

INSTALLING THE WATER BODY NAME MATCHING UTILITY AND CONFIGURING THE REQUIRED SYSTEM COMPONENTS

Operators will need to install the JAVA Runtime Environment (JRE), the JUMP framework and the required CWB plug-in(s) on their machines. Please use the following instructions to set up CWB WBNM working environment.

All of the necessary files are included on the CWB Application CD that was distributed at the training session.

1.1 Installing the JAVA Runtime Environment

To run the WBNM utility, operators will need to install the JRE version 1.4 on their machines.

- 1) JRE 1.4 is included on the CWB Application CD.
- 2) Double click the file *j2re-1_4_2_01-windows-i586.exe*
- 3) This file can be run directly from the CD or copied locally – depending on the read speed of your CD-ROM drive
- 4) Follow the on-screen prompts to set up the Java environment. It is highly recommend that users accept the setup program's default location for the JRE ("C:\Program Files\Java\j2re1.4.2_01\")

1.2 Pre-existing Versions of the JAVA Application Framework

Operators must use the JRE that is included on the CD distributed at the training session.

OTHER VERSIONS OF THE JRE ARE NOT SUPPORTED

If the JRE is already installed on your machine, remove it and use the release included on the CWB Application CD. This version contains classes that are critical to the proper function of the CWB application and to the format of deliverable session objects.

If session objects are corrupt or otherwise unusable because of a JRE discrepancy, they will NOT be accepted and the data will have to be re-processed.

1.3 Installing the JUMP Environment and the WBNM Plug-in

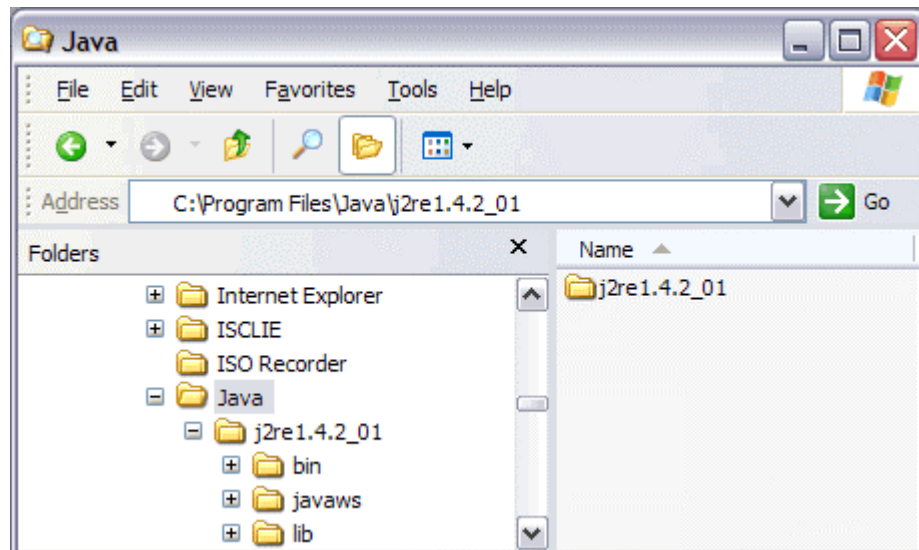
- 1) Copy the folder *WBNM Application* from the CWB Application CD to a location your hard-drive. The utility will run directly from that location.
- 2) Set the value of the system's **JAVA_HOME** environmental variable to the location of the JRE installation. From the (Windows) **CONTROL PANEL**, select:

SYSTEM > Advanced > Environmental Variables > New

Enter JAVA_HOME as the variable name, and the location of the JRE as the variable value.

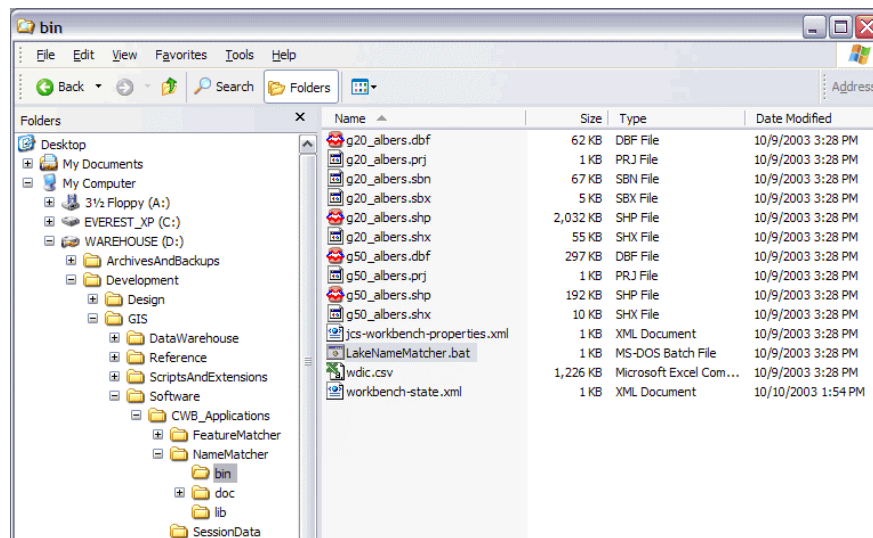
In the following example (as per the installation default), the value of the

JAVA_HOME variable would be *C:\Program Files\Java\j2re1.4.2_01*



1.4 Tips for Launching the Utility

- 1) Locate and open the folder *WBNM Application* copied from the CWB Application CD
- 2) Open the *bin* subfolder and locate the file *LakeNameMatcher.bat*



- 3) To run the utility, double-click *LakeNameMatcher.bat*

hint* A shortcut can be created to this .BAT file and placed at any location on the system from which the utility would be accessed (i.e. The **Windows Desktop** or **Start Menu**).

1.5 Obtaining CWB Data Packages

Packages containing the operational and reference datasets for a given watershed group will be distributed via FTP to individual operators as follows:

- 1) Using an file transfer protocol (FTP) client , connect anonymously to:

ftp://fshftp.env.gov.bc.ca/pub/outgoing/cwb_wbnm/

- 2) From here operators can change directories to the *<MajorDrainageName>* subfolder - Where *<MajorDrainageName>* is the name of one of the larger drainage groups in the area (i.e. *Columbia*).
- 3) This directory contains all of the watershed packages within that parent drainage for processing.
- 4) At their discretion, users may download the watershed packages assigned to them, to a preferred location their machine.

1.6 Opening Dataset Packages in the CWB Utility

Loading datasets into new CWB matching sessions, saving your work, re-opening saved sessions and other operational information pertinent to this project is presented forthcoming.

1.7 Minimal System Requirements

The following system specifications and display parameters are the minimum required for operation:

System Specifications:

- Pentium III / 1.0 GHz processor
- 512 Mb RAM
- 17" display screen

Display Parameters:

- screen resolution of 1280 x 1024 pixels
- a colour setting of at 24 bit (High Colour), although 32 bit (True Colour) is strongly recommended

1.8 Updates to the CWB Application Files

Any updates to the JUMP or CWB utility files will be sent to operators and production supervisors by email. Update notifications will contain instructions for applying the updated files (patches), and the patches themselves (as binary attachments), or instructions on how to download the patches from a remote server.