Petris: PetrisWINDS Recall

PetrisWINDS Recall (Petris)

Product Description	
	PetroisWINDS Recall
	Version N/A
	WITSML Object Specifications Version N/A
	WITSML API Specification Version N/A
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Availability	
	From N/A

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WITSML Function Coverage	Check all that apply. Explain limitations and/or special circumstances in the Comments area.
	Notes:
	Functional coverage is organized according to five kinds of product functionality with respect to the WITSML Standards: two kinds of client functions and three kinds of server functions.
	• A product may exhibit multiple kinds of functionality. • The terms *client* and *server* are used here exclusively with respect to the WITSML Server API interfaces. Clients issue requests to servers. Servers receive and respond to requests from clients. • Behaviors for products that do not use the WITSML Server API are classified in an analogous manner.
	The five product classifications of WITSML functional coverage are:
	• Client Products -- 1. **WITSML Producer Client** -- a product that generates or otherwise obtains data that is formulated as WITSML object instances and sent to a WITSML Server to be incorporated in that server's data population. Examples of such products include products that pick up real-time data from sensor devices, format it, and send it to a server; and products that extract data from data stores, format it, and send it to a server. 2. **WITSML Consumer Client** -- a product that issues requests for data as queries of subscriptions to a WITSML Server and then receives data as query responses or subscription publications. Examples of such products include products that acquire data from a server, possibly reformat it, and delivery it to an application program or viewer utility. 1&2. Products the exhibit **combined Producer and Consume Client** functions may be application programs that operate directly on a WITSML Server, such as a mudlogging application or a pore pressure analysis application.
	• Server Products -- 3. **WITSML Receiving Server** -- a product that performs WITSML Server functions in general and, in particular, acquires data from external sources. Data acquisition may be through WITSML API interfaces or other mechanisms. 4. **WITSML Delivering Server** -- a product that performs WITSML Server functions in general and, in particular, delivers data to external destinations. Data delivery may be through WITSML API interfaces or other mechanisms. 5. **WITSML Managing Server** -- a product that performs WITSML Server functions in general and, in particular, supports requests from authorized client applications to augment (extend), modify, or delete (part or all) WITSML object instances. 3&4. The general understanding and expectation is that a product characterized as a WITSML Server supports **both Receiving and Delivering Server** functionality. 3&4&5. The **addition of Managing Server** functionality allows a WITSML Server product to do more than store and forward data, such as supporting data quality management client applications that help ensure the integrity and quality of data content in a Server data population.
	• General Functions -- 6. Virtually all products associated with the WITSML Standards will issue and/or process **WITSML Server General Functions** to determine the capabilities and version of a server product.
1. **WITSML Producer Client**	A product that (generates and) sends WITSML object instances to a destination process: 1a [____] Sends to a WITSML Server using AddToStore interface 1b [____] Otherwise

2. **WITSML Consumer Client**	A product that requests and receives WITSML data from a source process: 2a [_X_] Queries a WITSML Server using GetFromStore interface 2b [_X_] Subscribes to a WITSML Server using Publish interface 2c [____] Otherwise
3. **WITSML Receiving Server**	A product that performs the WITSML Server interfaces and receives data from source processes: 3a [____] Receives WITSML object instances via AddToStore interface 3b [____] Otherwise receives WITSML object instances 3c [____] Receives non-WITSML form data treated as if it were WITSML object instances or a virtual equivalent
4. **WITSML Delivering Server**	A product that performs the WITSML Server interfaces and delivers data to destination processes: 4a [____] Delivers WITSML data in response to queries via GetFromStore interface 4b [____] Publishes WITSML data in response to subscriptions via the Publish interface 4c [____] Otherwise delivers WITSML data 4d [____] Delivers non-WITSML form data derived from WITSML object instances or a virtual equivalent
5. **WITSML Managing Server**	A product that performs the WITSML Server interfaces and manages (augments, changes, deletes portions, or deletes entirely) WITSML object instances or a virtual equivalent: 5a [____] Processes modification requests via AddToStore, UpdateInStore, DeleteFromStore interfaces 5b [____] Otherwise processes modification requests
6. **WITSML General Functions**	A product that issues general WITSML Server interface requests to a WITSML Server: 6a [_X_] Issues GetVersion and/or GetCapabilities A product that performs the general WITSML Server interfaces: 6b [____] Processes GetVersion and/or GetCapabilities
WITSML Object Coverage	Mark D for **Deliver** and R for **Receive**, as applicable. If all functions do not apply, note either functions supported or functions not-supported, e.g. supported by 1a. Explain other limitations or special cases in the Comments area.
	[_R_] Realtime
	[_R_] Well
	[_R_] Wellbore
	[_R_] Log & WellLog
	[____] Trajectory & Traj. Stn.
	[____] Message
	[_R_] Mud Log
	[____] Rig
	[____] Survey Program
	[____] Target
	[____] Fluids Report
	[____] Operations Report
	[____] Risk

	[_R_] Formation Marker
	[_R_] Conventional Core
	[____] Sidewall Core
	[____] Cement Job
	[____] Tubular
	[____] BHA Run
	[____] WB Geometry
	[____] Other, specify: _____
Comments:	None.
Last Update	May 9, 2008 by David Archer