

Cornell Spider Installation and Use

Spider is a free open-source tool provided by Cornell University. Udit has selected this tool to find personally identifiable information (PII) on user desktops, laptops, and removable media. Spider is 95%+ accurate in regards to finding PII data. The installation file can be downloaded here:

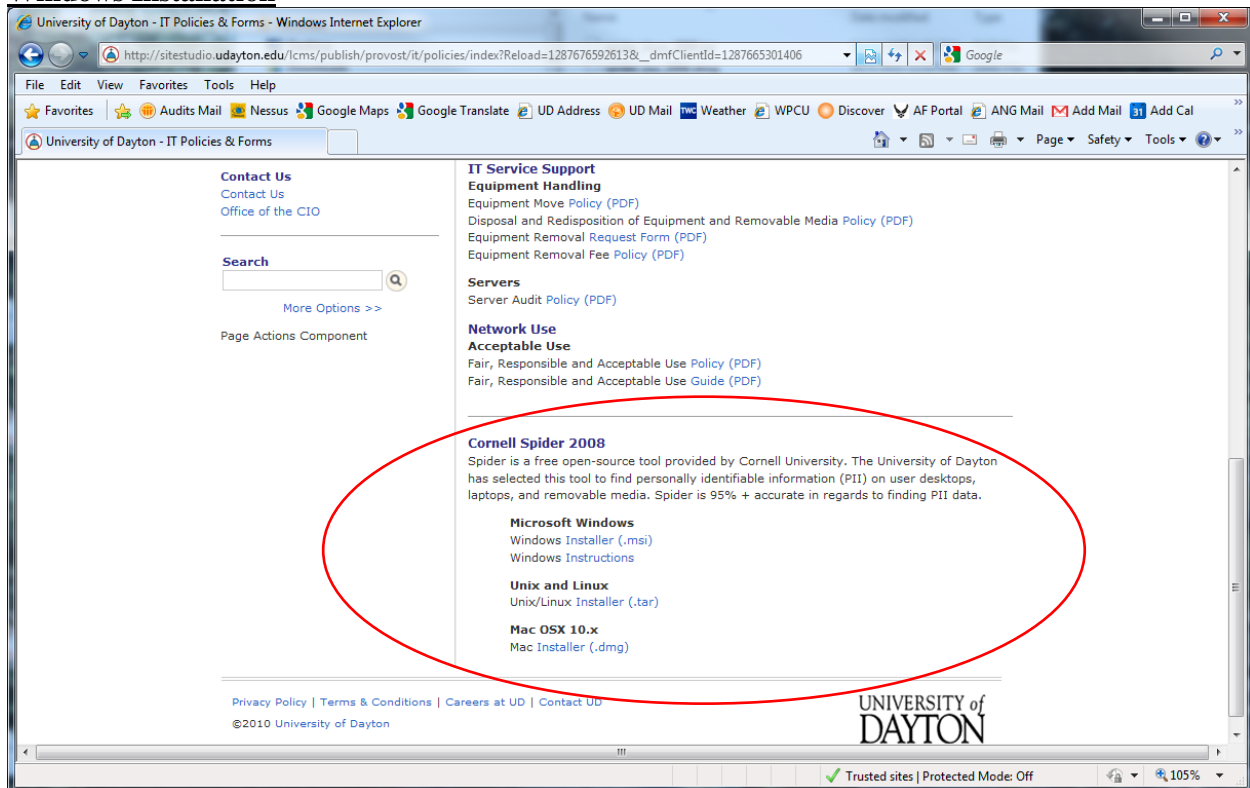
Windows Installation- http://community.udayton.edu/provost/it/policies/documents/spider_win_2008.msi

Unix/Linux Installation- http://community.udayton.edu/provost/it/policies/documents/spider_linux_2008.tar

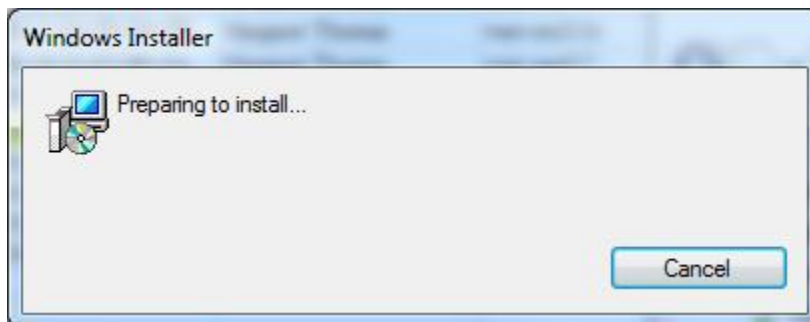
Mac Installation- http://community.udayton.edu/provost/it/policies/documents/spider_osx_2008.dmg

Cornell Online Help- <http://www2.cit.cornell.edu/security/tools/documentation/index.htm>

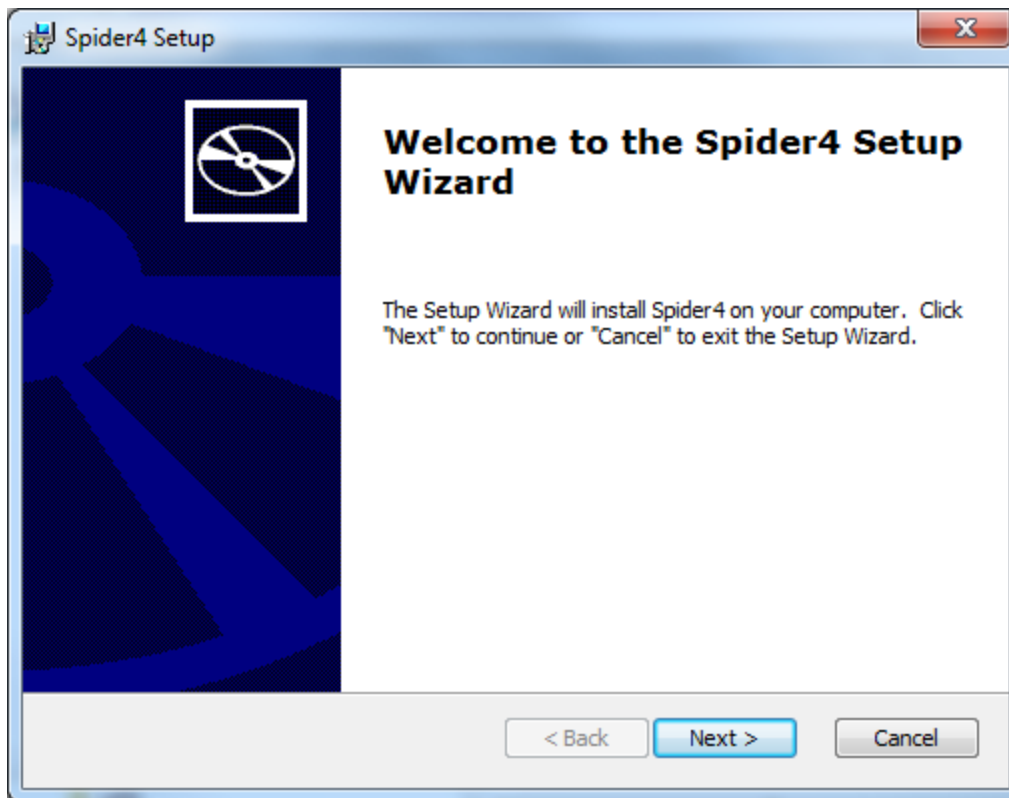
Windows Installation



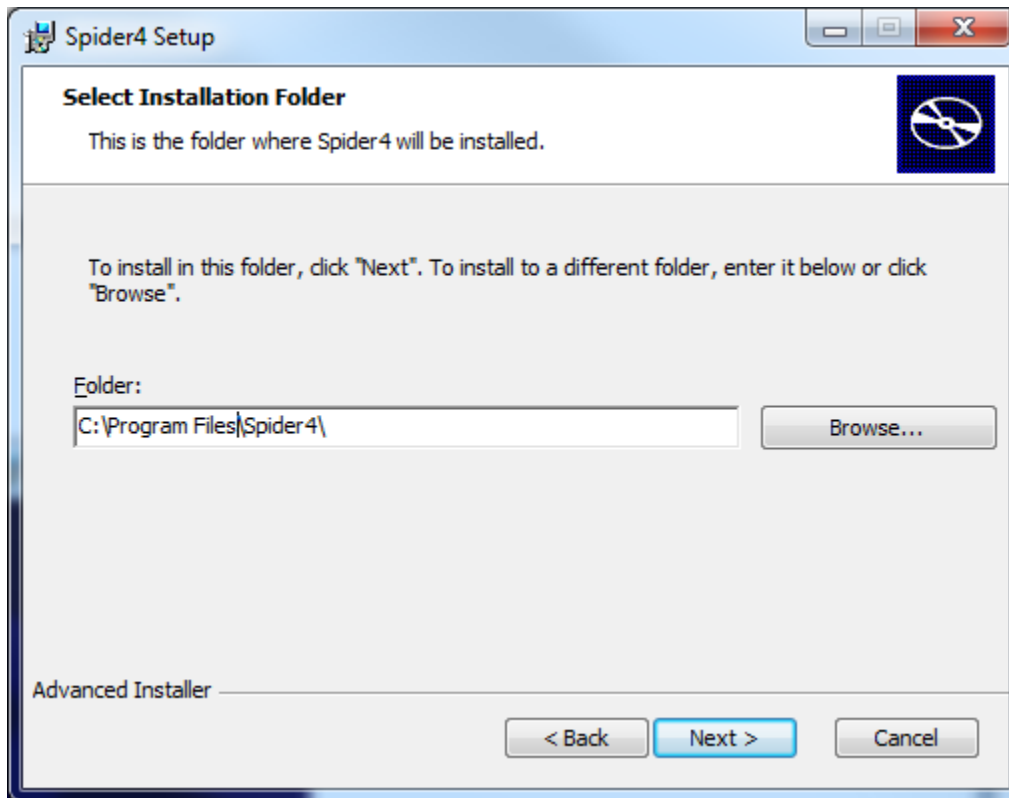
Click the **Windows Installer (.msi)** link and select Open



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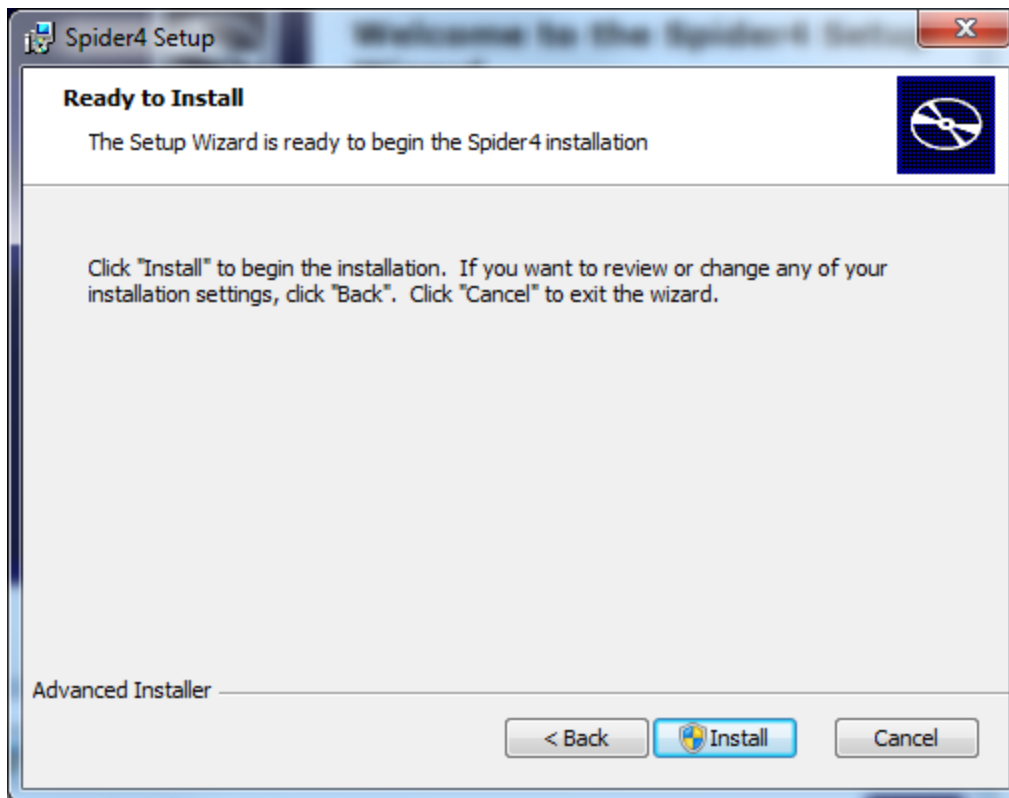


Click *Next*

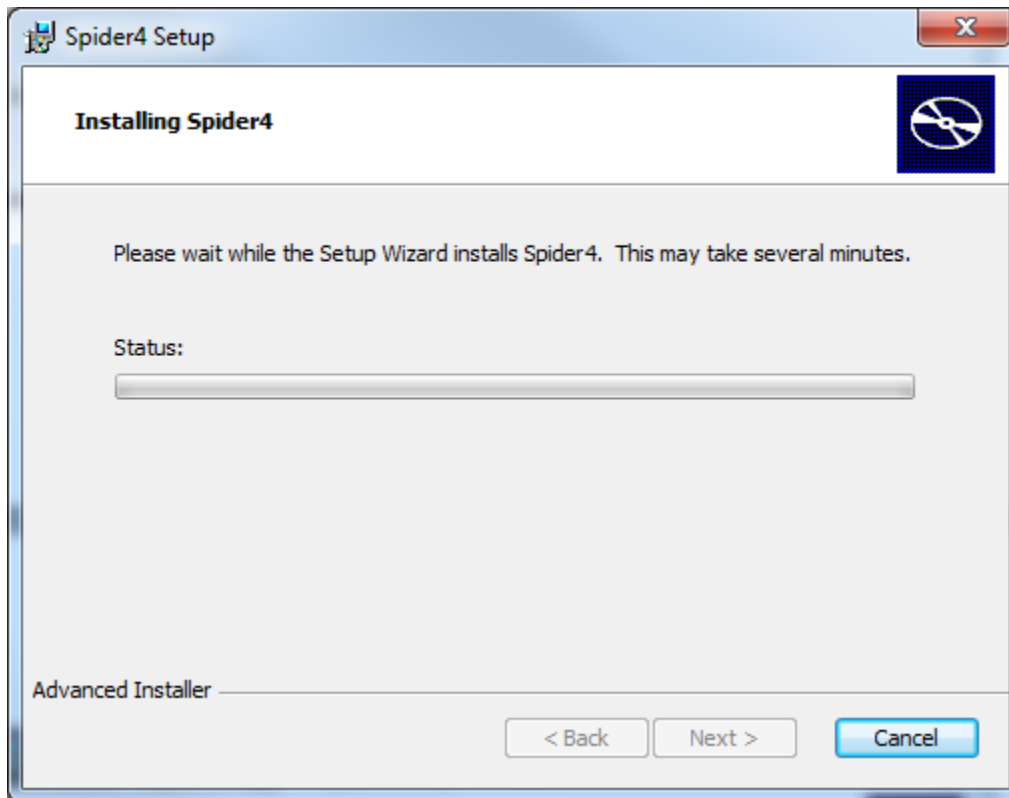


Accept the default folder and click *Next*

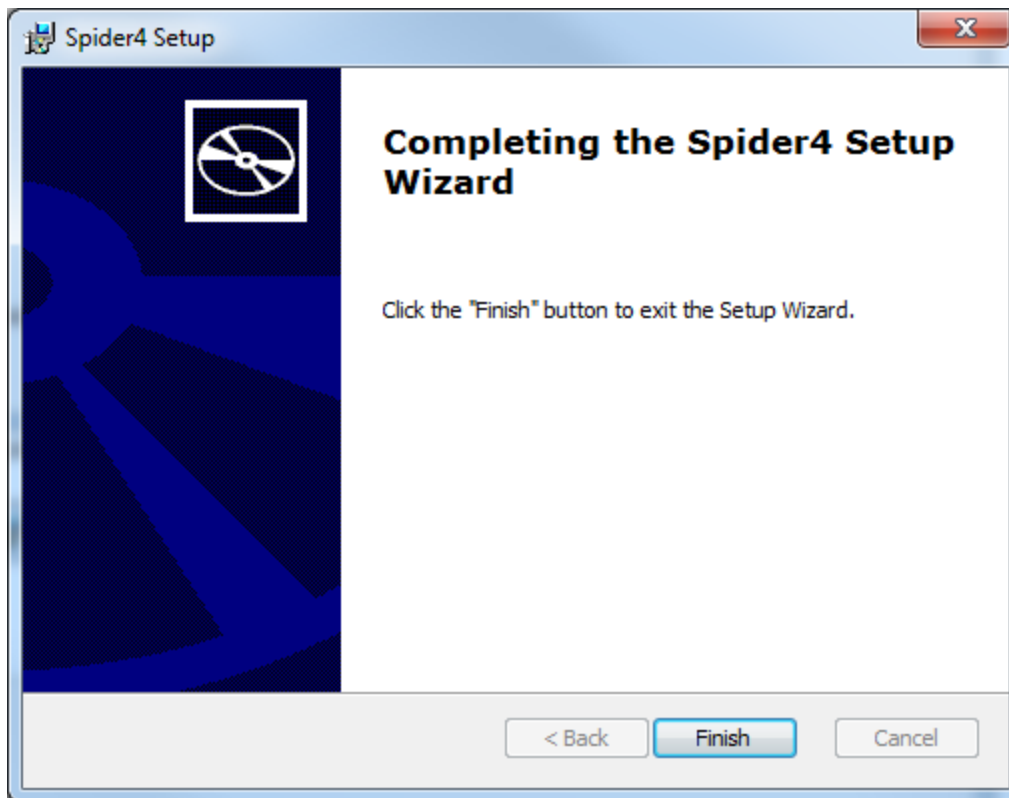
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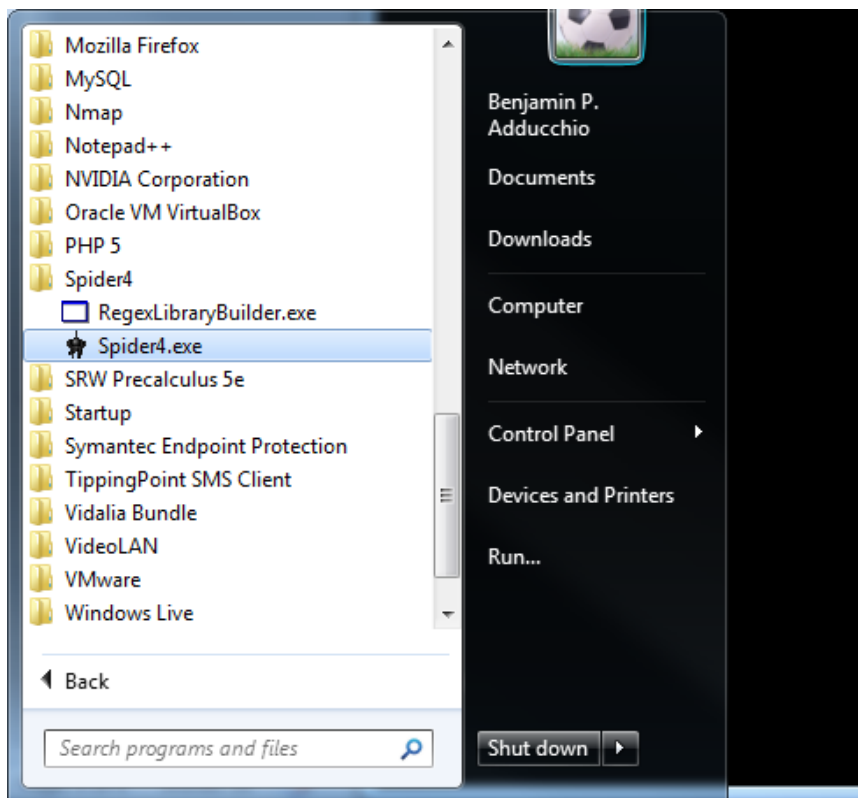
Click *Install*



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Click **Finish**

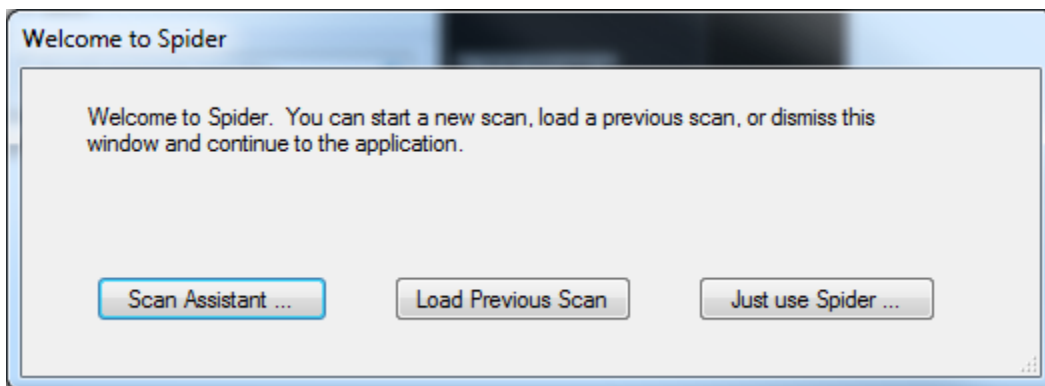


Open **Start > Programs > Spider4 > Spider4.exe**

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Wait for program to load

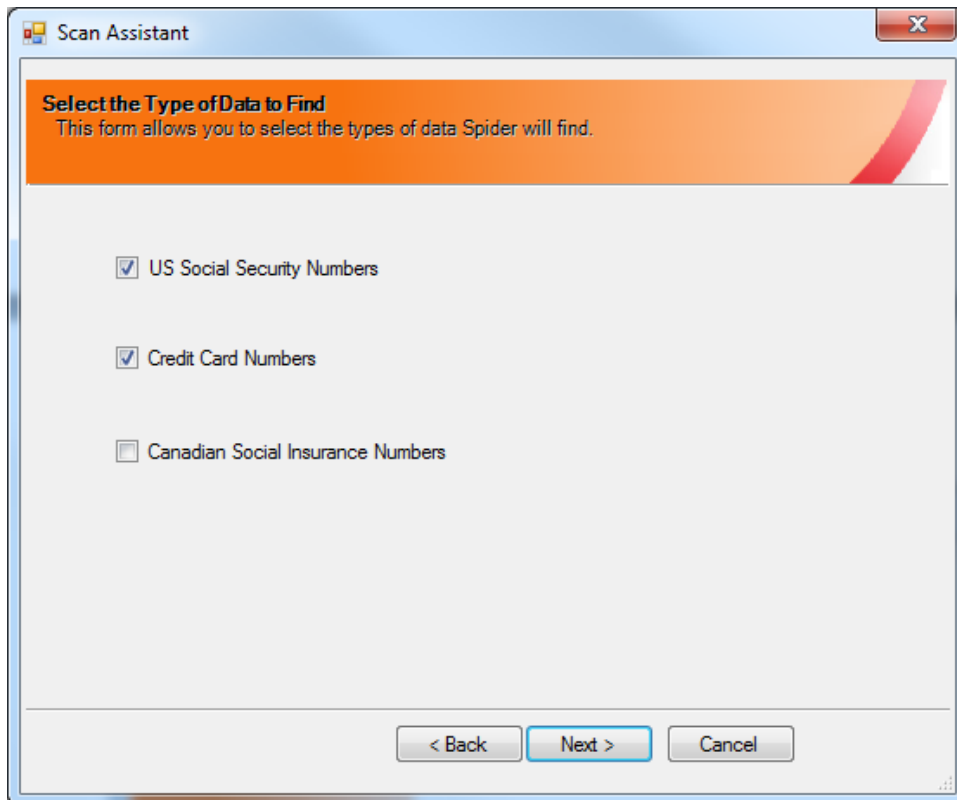


Select *Scan Assistant*

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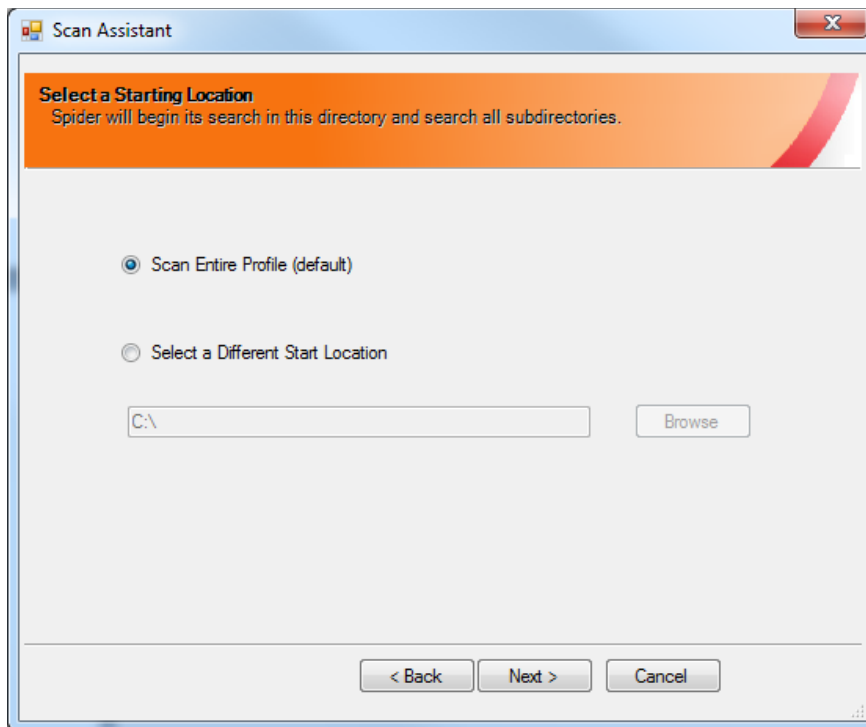


Click Next



Accept the default and click *Next*

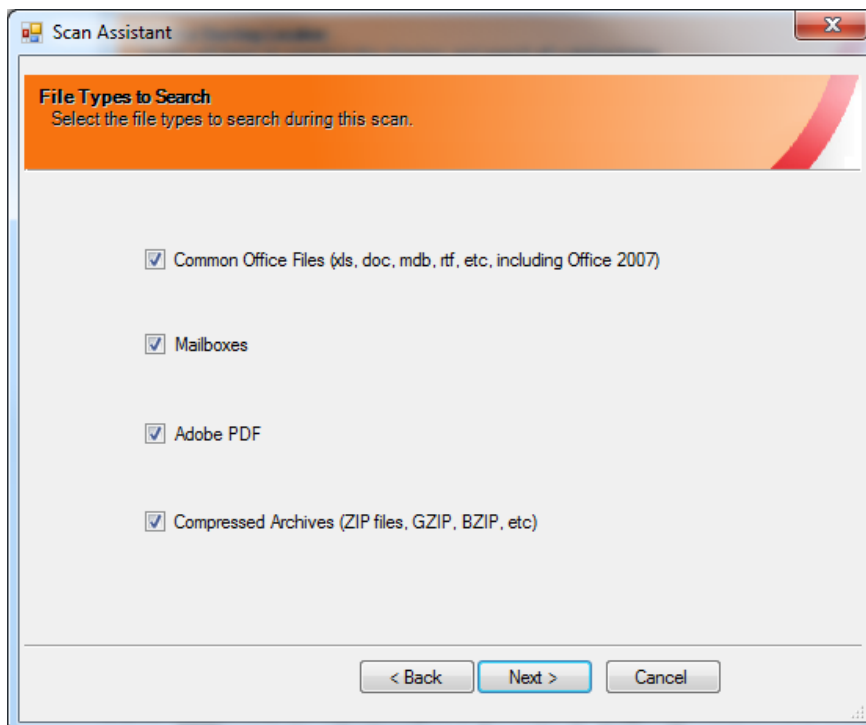
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By default Spider only scans your user profile, *Scan Entire Profile (default)*.

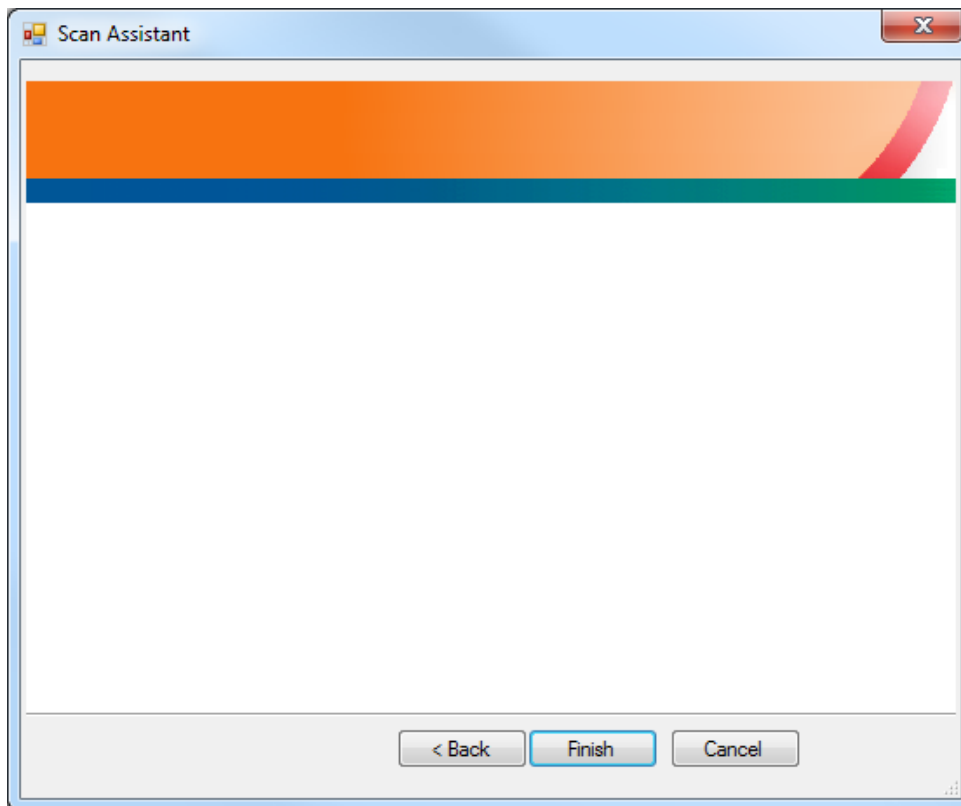
If you wish to scan the entire computer, click *Select a Different Start Location* and type **C:**
**Please note, selecting to scan the entire C: drive will require you to run the program as an administrator, and the scan may take longer to complete.

After selecting your preferred scan method, click *Next*

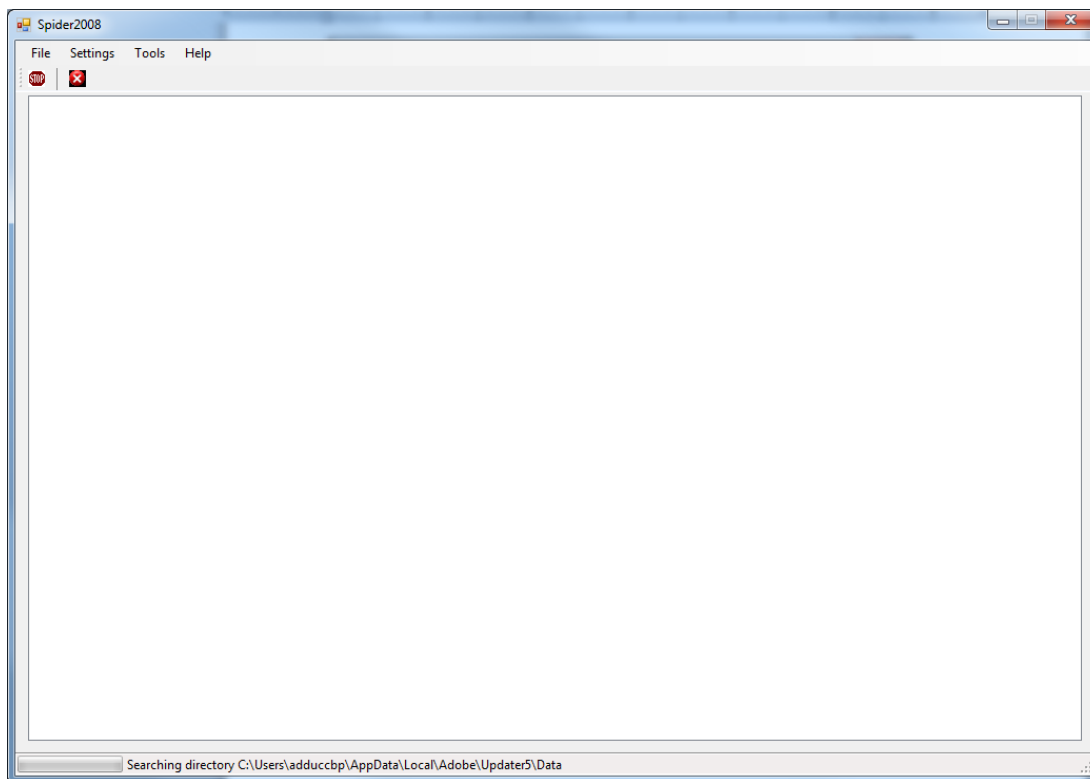


Accept the defaults and click *Next*

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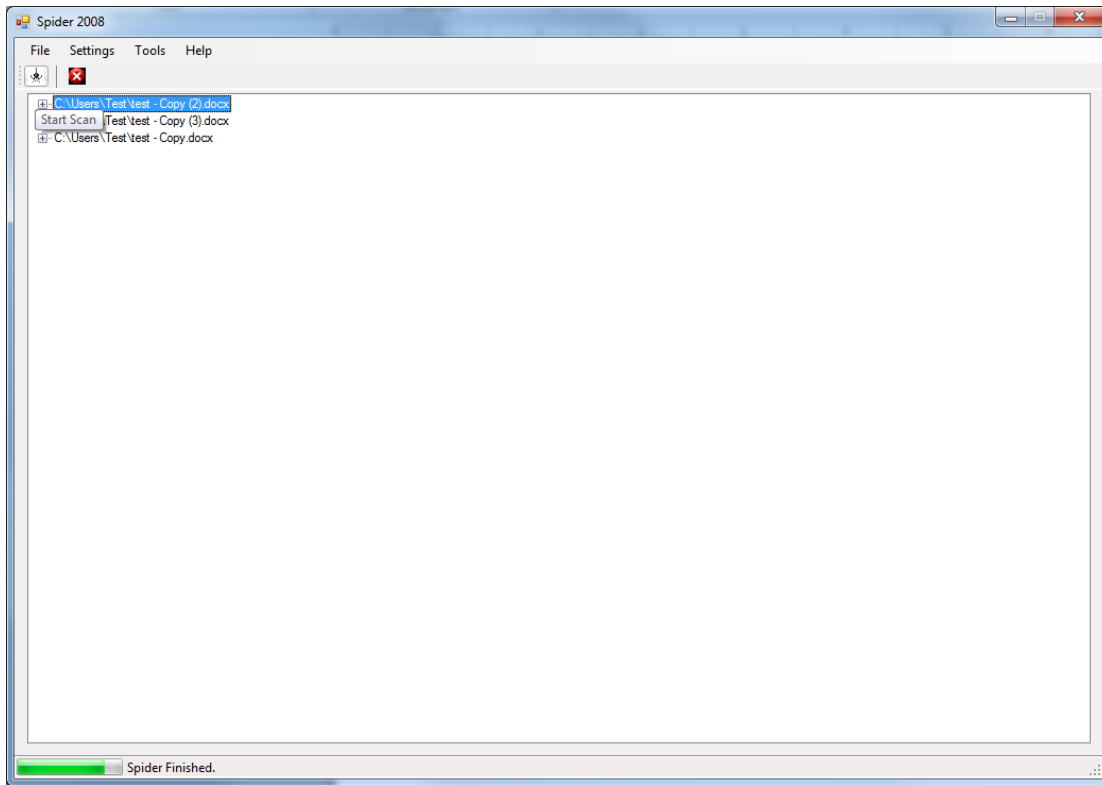


Click ***Finish*** to begin the scan

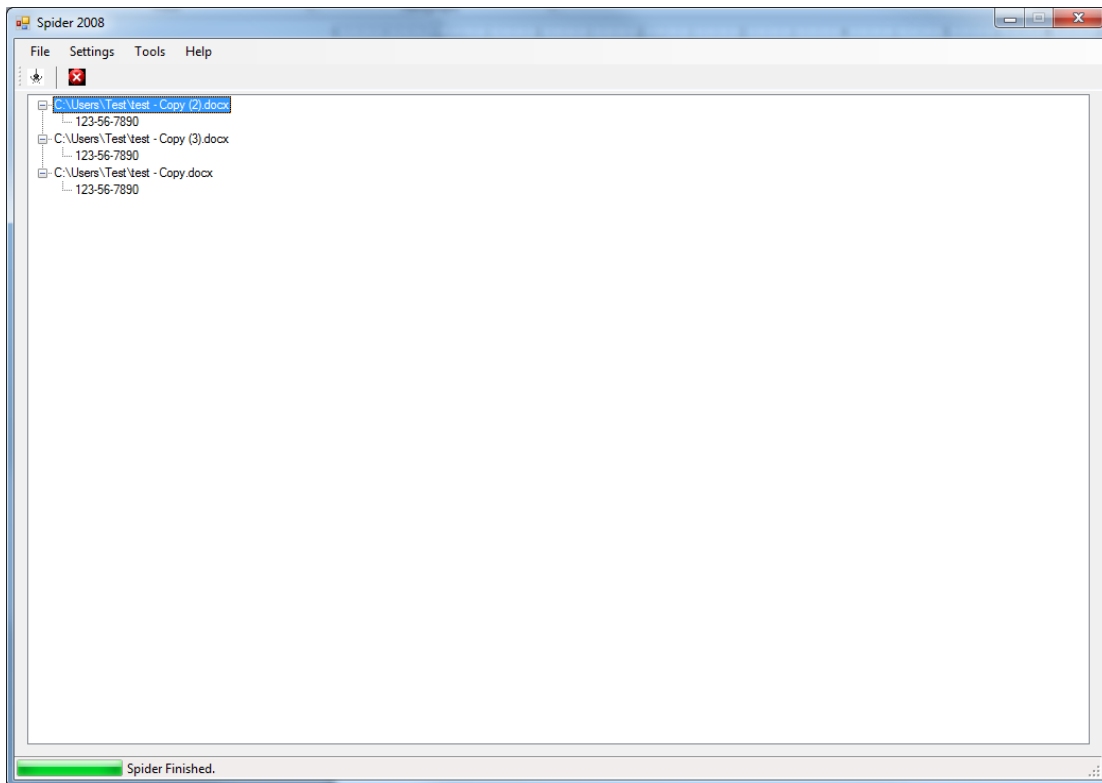


The scanning screen is displayed and lists potential PII found on your system
If you selected ***Scan Entire Profile (default)***, the scan should take ~ 1 hour.

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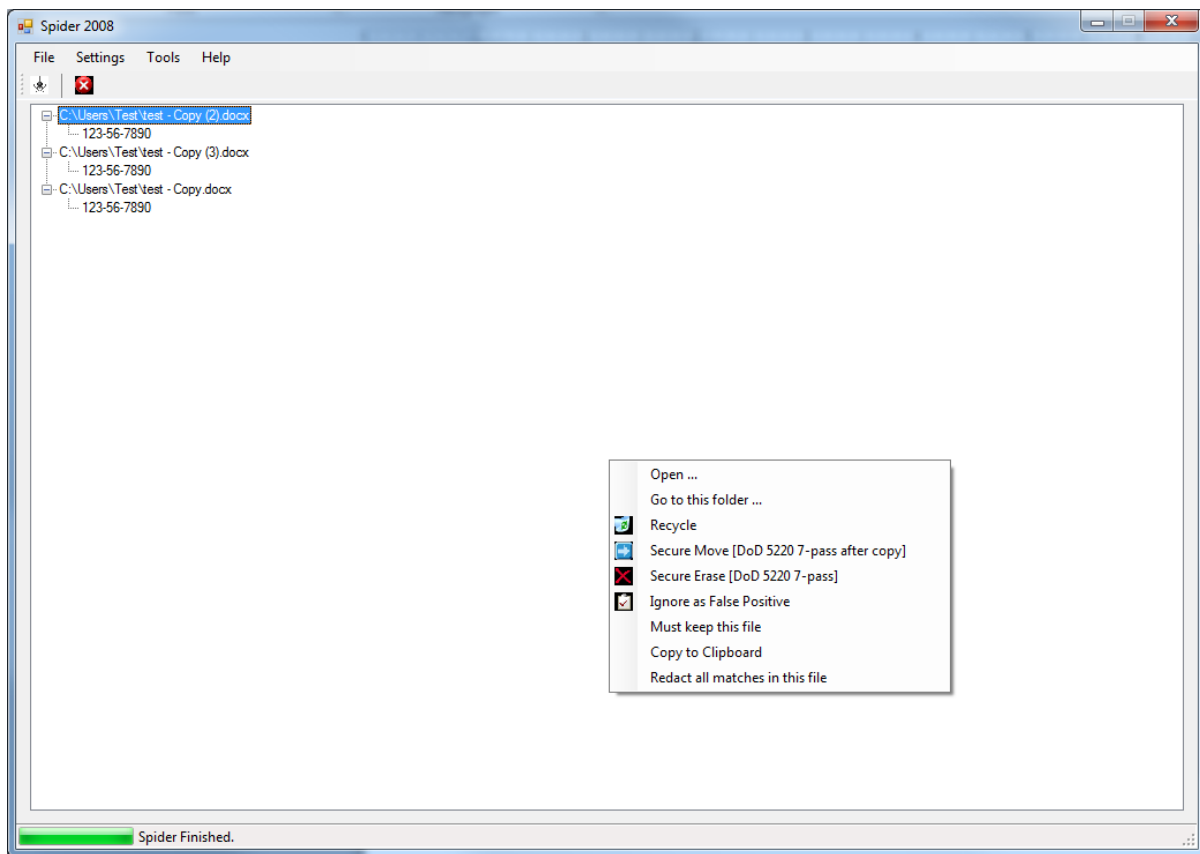


When the scan is complete it will state *Spider Finished* in the bottom left hand corner



Expand each found instance and validate if it is PII or a false positive. Remember, Spider is basically looking for strings of numbers.

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You may right click the object to open the file, open the folder location, or any number of other actions.

IF YOU DO NOT NEED IT, DELETE IT!

Please contact the Udit Risk Management Office if you have any questions or concerns about this scan.