



# Using Security Codes in Meta-Data

## Overview of Security Codes

At FACTS 6.07, the number of security codes were expanded from 10 to 62, including each of the digits (0-9), all upper case letters (A-Z) and all lower case letters (a-z). Security codes are not progressive, meaning that a user who has the code "9" does not automatically have 0-8 as well.

Many of the meta-data files have fields where you can assign security codes to specific values, functions, tabs, etc. Each of these are "eval" fields, meaning they are string expressions that must evaluate to the proper security codes required of the user at runtime.

You now have the ability to combine multiple security codes with AND and OR conditions. When two security codes are placed side-by-side, they must both be present (AND condition). When you separate two or more security codes with a pipe symbol (|) you create an OR condition. AND conditions are always grouped together and evaluated first, then the OR conditions are applied.

Here are some examples which demonstrate how security codes are evaluated (the values listed are the values AFTER the evs() function has been applied to the field):

A	A is required
ABC	A, B and C are all required
A B	A or B is acceptable
AB C	either A and B is required or just C is required
A BC D	A is acceptable, B and C are acceptable, or D is acceptable

