28.12.2010

JSR-257 Contactless Communication API - Change Log

#	Change Description	Reason	Spec version

1	Secure element Push URL
	
	Appendix B. Launching applications with MIDP 2.0 PushRegistry
	
	The secure element push URL defined in JSR 257 does not allow identifying the secure element that the push applies to. This is needed if there are multiple secure elements available in the device. Multiple secure elements are identified using a slot number in JSR 177. Adding support for multiple secure elements in the push use case is done by extending the push URL definition by adding a slot number part into the URL. The URL then becomes:
	
	`<secure element url> ::= "secure-element:"[slot_number]?aid=<aid_string>`
	
	`<aid_string> ::= String of numerical characters. Identifier is the aid defined in ISO7816-5 specification. Masks can be used.`
	
	`<slot_number> ::= Number identifying the smart card slot for the secure element. The number must be as defined in JSR 177 except for slot number 0. For slot number 0 the number must be omitted. This provides compatibility with implementations based on specification version 1.1 that only support one (default) slot for the secure element.`
		The secure element push URL defined in JSR 257 version 1.1 does not allow identifying the secure element that the push applies to. This clarification defines that missing feature.	1.1