

## HCE cluster node admin interface commands for handlers

Handler	Command name	Command description	Parameters	Return
<b>DataClientProxy</b>	ECHO	Returns echo.		Echo string
	REBUILD_CLIENT_CONNECTION	Rebuilds client side connection with default schema settings.		
	DISCONNECT_CLIENT_CONNECTION	Disconnects client side connection		
	UPDATE_SCHEMA	Update connection string of client connection, parameter is connection string value in ZMQ format		
	STAT	Returns statistical information as list of comma separated name=value pairs		Stat data string
	PROPERTIES			Properties string
<b>DataClientData</b>	ECHO	Returns echo.		
	REBUILD_CLIENT_CONNECTION	Rebuilds client side connection with default schema settings.		
	DISCONNECT_CLIENT_CONNECTION	Disconnects client side connection		
	UPDATE_SCHEMA	Update connection string of client connection, parameter is		

connection string value in ZMQ  
format

STAT

Returns statistical information

PROPERTIES



<b>DataProcessorData</b>	ECHO			
	STAT			
	PROPERTIES			
	SET_DATA_PROCESSING_MODE	0 –regular FO involve, 1 – fake processing with generation of random results without involving of FO.		
	SPHINX	Execute Sphinx index admin manage command, returns Sphinx admin protocol defined json string	Request command Sphinx admin protocol defined json string	Json string
	LLGET	Log level get		Log level value
	LLSET	Log level set	New log level value	Prev. log level value
	DRCE	Execute DRCE admin manage command, returns DRCE protocol defined json string	Request command DRCE FO protocol defined json string	Json string
	DRCE_SET_HOST	Set host for DRCE FO, returned in response of any DRCE request.	Host name, string	Previous host name, string.
	DRCE_GET_HOST	Get host od DRCE FO.		Host name, string.
	DRCE_SET_PORT	Set port for DRCE FO, returned in response of any DRCE request.	Port value, string	Previous port, string.

DRCE_GET_PORT	Get port od DRCE FO.	Port, string.
DRCE_GET_TASKS	Get current async tasks queue	Json string
DRCE_GET_TASKS_INFO	Get list information about all tasks on disk drive	Json string



**Admin**

ECHO		
SHUTDOWN	Shut downs the node application by exiting from the admin handler's main loop, terminating the admin handler's thread and all nodes' threads one by one in sequence those they was created.	
TIME	Returns time since admin handler object was created, ms	
PROPERTIES		



**DataReducerProxy**



**DataServerProxy**

ECHO
STAT

REBUILD_SERVER_CONNECTION	Rebuild data server socket
DISCONNECT_SERVER_CONNECTION	Close data server socket
UPDATE_SCHEMA	Update connection string for data server
PROPERTIES	

**RouterServerProxy** ECHO

STAT

REBUILD\_SERVER\_CONNECTION

DISCONNECT\_SERVER\_CONNECTION

UPDATE\_SCHEMA

PROPERTIES

### Request body string format:

**<handler\_name><delimiter><command\_name><delimiter>[<parameters\_list><delimiter>**

**handler\_name** – name of the target handler, string

**command\_name** – name of the command, string

**delimiter** – delimiter, “\t” character

**parameters\_list** – list of command parameters, depends on concrete command. Format:

**<parameter\_value>[<item\_delimiter>...]**

**parameter\_value** – the value of parameter, string

**item\_delimiter** – items delimiter, “@” character

### Response body string format:

**<response\_code><item\_delimiter>[<fields\_list>]**

**response\_code** – code of command status, can be “OK” or “ERROR”, string

**item\_delimiter** – items delimiter, “\t” character

**fields\_list** – response properties fields, concrete list of fields depends on command. List format:

**<field\_name><field\_delimiter><field\_value>[<item\_delimiter >...]**

**field\_name** – name of property field, string

**field\_delimiter** – field and value delimiter, “=” character

**field\_value** – value of property field, string