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# Purpose:

How to set up your OS/400 to use the Java Translator Option (XML). This white paper is an addendum to the Java Translator Option 5.2 white paper.

# Setting up your system to use the XML Translator

## System Setup:

* + 1. Run the WRKRDBDIRE command. The host name of the box MUST be the \*LOCAL entry on this screen. If it is not, then the current entry must be deleted and the new one added. Many times IBM will set up a system with the serial number as the host name, and it will need to be changed.
    2. GO CFGTCP option 1 (Work with TCP/IP interfaces) on this screen, the IP address that is used must be present on this screen.
    3. GO CFGTCP option 10 (Work with TCP/IP host table entries)   
       This screen requires several entries:  
        Internet Host  
        Opt Address Name  
         
        ::1 IPV6-LOOPBACK  
        IPV6-LOCALHOST  
        9.55.108.136 HOHO  
        9.55.109.70 ZOOT  
        127.0.0.1 LOOPBACK  
        LOCALHOST  
         
       The highlighted entries must be present. Also the host name must be present and have the IP address of the box listed. It the host name is not present, and then add the entry.
    4. GO CFGTCP option 12 (Change TCP/IP domain information) this screen must have the host name listed at the top and then the next parameter must have the remainder of the fully qualified path name for the box.   
         
       Host name . . . . . . . . . . . 'HOHO'   
       Domain name . . . . . . . . . . 'IRV.USTX.IBM.COM'   
       Domain search list . . . . . . . 'dub.usoh.ibm.com irv.ustx.ibm.com'   
       Host name search priority . . . \*LOCAL \*REMOTE, \*LOCAL, \*SAME   
         
       Fill out the domain search list also.

Subsystem setup:  
Configure the subsystem to have a job queue which allows at least 10 jobs to run simultaneously. It cannot be a single threaded job queue or the translator will not be able to start.

## Setup for User Profile that runs the java translator:

* 1. The user profile must have the /home/userprofile/.profile file defined as stated in the Java translator documentation. List /home/userprofile as the home directory on the user profile (WRKUSRPRF)
  2. The user profile must have a defined CCSID. It cannot be 65535. In most cases it will be 37, but if you are running in a non-English speaking country, it must be set to that country code.   
     The default for this parameter on the user profile is \*SYSVAL. To determine the \*SYSVAL, key in DSPSYSVAL QCCSID. If this value is set to 65535, then the value needs to be set on the user profile. If the system value is set to the country code, then either\*SYSVAL or 37 can be entered on the user profile CHGUSRPRF USRPRF(userprofile) CCSID(37)