## Cheatography

## ServiceNow SOAP - Cheat Sheet Cheat Sheet by Bibin Gokuldas (bibingokuldas) via cheatography.com/69673/cs/17691/

SUAP VS	Rest Basics		SOAP Message API (	SOAP Message API (cont)		
	SOAP is lik	P Vs REST APIs ke using an envelope Ko Overhead, most bandwidth required, more work at both the ends of sealing and opening	setEccCorrelator(stri- ngcorrelator)	Associate outbound requests ECC queue. Applicable to SC		
			setEccParameter(na- me,value)	Override a value from the da payload		
			setEndpoint(endpoint)	Set the endpoint for the SOA		
		SERVER REST is Las POSTCARD Lighweight, can be cached, and can be updated eas	setHttpTimeout(milise- conds)	Set the amount of time the S the web service provider before		
SOAP Str	ucture		setLogLevel(level)	Sets the log level for this mes The Values of level can be ba		
SOAP Envelope	-	ment of an XML message identifying it as a SOAP message.	setMIDServer(midse- rvername)	Configure the SOAP messag		
SOAP Header		more header blocks targeted at each SOAP receiver.	setMutualAuth(profile- name)	Set the mutual authentication		
SOAP Body	-	the message intended for the SOAP receiver. The interpretation and body is defined by header blocks.	setRequestBody(req- uestbody)	Set the body content to send		
Authentic Basic Authen- tication		an be enforced by setting a username and password for a webservic perty is enabled 'glide.basicauth.required' then auth header is manda	rvalue)	Set an HTTP header in the solution the solution of the SOAP action this		
SOAP Me	ssage API		setStringParameter- (name,value)	Set a variable with the specif record to the specified value.		
execute()		Send the SOAP message to the endpoint.	setStringParameter-	Set a variable with the specif		
executeAsync()		Send the SOAP message to the ECC queue.	NoEscape(name,v-	record to the specified value,		
getEndpoint()		Get End point of specified SOAP message	alue)			
getRequestBody()		Get the content of the SOAP message body.				
getRequestHeader(head- ername)		Get the value for an HTTP header specified by the SOAP client.				
getRequestHeaders()		Get HTTP headers that were set by the SOAP client and the asso values.	ociated			
setBasicAuth(username,pa- ssword)		Set basic authentication headers for the SOAP message.				



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SOAP Mess	age API (cont)	Direct Webservices (cont)				
swd,certificat	ty(keystreID,keystrealias,keystrep- e) stions answered?	Sets web service security values for message.	the SOAP	Record deleteMul-	Deletes a record from the targeted ta sys_id. Delete multiple records from the targ example values.	
SOAP Concepts & Terminology   Provider : Publishes web service for clients to invoke (consume).   Consumer : Invokes / consumes published web service.   Standards : Standards are described below   WSDL : Web Service Description Language , XML document describing functions, arguments, data schema, and					The standard SOAP API is a set of globally defined fur in ServiceNow, these functions cant be changed. Direct Webservice API is defined by the format https:// om/.do	
SOAP : Simple WSDL SOAP:E	P / how to invoke the service, URL) Object Access Protocol, XML document usually invelope / SOAP:Header / SOAP:Body rext Transfer Protocol, POST vs GET - Web Sen		scribed in	getAllHea- ders() getBody() getCookies()	Return all headers contained in headers. Get the content of the SOAP re Returns all cookies included in	
Direct Webs	ervices Query the targeted table by example values ar	nd return a comma delimited sys_id list.	Data Retrieval API	getErrorCode( getErrorMess- age()	Get the numeric error code if th ction. This is not Linked with the	
getRecords	Query the targeted table by example values an fields.	nd return all matching records and their	Data Retrieval API	getHeader- (name) getStatus-	Get the value for a specified H then it will return the last of dup Get the numeric HTTP status c	
get aggregate	Query a single record from the targeted table to fields. Query using and aggregate functions SUM, Co		Data Retrieval API Data	Code() haveError() waitForRespo- nse(seconds)	Indicate if there was an error do Set the amount of time in second from the web service provider.	
insert	the aggregate functions, activate the Aggregat Creates a new record for the table targeted in	-	Retrieval API Data Modifi-	The API which uses these function is SOAPRespons var r = new sn_ws.SOAPMessageV2('SOAPMessage var resp = r.execute(); var hdrs = resp.getAllHeaders();		
insertMul- tiple	Creates multiple new records for the table targ inserts, activate the Web Service Insert Multiple		Cation API Data Modifi- cation API	for(var i in hdrs){ gs.log(hdrs[i].name + ': ' + hdrs[i].value); }		
update	Updates a existing record in the targeted table sys_id field.	in the URL, identified by the mandatory	Data Modifi- cation API			



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