlB,QAAOoE,CAAAA,MAAP,EAA8D,QAA9B,GAAAC,EAAOD,MAAM,CAACE,cAC9CtE,MAAM,CAACC,cAAPD,CAAsBuE,CAAe,CAACrD,SAAtClB,CAAiDoE,MAAM,CAACE,WAAxDtE,CAAqE,CACjES,YAAY,GADqD,CAEjEP,KAAK,CAAE,iBAF0D,CAArEF"}