Creating new database space
(called dbspace) on the RAX

Read thru these instructions carefully before proceeding, if you do not understand one or more of the steps… contact RFC Support Group for clarification or assistance.

For the purposes of this example we will create a cooked file space that will be called "n" and we will creating a new dbspace called "dbs7".

1)   Log on to the RAX system as "root" or "informix"

2)   Go to the directory where the cooked file spave will be create: cd /data

3)   Check to see what the next cooked files space should be named by looking at the current files. For our purposes the last chunk that was created was dbspacem so dbspacen is what we will use

4)   Create the chunk file: touch dbspacen

5)   Set the permissions and ownership on the chunk:
        chmod 664 dbspacen
        chown informix:informix dbspacen

6)   Go to the INFORMIX link directory:
        cd /opt/informix/links

7)   Create the necessary links to connect the designated database space with the
        ln -s /data/dbspacen datan

8)   Set the ownership to the link:
        chown informix: informix datan

9)   Decide on the name for this new dbspace that you want to create. For our purposes the new dbspace will be dbs7

10)   Take the INFORMIX server gracefully from on-line mode to quiescent mode. NOTE: During the mode change from online to quiescent the server is considered to be in "Shutdown" mode: onmode –sy

11)   Create the new dbspace by using the onspaces command
        onspaces -c –d dbs7 -p /opt/informix/links/datan -o 0 -s 1048574

where the "1048574" is the size of the dbspace in kbytes

12)   Now   take the INFORMIX server back to online mode: onmode -m