WRF Domain Wizard / HWRF

A GUI for the WRF Preprocessing System

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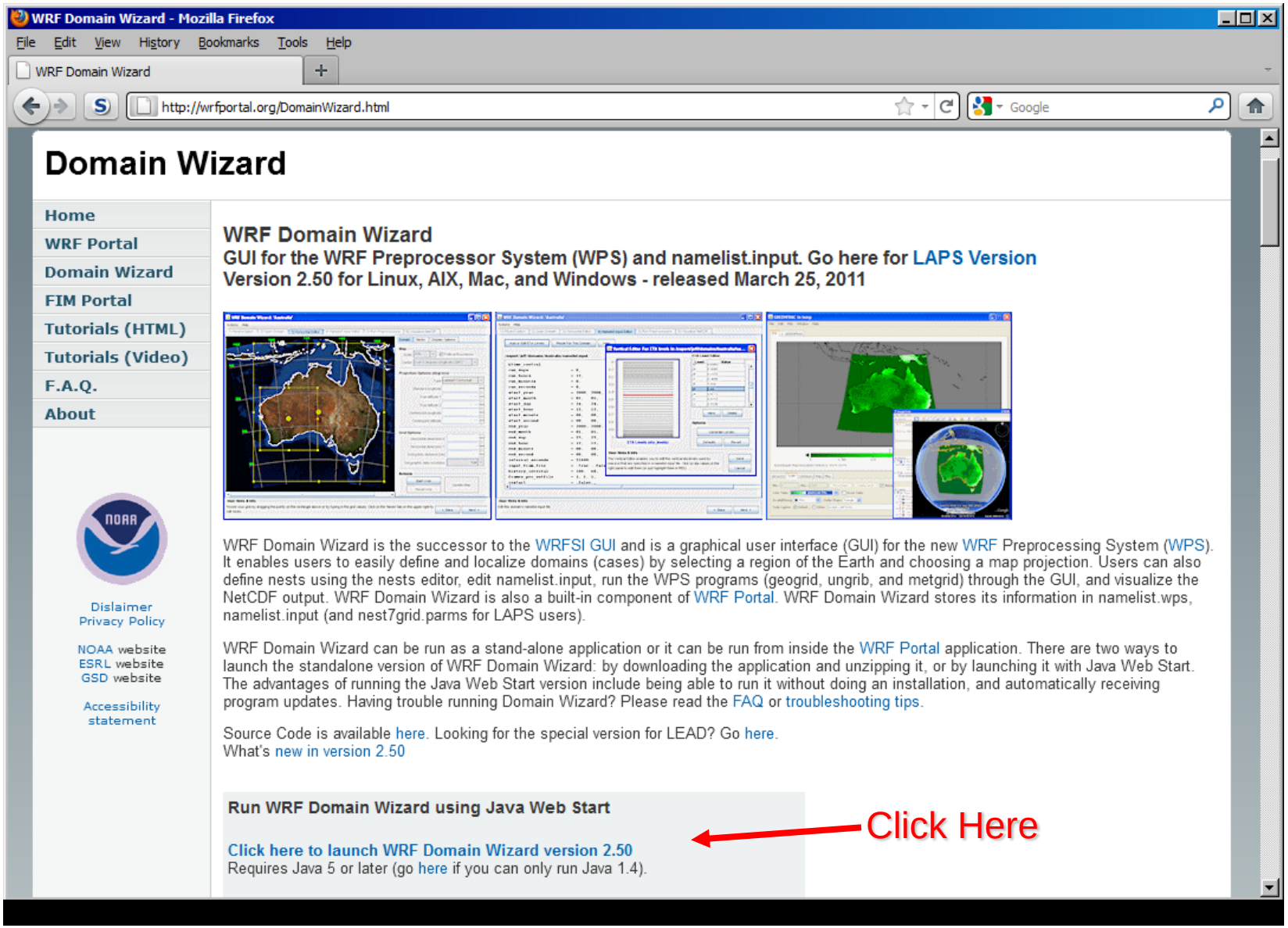
What is WRF Domain Wizard?

- The graphical user interface for WPS
- For HWRF users
  - Imports a storm from a TCVITALS file
  - Creates HWRF domain (following same logic as hwrfdomain.ksh script)
  - Writes information to namelist.wps
  - Run the WPS programs
- WDW Version 2.5 released on March 25, 2011
  - New release coming next week (May 2011)
  - Supports Linux (including Ubuntu now), AIX, Mac, Windows

WRF Domain Wizard Technical Info -1

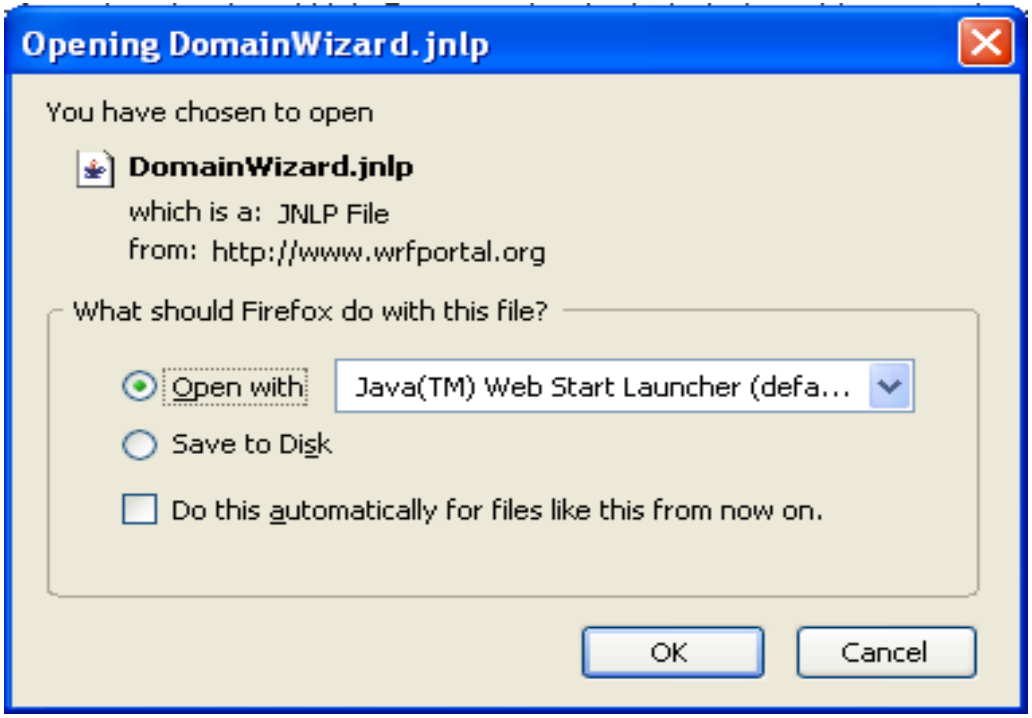
- Software is written in Java
  - Minimum (Java) JRE 1.5
  - JRE 1.6 recommended for best performance
  - Runs on local computer or remote computer
  - Uses SFTP/SSH-2 to connect to remote computers
  - Can be run “locally” on a remote computer with X display forwarding
  - Can be run from web page as a Java Web Start app or download .zip file and run from the command line
  - 390 MB of RAM, 1024 x 768 (or better) video display
- Does not include WPS (must download/compile that separately)

WRF Domain Wizard – How to Run



WRF Domain Wizard – How to Run

- Run using Java Web Start



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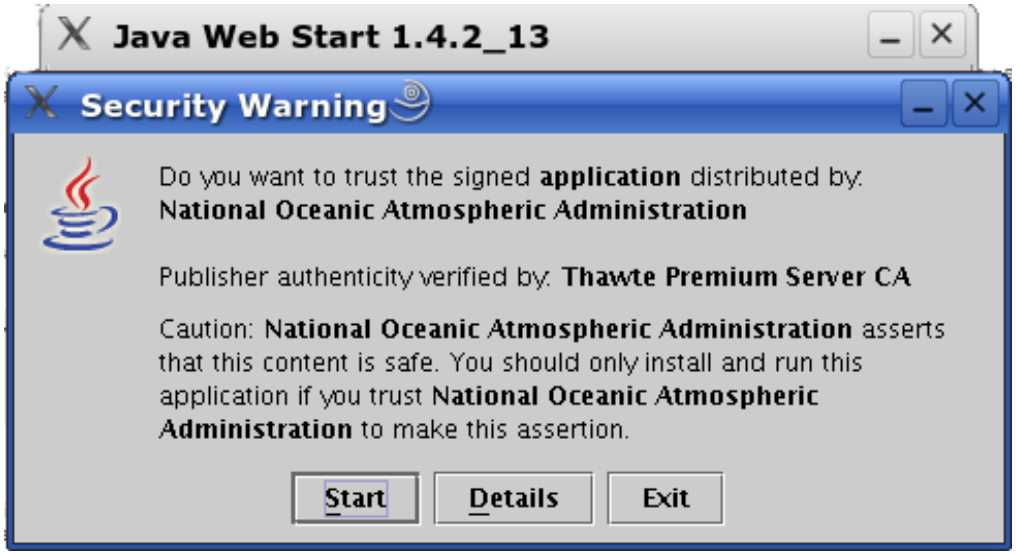
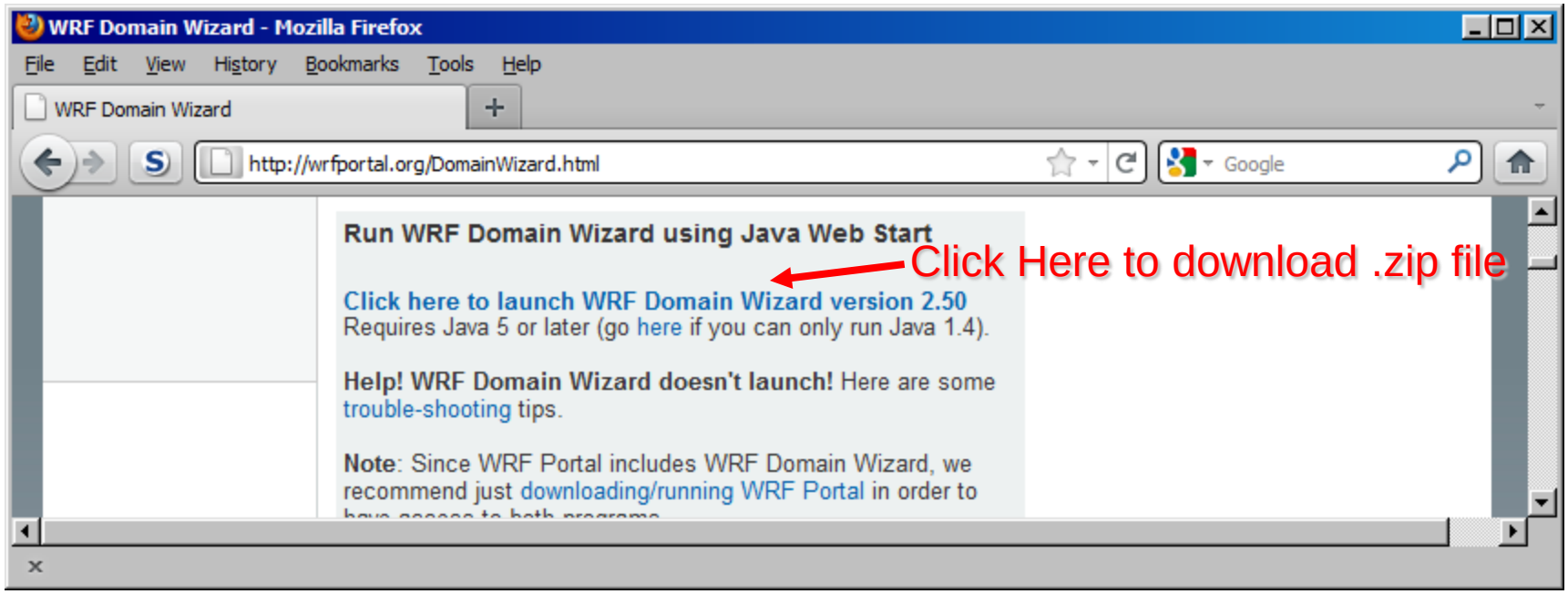


Trust us, we're the United States Government.

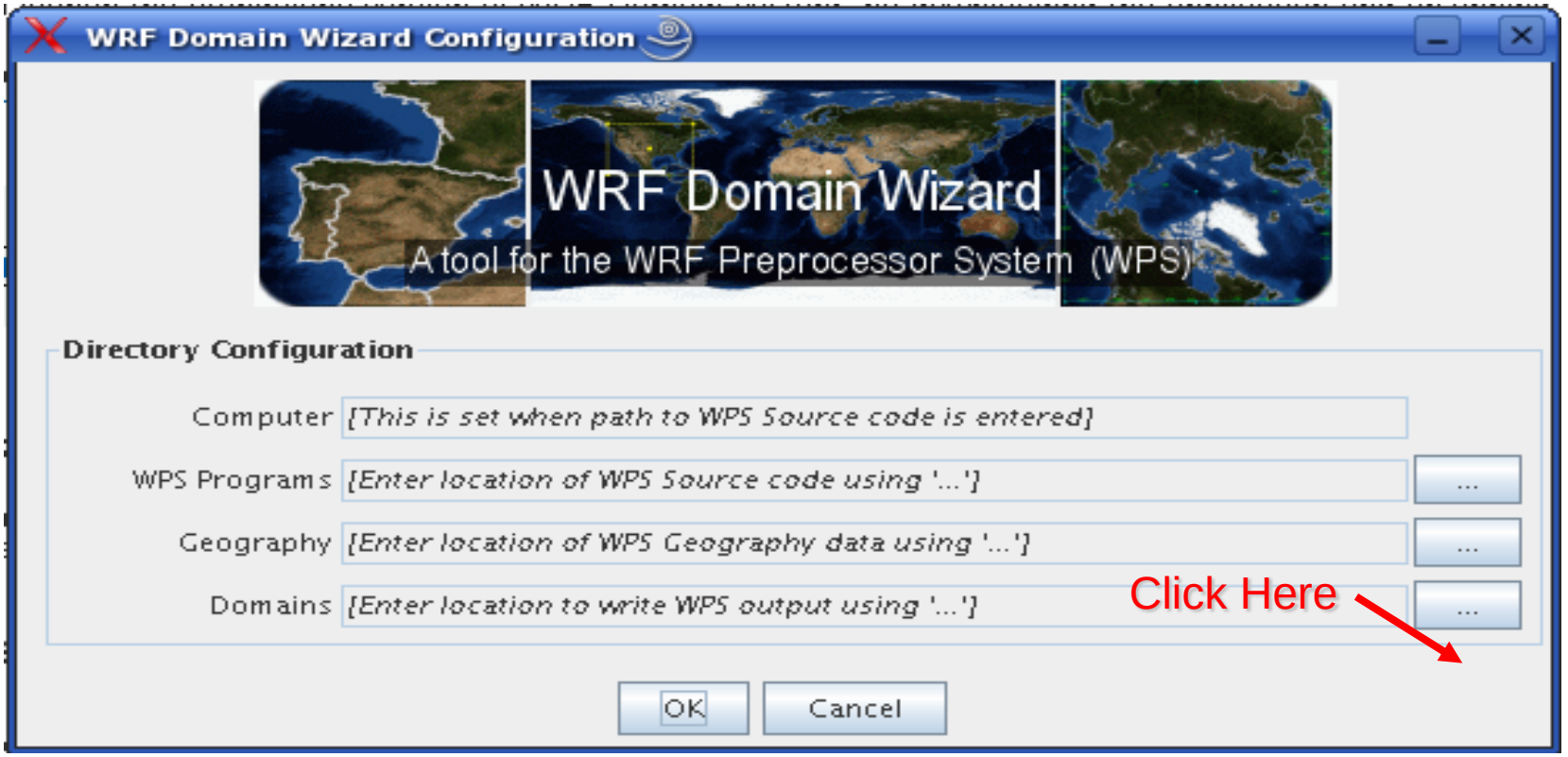
WRF Domain Wizard – How to Run (from Zip)



- Download zip file from web link and run
  - Download the **WRFDomainWizard.zip** to e.g. c:\WRFDomainWizard or /home/WRFDomainWizard
  - Follow the instructions on the web page

WRF Domain Wizard Configuration Window

- This window pops up when you start WDW

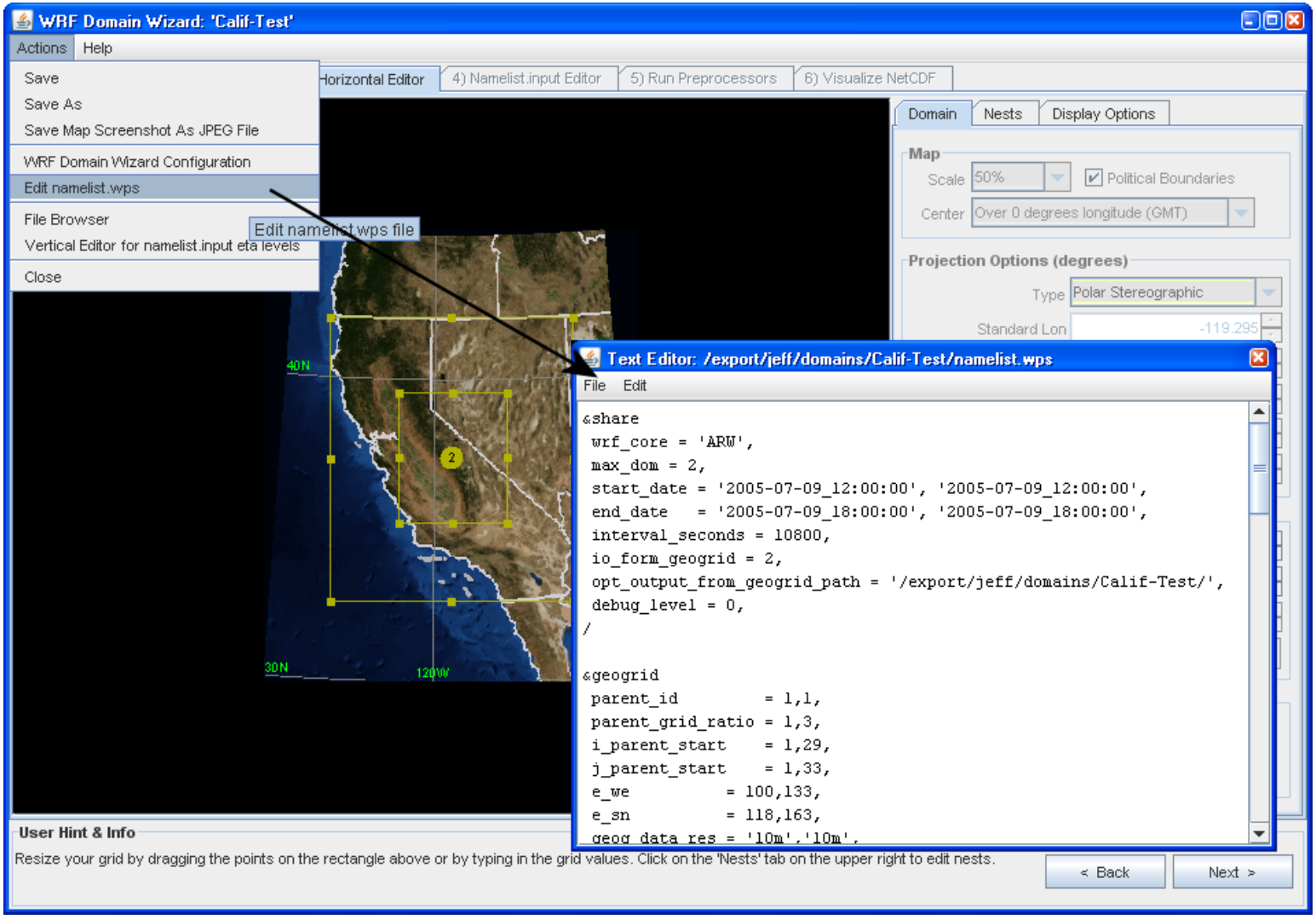


Video (flash) tutorial:

http://wrfportal.org/tutorial-flash/tutorial-DW-HWRF.html

WRF Domain Wizard Tutorial -6

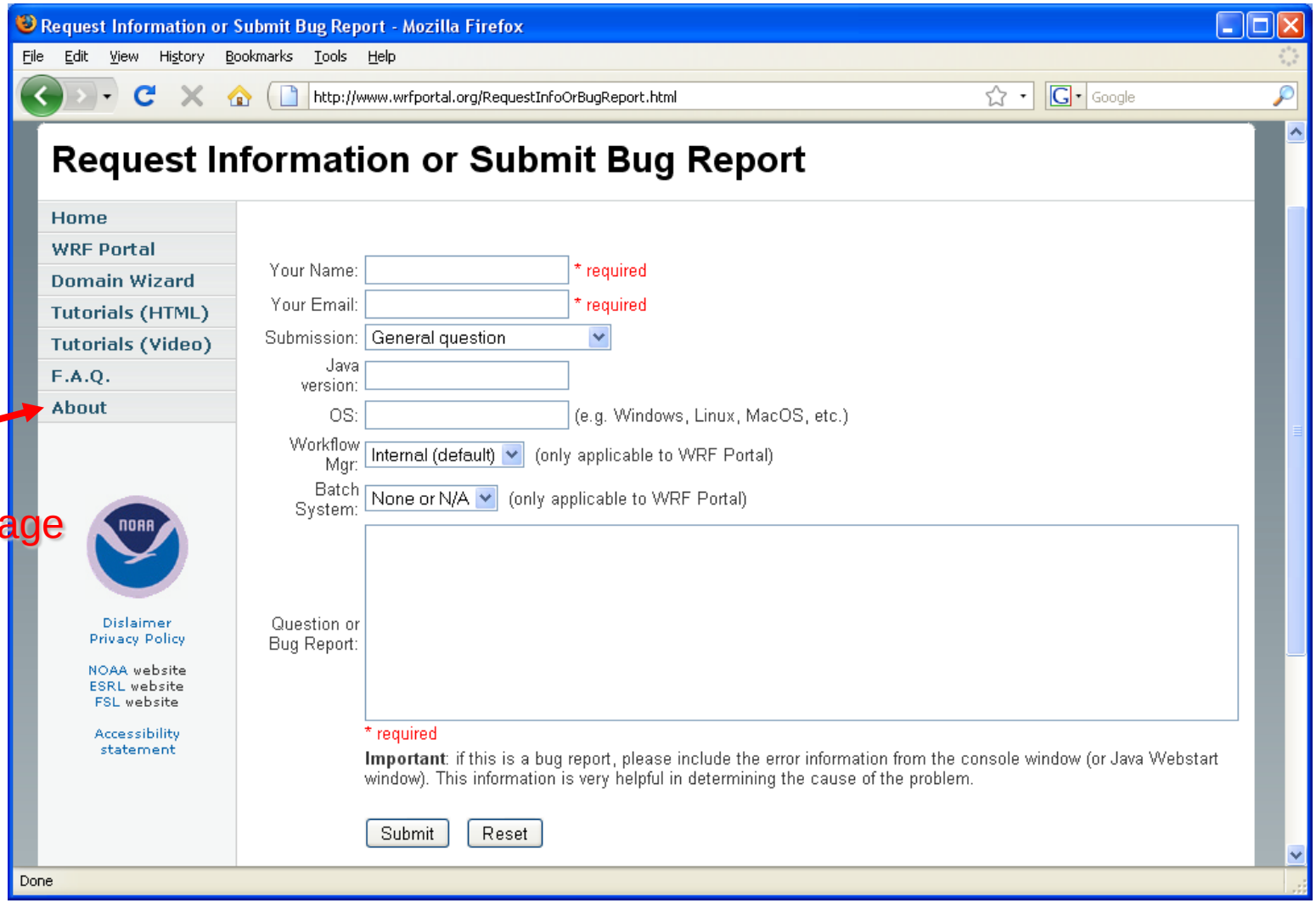
Can edit namelist.wps manually file in built-in text editor



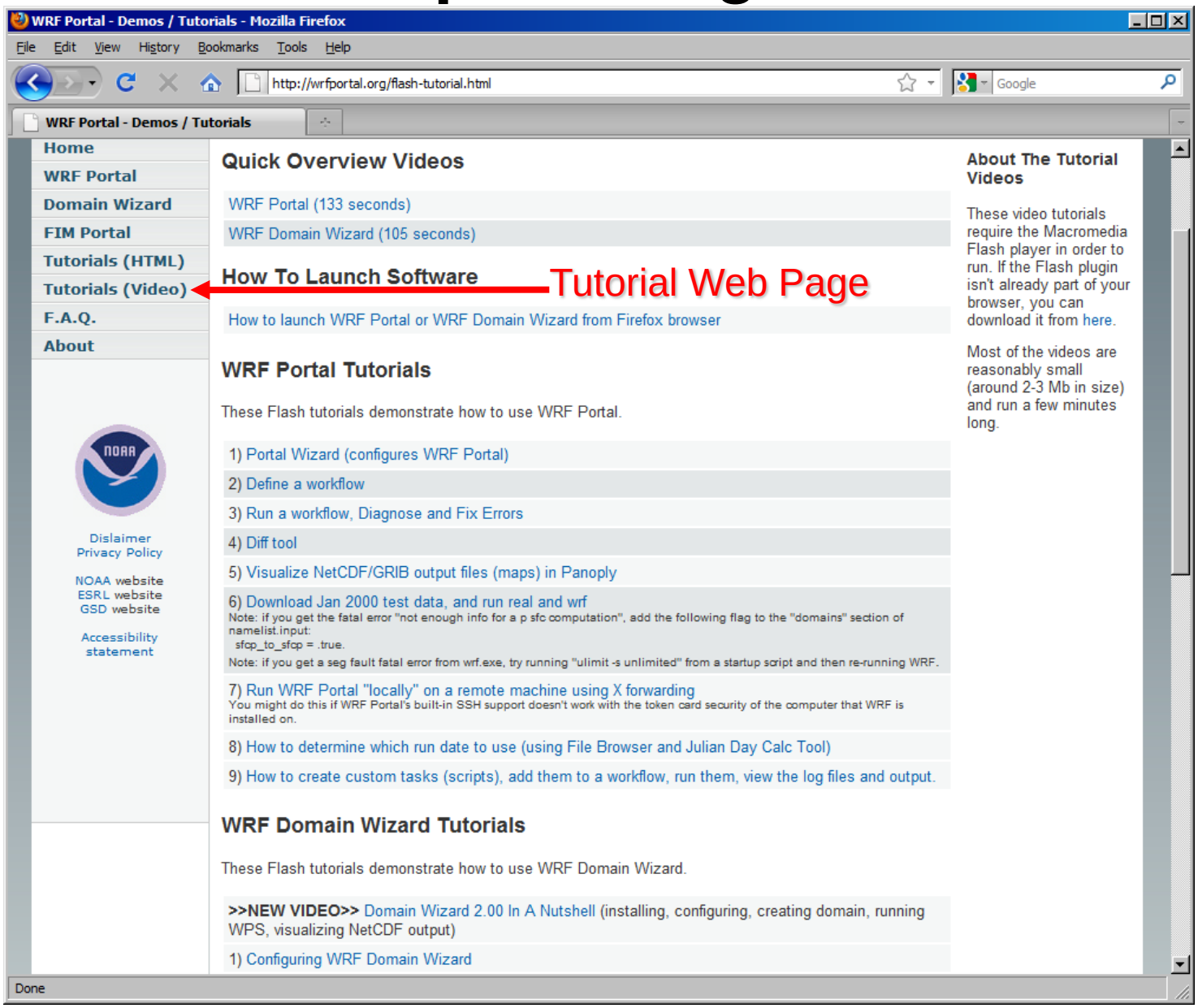
WRF Domain Wizard Support

- Web form for submitting bug reports or to ask questions: http://wrfportal.org/RequestInfoOrBugReport.html

Link on About Page



Tutorials on wrfportal.org



Thank you!

You can contact me at wrfportal.org

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