Database Control Settings

* Control system name (location, version, description, update history)
* Device Listings (friendly names, device module, priorities, connection information)
* Mainline Module Listings
* Macros (Macro name, macro / function listings)
* Local device DB
* Online device DB
* AvWeb Integration (field name to status request, warning and critical thresholds, warning method)

Local information

* Related files (if module consists of more than one file)
* Control system groupings
* Macro many to many relationships
* Mainline many to many relationships

# Database Layout

Control\_System

AvWeb Room Link (int)  
Settings Version (int)  
Room Internal Name (varchar)  
Description (Text)

Update\_History

Description of change (Text)  
Previous version (int)

Device\_setting

Control System  
Device module  
Friendly Name (optional – overwrites device module default friendly name)  
Priority  
Connection Type  
IP  
Port  
Baud Rate  
ect

Mainline\_Setting

Control System  
Mainline module  
Friendly Name (optional - Overwrites default friendly name)

Macro

Macro Name  
Description

Function

Function Name

Macro to System

Many to Many

System to System Group

Many to Many (To Replace AvWeb Build program functionality)

AvWeb Changes:

* Rooms are Groups (Common DB Object)
* Rooms or Groups can be assigned to any Room or Group (Many to Many)
* Views (A special room type of group object - rooms and groups must be assigned to a single view): Campus, Buildings, Venues, Storages
  + Views to appear in menus can be defined by the user
* Undefined Control Systems View / Room always exists (Special case index 0)
* Control System Devices should all be separate to user defined
  + This needs to be managed somehow.