

# Module: RSET\_WebInterface

RSET: script

RSET: exe

RSET: separate module

external software

User action

Website section

(html/php)

[satetmodel.html](#)  
(Webinterface)

Link: signup  
(new user)

Button: login  
(existing user)

[register.html](#)  
(enter new user data)

[loginuser.php](#)  
(verify user)

[register.php](#)  
(store data)

Button: register

[member.php](#)  
(Main page)

[membermail.php](#)  
(send notification mail)

**Section:**  
[Submit a query](#)

**Section:**  
[Results: Image visualizations](#)  
(creates a spatial display for one time point)

**Section:**  
[Results: Graph Plots](#)  
(creates a time series for one spatial point)

Button: Submit query

[driver.php](#)  
(saves user input)

➤ Data file selection  
➤ Button: Select

➤ Data file selection  
➤ Button: Create Graphs

[test.php](#)  
(lat/long selection)

Button: Visualize

[result.php](#)  
(display bmp file and download links to txt & kml files)

[runaction.php](#)  
(get data out of database and pass to test8.exe)

**Module:**  
RSET\_Processor

(c/c++)

[test3.exe](#)  
(create polygon overlay)

[test2.exe](#)  
(creates bmp, kml and txt files)

[test8.exe](#)  
(create time series)

[pgnuplot.exe](#)  
(plot time series graph)

