BBC Technology

Colledia ™

Control

Database Location Blaster
Written By Mark Baldry

Outline

This application is designed to take the instances.xml file, extract the location information and put this in to a database, this allows a 3rd party applications to query the tables associated with the alarm system, then look-up the location, or any other information in this database. The application assumes a standard v4.5 installation, expecting the config directory.

Configuration

The configuration for this module is held in object_settings.xml

<object id="db_loc_blast">	
<setting id="dbDriver" value="QMYSQL3"/>	QT SQL Driver to use
<setting id="dbDatabase" value="colledia_alarms"/>	Database on the server to use
<setting id="dbTable" value="device_data"/>	Database table to use
<setting id="dbHost" value="10.160.9.36"/>	Name/address of the database server
<setting id="dbUser" value="colledia"/>	User name for the database
<setting id="dbPassword" value="colledia"/>	Password for the database
</object>	

Operation

The specified database must exist, other wise the application will report the error and exit. If the database table does not exist it will be created, note that this may need extra user rights to allow this to happen. Once connected to the database each non-composite instance that has a valid location is added to the database, if it already exists the entry is amended to match the new location. Any pre-existing instances that no longer appear in instances.xml will be left as they were, this allows the user to store any other data they want in this table, the user can also add further fields to the database for their own use, for instance they may wish to add manufacturer, model etc.
When the application has completed it will automatically exit after a short period.

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Version History

Version	Change	Date
1.00.00	Original Release	25/08/2004 10:38:00
1.0.0.2	Looks in the current system directory for the QT sql plugins	11/10/2004