

service-level

The `(service-level [subrights])` is a shorthand for useful expressions about rights.

`service-level` combines the (optional) `subrights` (a list of totems denoting the desired subset of rights with the value of the protection-slot at the current place and checks the result against the capabilities associated with the current message.

For the glory details see [AskemosProtection06](#).

Examples

(The OID's, which represent the rights at low level are replaces with some mnemonic totem names here. Note: the system kernel does not provide such a mapping except for `(public-oid) => "public"`. Other mappings should be done at application level.)

local protection	current capabilities	service-level call	result
jfw/diary	jfw/diary/read	<code>(service-level 'read)</code>	pass
jfw/diary	jfw/diary/read	<code>(service-level 'write)</code>	fail
jfw/diary	jfw/diary	<code>(service-level 'read)</code>	pass
jfw/public	public/read	<code>(service-level 'read)</code>	pass

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