

Section	Test Description	Test File(s)	Orange Labs (Mozilla Firefox)	Nokia (Mozilla MicroB)	
5					
	DCCIProperty interface inherits from DOMELEMENT interface	<u>(DOM Element / DOM Node)</u>	--	Pass	
	Must implement DOM EventTarget interface	<u>(DOM Event Spec)</u>	--	Pass	
	DCCIComponent is a property element	<u>(5.3)</u>	--	Pass	
	DCCIComponent has read-only attribute for DCCI version	componentInterface-1 componentInterface-1a	Pass	Pass	
	Events: Change	<u>(DOM Event Spec)</u>	--		
	Events: Add	<u>(DOM Event Spec)</u>	--		
	Events: Remove	<u>(DOM Event Spec)</u>	--		
	Add event listeners	<u>(DOM Event Spec)</u>	--	Pass	
	remove event listeners	<u>(DOM Event Spec)</u>	--	Pass	
	bubble/capture	<u>(DOM Event Spec)</u>	--	Pass	
	Naming conventions for property names/namespaces, XML + RFC2396				Not Testable
	must raise DOM exception if above naming conventions not respected				Not Testable
5.1.2					
	tagName (DOMString)	propertyInterface-1	Pass	Pass	
	value (any), must be null if node has no value	propertyInterface-2	Pass	Pass	
	nodeValue, should be null	propertyInterface-4	Pass	Pass	
	valueType (DOMString) read-only, "should be URI", must contain "DOMString" for string values	propertyInterface-3	Pass	Pass	
	propertyType (DOMString), read-only, default is null	propertyInterface-5 propertyInterface-5a	Pass	Pass	
	readOnly (boolean), read-only, TRUE: changing value or propertyType raise DOMException w/ NO_MODIFICATION_ALLOWED_ERR. FALSE: value can be changed	propertyInterface-6 propertyInterface-6a	Pass	Pass	
	DCCIMetadataInterface (any), no testable details	propertyInterface-11 propertyInterface-12 propertyInterface-13 propertyInterface-14	Pass	Pass	
	DCCIMetadataInterfaceType (DOMString), read-only, no testable details	propertyInterface-8 propertyInterface-8a	Pass	Pass	
		propertyInterface-7 propertyInterface-7a	Pass	Pass	
5.1.3					
	hasProperty() returns boolean. (DOMString namespaceURI, DOMString propertyName, bool deep)	propertyInterface-9	Pass	Pass	
	searchProperty() returns NodeList (DOMString namespaceURI, DOMString propertyName, DCCIPropertyFilter dcciPropertyFilter, bool deep)	propertyInterface-10	Pass	Pass	
5.2.2					
	DCCIPropertyFilter attributes -- none		Not Implemented	Not Implemented	
5.2.3					

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	acceptProperty() returns boolean. (DCCIProperty property)		Not Implemented	Not Implemented	
	acceptProperty() can raise DCCIException w/ PROPERTY_FILTER_ERR		Not Implemented	Not Implemented	
5.3					
	DCCIComponent, root of DCCI tree, derives from DCCIProperty	componentInterface-4	Pass	Pass	
	parent must be null	componentInterface-2	Pass	Pass	
	value must be null	componentInterface-3	Pass	Pass	
5.3.1					
	DCCIComponent version (DOMString), read-only, must be "1.0"?	componentInterface-1 componentInterface-1a	Pass	Pass	
5.4.2					
	DCCIException defines three constants:				
	ACCESS_VIOLATION_ERR = 1		Not Implemented	Not Implemented	
	NOT_SUPPORTED_ERR = 2		Not Implemented	Pass	
	PROPERTY_FILTER_ERR = 3		Not Implemented	Not Implemented	
6					
	Conforms to DOM Event specification, including bubble and capture phases	<i>(DOM Event Spec)</i>	---	Pass	
	raises existing DOM events as appropriate				Not Testable
6.1					
	when property value changes, DOM Event raised with type "DCCI- prop-change"	<i>(DOM Event Spec)</i>	---	Pass	
	If DOM3 implementation, must be in DCCI namespace		Not Implemented	Not Implemented	
6.2					
	DOM Event DOMNodeInserted must be raised when new property added, AFTER node added. target is added node.		Untested	Pass	
	DOM Event DOMNodeRemoved must be raised when a property is removed from the DCCI tree, BEFORE removal. target is node to be removed.		Untested	Pass	
	DOM Event DOMSubtreeModified must be raised on any DCCI tree change. Can be raised after a set of changes or after each individual change. target is lowest common parent of changes made. Raised AFTER other events (above) caused by changes		Untested	Pass	
7					
	must implement DOM EventTarget interface	<i>(DOM Event Spec)</i>	---		
	DCCIProperty must inherit from DOMELEMENT interface	<i>(DOM Element)</i>	---	Pass	
	must support isSupported() of DOMNode interface:	nodeInterface-17	Pass	Pass	
	feature "DCCI-DOM", version "2.0" must return true if based on DOM2, false otherwise	nodeInterface-17	Pass	Pass	
	feature "DCCI-DOM", version "3.0" must return true if based on DOM 3, false otherwise		Untested	Pass	
	must support all datatypes specified by W3C DOM2 spec				Not Testable
	DCCIProperty nodes must return ELEMENT_NODE as nodeType	nodeInterface-3	Pass	Pass	

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	DCCIProperty nodes must return name of property as nodeName	nodeInterface-1	Pass	Pass	
	must raise DOM_ACCESS_VIOLATION_ERR if access control violation (untestable)		Not Implemented	Not Implemented	
	NOT_SUPPORTED_ERR if an operation is not supported	nodeInterface-24	Not Implemented	Pass	
	NO_MODIFICATION_ALLOWED_ERR if non-allowed modification attempt	propertyInterface-12	Pass	Pass	
	NOT_SUPPORTED_ERR if inserting a non-DCCIProperty, only if insertBefore(), replaceChild() and appendChild() supported		Not Implemented	Not Implemented	
	may return null for ownerDocument	nodeInterface-11	FAIL	Pass	
	DCCIMetadataInterface is DOMString unless DOM3 based, otherwise DOMObject	propertyInterface-15	Pass	Pass	
	must raise NOT_SUPPORTED_ERR on cloning, adopting, importing of nodes unless they are implemented		Not Implemented	Pass	
	should raise most appropriate DOM Exception at all times (testable?)				Not Testable
	global variable should be DCCIRoot if this is the access method provided		Not Implemented	Not Implemented	
	must use DOM Mutation events		Not Tested	Pass	
7.1.1					
	DCCI namespace is http://www.w3.org/2007/dcci		Not Tested	Pass	
DOM Events Spec					
1.2.1					
	Multiple listeners on an event target, all must be triggered (any order)	eventTargetInterface-1	Pass	Pass	
	Propagation continues even if exception raised in event handler	eventTargetInterface-2	Pass	Pass	
	event listeners can cause other events to fire, these should be sync and propagation should continue after processing		Not Tested	Not Tested	
1.2.2					
	Capture chain determined at the start of processing. Does not change even if there are changes to the tree during event processing (might not be relevant)		Not Tested	Not Tested	Not Testable
	Capture happens first, down from the root to the event's target	eventTargetInterface-3	Pass	Pass	
	Capture event does NOT happen on the event target	eventTargetInterface-3	Pass	Pass	
	stopPropagation() from a listener should not stop events from firing at the current level (additional listeners on the same EventTarget)	eventTargetInterface-4	Pass	Not Tested	
	stopPropagation() from a listener should prevent the event from continuing any further towards the events target	eventTargetInterface-4	Pass	Not Tested	
	event should not be raised on the target if stopPropagation() was called during capture	eventTargetInterface-4	Pass	Not Tested	
	stopPropagation() called during capture should prevent bubble phase (?)	eventTargetInterface-4	Pass	Not Tested	

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1.2.3					
	After capture events bubble, starting at event's target proceeding up to root	eventTargetInterface-5	Pass	Not Tested	
	Capture events not triggered during bubble		Not Tested	Pass	
	chain of bubble determined before initial dispatch of event		Not Tested	Pass	
	stopPropagation() does not stop dispatch of event to listeners on the same EventTarget	eventTargetInterface-4	Pass	Not Tested	
	stopPropagation() stops bubble event dispatch further up the tree	eventTargetInterface-4	Pass	Pass	
1.3.1					
	EventTarget: addEventListener() defined	(Tested in eventTargetInterface-1 through eventTargetInterface-9)	Pass	Pass	
	EventTarget: removeEventListener() defined	(Tested in eventTargetInterface-11)	Pass	Pass	
	EventTarget: dispatchEvent() defined		Not Tested	Pass	
	Duplicate event listeners added with addEventListener() on the same target should be discarded. (It should not be called twice)	eventTargetInterface-10	Fail	Fail	
	dispatchEvent() should allow insertion of events into the system (??)		Not Tested	Not Tested	
	dispatchEvent() returns boolean, true if any listener called preventDefault()		Not Implemented	Not Implemented	
	dispatchEvent() raises UNSPECIFIED_EVENT_TYPE_ERR (EventException) if type not set by initialization prior to calling dispatchEvent()		Not Implemented	Not Implemented	
	removeEventListener(): removed listeners should not be called on future raised events	eventTargetInterface-11	Pass	Pass	
	removeEventListener(): listeners removed during event processing should not be triggered by that event	eventTargetInterface-12	Pass	Not Tested	
	removeEventListener(): should have no effect if called with non-matching arguments		Not Tested	Pass	
1.4					
	Event received by listener should have all appropriate fields/functions		Not Tested	Pass	
	bubbles should be false at capture phase, true otherwise		Not Tested	Pass	
	should have cancelable field, value irrelevant	eventTargetInterface-8	Pass	Pass	
	currentTarget should be the property node receiving the event at the moment	eventTargetInterface-9	Pass	Pass	
	eventPhase should be AT_TARGET, CAPTURING_PHASE, or BUBBLING_PHASE		Not Tested	Pass	

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	target should be the event target		Not Tested	Pass	
	timeStamp should exist and be either 0 or time in milliseconds at which the event was created		Not Tested	Not Implemented	
	type, string indicating the type of the event	eventTargetInterface-6	Pass	Pass	
	initEvent() should exist and be a function. cannot test calling.		Not relevant	Not relevant	
	preventDefault() should exist and be a function. Calling should not make any difference since there's no default action for DCCI events (or is there for mutation?)	eventTargetInterface-7	Pass	Pass	
	stopPropagation() should exist and be a function. Once called, no further propagation of the event should occur (other than event listeners at the same level)	eventTargetInterface-4	Pass	Pass	
DOM Element					
	tagName	elementInterface-1	Pass	Pass	
	getAttribute returns empty string	elementInterface-2	Fail, ret null	Pass	
	getAttributeNS returns empty string	elementInterface-2a	Fail, ret null	Pass	
	getAttributeNode returns null	elementInterface-2b	Pass	Pass	
	getAttributeNodeNS returns null	elementInterface-2c	Pass	Pass	
	getElementsByTagName matches results of searchProperty	elementInterface-6	Pass	Pass	
	getElementsByTagNameNS matches results of searchProperty	elementInterface-6a	Pass	Pass	
	hasAttribute returns false	elementInterface-5	Pass	Pass	
	hasAttributeNS returns false	elementInterface-5a	Pass	Pass	
	removeAttribute raises NO_MODIFICATION_ALLOWED_ERR	elementInterface-4	Pass	Pass	
	removeAttributeNS raises NO_MODIFICATION_ALLOWED_ERR	elementInterface-4a	Pass	Pass	
	removeAttributeNode raises NO_MODIFICATION_ALLOWED_ERR	elementInterface-4b	Pass	Pass	
	setAttribute raises NO_MODIFICATION_ALLOWED_ERR	elementInterface-3	Pass	Pass	
	setAttributeNS raises NO_MODIFICATION_ALLOWED_ERR	elementInterface-3a	Pass	Pass	
	setAttributeNode raises NO_MODIFICATION_ALLOWED_ERR	elementInterface-3b	Pass	Pass	
	setAttributeNodeNS raises NO_MODIFICATION_ALLOWED_ERR	elementInterface-3c	Pass	Pass	
DOM Node					
	attributes returns empty NamedNodeMap	nodeInterface-10	Fail	Not Implemented	
	attributes is readonly	nodeInterface-10a	Pass	Not Implemented	
	childNodes returns a NodeList containing children of node	nodeInterface-5	Pass	Not Implemented	
	childNodes returns empty NodeList if there are no children	nodeInterface-5a	Pass	Not Implemented	
	firstChild returns the first child of the node	nodeInterface-6	Pass	Pass	
	firstChild returns null if the node has no children	nodeInterface-6	Pass	Pass	
	firstChild is readonly	nodeInterface-6a	Pass	Pass	

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	lastChild returns the last child of the node	nodeInterface-7	Pass	Pass	
	lastChild returns null if the node has no children	???	Pass	Pass	
	lastChild is readonly	nodeInterface-7a	Pass	Pass	
	localName returns the nodeName or null (?)	nodeInterface-14	Not Implemented	Pass	
	localName is readonly		Not Implemented	Pass	
	namespaceURI returns the namespace of the node	nodeInterface-12	Pass	Pass	
	namespaceURI is readonly	nodeInterface-12a	Pass	Pass	
	nextSibling returns the node following this node under it's parent	nodeInterface-9b	Pass	Pass	
	nextSibling returns null if there is no next node	nodeInterface-9a	Pass	Pass	
	nextSibling is readonly	nodeInterface-9c	Pass	Pass	
	nodeName returns the name of the node, same as tagName	nodeInterface-1	Pass	Pass	
	nodeName is readonly	nodeInterface-1a	Pass	Pass	
	nodeType returns ELEMENT_NODE (1)	nodeInterface-3	Pass	Pass	
	nodeValue returns null	nodeInterface-2	Pass	Pass	
	setting nodeValue has no effect	nodeInterface-2a	Fail	Fail	
	ownerDocument returns null or the owner document	nodeInterface-11	Fail	Pass	
	ownerDocument is readonly		Not Tested	Not Implemented	
	parentNode is the parent of the node	nodeInterface-4a nodeInterface-4b	Pass	Pass	
	parentNode is readonly	nodeInterface-4c	Pass	Pass	
	prefix returns null	nodeInterface-13a	FAIL Not implemented	Pass	
	setting prefix raises NO_MODIFICATION_ALLOWED_ERR	nodeInterface-13b	Pass	Pass	
	previousSibling returns the node preceding this node	nodeInterface-8b	Pass	Pass	
	previousSibling returns null if there is no preceding node	nodeInterface-8a	Pass	Pass	
	previousSibling is readonly	nodeInterface-8c	Pass	Pass	
	appendChild should raise NO_MODIFICATION_ALLOWED_ERR		Not Tested	Pass	
	cloneNode ... (should not be implemented?)	nodeInterface-19	Pass	Not Implemented	
	hasAttributes should return false	nodeInterface-15	Pass	Pass	
	hasChildNodes should return true if the node has children, false otherwise	nodeInterface-16a nodeInterface-16b	Pass	Pass	
	insertBefore() should raise NO_MODIFICATION_ALLOWED_ERR		Not Tested	Pass	
	isSupported()	nodeInterface-17 ('DCCI-DOM', '2.0')	Pass	Pass	
	normalize() should not be implemented?	nodeInterface-18	Not Implemented	Not Implemented	
	removeChild() should raise NO_MODIFICATION_ALLOWED_ERR		Not Tested	Pass	
	replaceChild() should raise NO_MODIFICATION_ALLOWED_ERR		Not Tested	Pass	