

Custom Security Model

In addition to the standard security devices in DreamApps, sometimes you may need implement a highly customized security model while allowing access to pages and menus to users. DreamApps allows you to devise a custom security model by defining a method incorporating the rules based on any number of arbitrary factors. The Custom Security Models are applied user by user. These are the steps:

- Define a method¹⁾ that would return an integer local variable named **return**. It should return a value of 1 if access is allowed. Any other value will disallow access.
- In *System Administration*→*User, Roles, Groups and Limits*→*User* tab, update the field **Custom Security Model** for the user by selecting the name of the above method.

Here is an example:

```
method mycoid_security
  if role .eq. "User" .and. team .eq. "SSM"
    if menu .eq. "*home"
      set menu="mycoid_home"
    end if
    if menu .eq. "mycoid_ssm" .or. menu .eq. "mycoid_settings" .or. option
.eq. "SSM" .or. ~
      option .eq. "Company Info" .or. option .eq. "Verification" .or.
option .eq. "Finance"

      str mysql="select count(*) from zygaccess a,cagroup g where
a.zid=g.zid and ~
          a.xguser=g.xguser and xtyperes='Menu' and
xresource='"+menu+"' and ~
          xoption='"+option+"' and zemail='"+#user+"' and
g.zactive='1'"
      int itemp=#sql(int,mysql)
      if itemp > 0
        int return=1
      else
        int return=0
      end if
    else
      int return=1
    end if
  else
    int return=1
  end if
end method
```

¹⁾

Usually to be placed in the appropriate custom resource folder.

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