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Addendum A: IGUANA Structured Query Language Daemon (ISQLD)

The database schema used is similar to the IGUANA Structured Query Language Daemon (ISQLD). The database tables are:

1. NODES
2. DATAPOINTS
3. LOGS
4. EVENTS

1. NODE TABLE

Field	Description
NodeAddress	FANTYPE.FANID!FanNodeAddress
FANTYPE	control network type
FANID	unique symbolic name of a FAN daemon
FanNodeAddresss	symbolic name of the node
dp_num	number of data points on this node
nsid_str	self identification string
opt1_str	optional parameters for LonWorks (node location)
opt2_str	optional parameters for LonWorks (program ID)
Error	Error code for this node, received from ESD or, 0 on success

2. DATAPOINTS TABLE

Field	Description
NodeAddress	FANTYPE.FANID!FanNodeAddress
DpAddress	data point address
DataType	FAN-specific data type of the data point
Encoding	encoding of the data
Access	accessibility of this data point
dp_name	data point name
sid_string	self identification string
Data	data value
Error	Error code for this datapoint received from ESD, or 0 on success

3. LOGS TABLE

Field	Description
SQLEventID	unique ID
LogLineNum	line number of this log entry
Timestamp	timestamp
LogData	the log entry data
Error	Error code for this datapoint received from ESD, or 0 on success

4. EVENTS TABLE

Field	Description
SQLEventID	unique ID generated by the client
EventCriteria	event criteria
EventAction	event action
EventDescription	event description

Addendum B: IGUANA LDAP Schema

The IGUANA LDAP schema describes the objectclass and the attributes of that objectclass. The following tree structure describes the schema, starting with the object class and its attributes.

- ObjectClass = iguanaFAN
  - Attributes
    - IguanaFanID
    - IguanaFanDaemonID
    - IguanaFanType
    - iguanaDescription

- ObjectClass = iguanaNode
  - Attributes
    - iguanaNodeAddress
    - iguanaFanNodeAddress
    - iguanaFanDpNum
    - iguanaLocationString
    - iguanaProgramID

- ObjectClass = iguanaDp
  - Attributes
    - iguanaDpAddress
    - iguanaDpId
    - iguanaEncoding
    - iguanaSupportedEncodings
    - iguanaDataType
    - iguanaAccess
    - iguanaName
    - iguanaValue

- ObjectClass = iguanaEvent
  - Attributes
    - iguanaEventID
    - iguanaEventCriteria
    - iguanaAction
    - iguanaICCPrivate

- ObjectClass = iguanaLog
  - Attributes
    - iguanaLineNum
    - iguanaTimeStamp
    - iguanaLogData

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