Setting up IC 6.1 for IBM V1.6.2.5

Copy the run files into your working directory (note the period at the end of the command):

cp -R /opt/cadence/designKits/setupFiles/IBM_1.6.2.5_IC614/ .

Switch into the IBM directory you just copied:

cd IBM_1.6.2.5_IC614/

Setup your environment (everytime you run virtuoso):

source bashrc-64

Run virtuoso:

virtuoso &

Setting up a new library:

Start the IBM Library Creation Wizard from the CIW:

IBM_PDK → Library → Create

Library:
Create a new library in your library folder.

Technology File:
Reference existing technology libraries
        → cmrf8sf (leave other options as the default)

Layout:

Viewing all metal layers:

Options → Display
        Display Levels:
                Start: 0
                Stop: 6

Turn off Gravity:

Options → Editor
        Gravity Controls:
                Gravity On: Uncheck
                Types: Check none

Simulations:

You must connect a vdc = 1.2V between VDD and GND for simulations to work.