









File Management in SMART|DT

The next slides contain the steps required to set the working directory in SMART|DT, as well as opening and saving files in the GUI.

For a complete guide on the installation of the SMART|DT software, visit this link: https://smartdtsoftware.wixsite.com/smart/copy-of-agenda









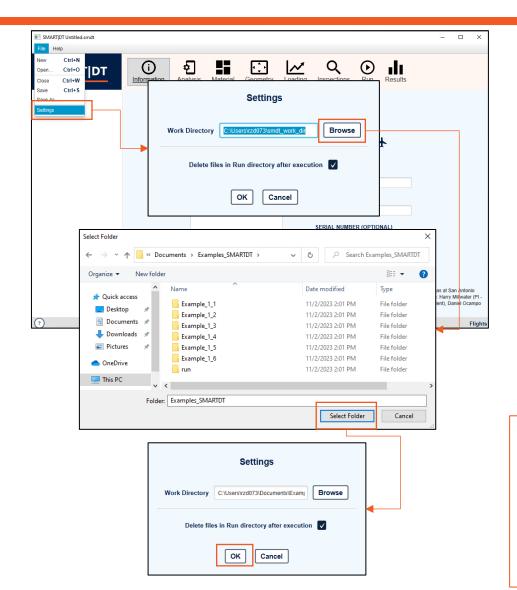


Windows Version



Setting The Working Directory





- Open the SMART|DT GUI. Click the File menu at the top left corner of the screen and select the Settings button. A pop-up window will appear.
- Click the Browse button and select the folder that will be used as the working directory. Click the Select Folder button to confirm the selection.
- The name of the selected folder should now be visible in the Settings pop-up window. Click the OK button to save the selection.

- The Working Directory is the folder that SMART|DT will automatically use to open and save files generated during the run.
- The location of this folder can be changed at anytime.

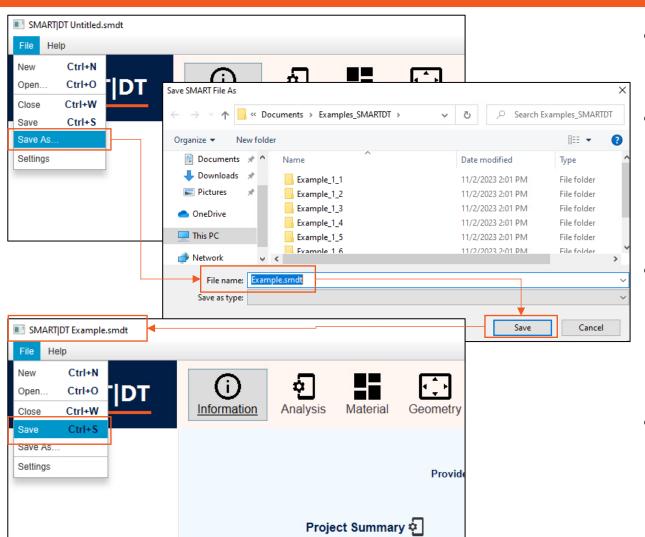






Saving a .smdt File





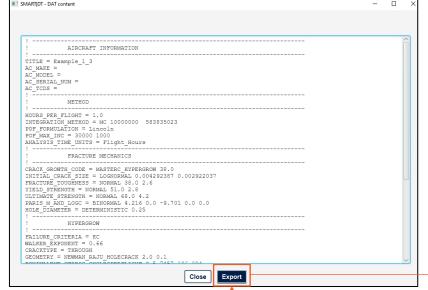
- Open the File menu and select the Save As... option.
- A pop-up window will appear and it will open at the Working Directory folder.
 Name the .smdt file and click the Save button.
- The file will have been successfully saved if the name at the top of the GUI changes to the one selected in the previous step.
- Continue to save your progress and/or the end results by opening the File menu and selecting the Save button.

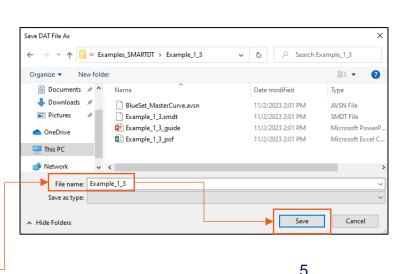




- 1) A .smdt file that contains results will save both the files generated during the run in the **Run Pane** as well as the SFPOF plot from the **Results** pane.
- All this information, as well as the inputs used for the run, will be contained within the .smdt file and will only become visible once the file is reopened in the GUI.
- 3) It is also possible to save the **Run Pane** files individually, such that opening the .smdt file is not required to view them. An example of this procedure is shown below:











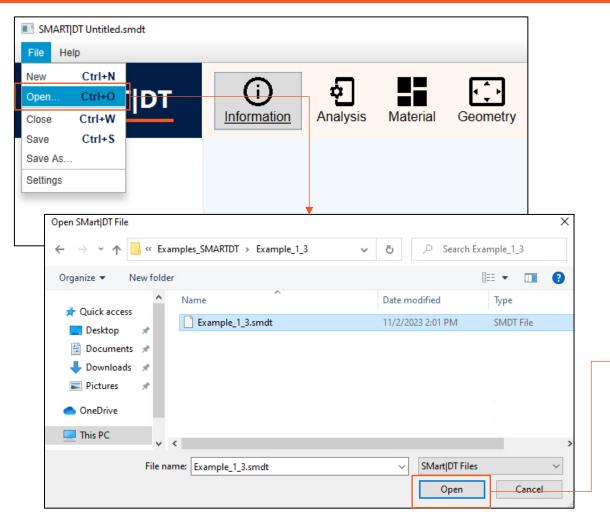
- 4) Some examples in this set will prompt the user to load different types of files into the GUI: Master Curves (.avsn), beta tables (.csv) and tabular EIFS (.csv). All files required to perform a run **must** be located at the same folder where the .smdt file is saved.
- 5) It is advised to also save the Run Pane files in the same folder as the .smdt file.



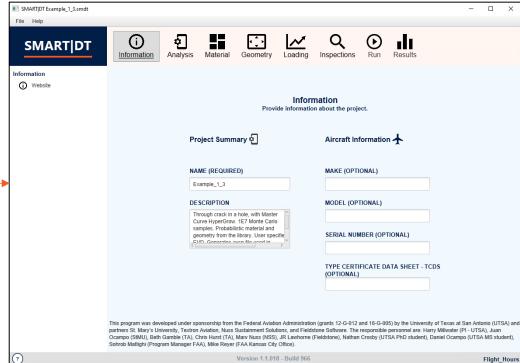
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Opening a Saved .smdt File





 Open the File menu and click the Open option. Browse and select the .smdt that you wish to open and click the Open button.



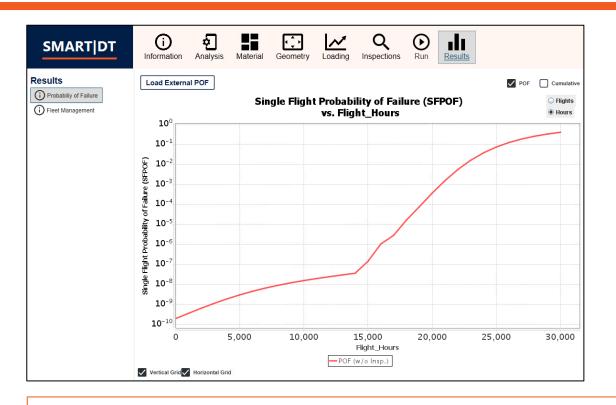






Opening a Saved .smdt File (Cont.)







Note:

1) If the .smdt contains results from a previous run, it is not necessary to re-run the file to view the results. It is possible to directly view them by clicking the **Results** pane, or by opening the available results files (DAT, POF, OUT) in the **Run** pane.











MacOS Version (Intel version only)

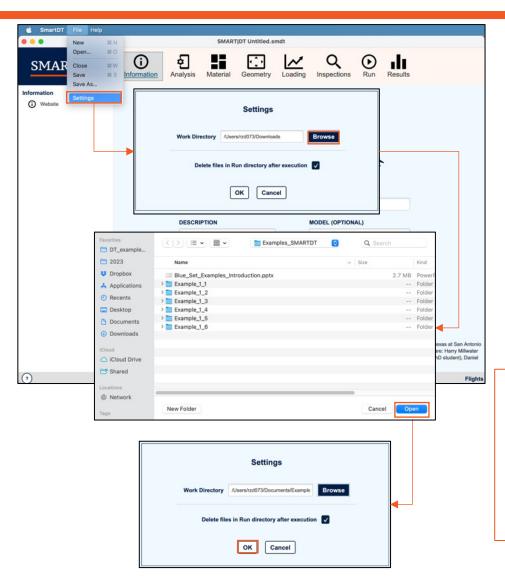






Setting The Working Directory





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- Click the Browse button and select the folder that will be used as the working directory. Click the Open button to confirm the selection.
- The name of the selected folder should now be visible in the Settings pop-up window. Click the OK button to save the selection.

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- 2) The location of this folder can be changed at anytime.

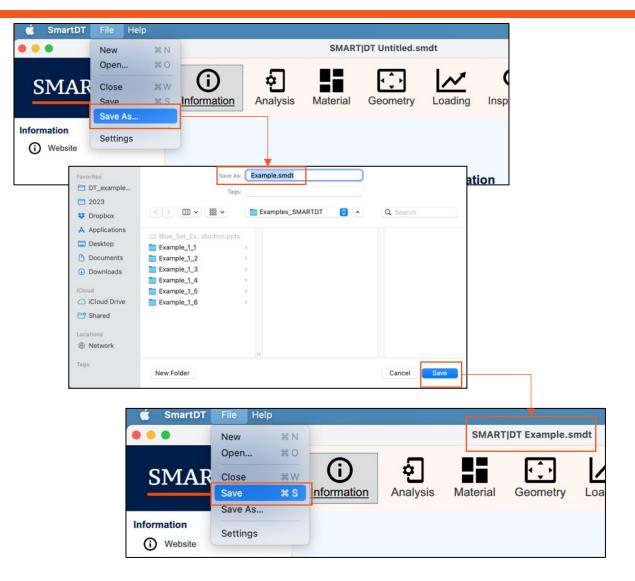






Saving a .smdt File





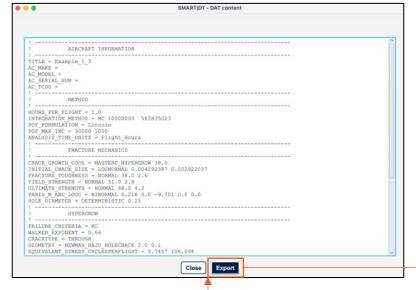
- Open the File menu and select the Save As... option.
- A pop-up window will appear and it will open at the Working Directory folder.
 Name the .smdt file and click the Save button.
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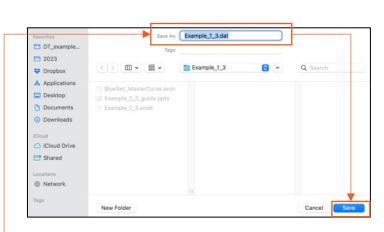




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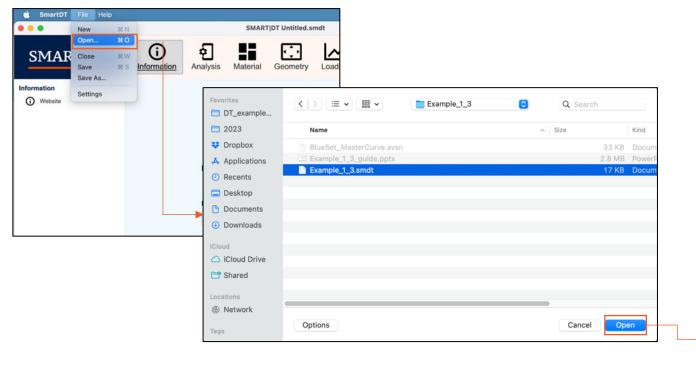






Opening a Saved .smdt File





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	This program was developed under sponsorship from the Federal Aviation Administration (grants 12-G-012 and 16-G-005) by the University of Texas at San Anton (UTSA) and partners St. Many's University. Textron Aviation, Nuss Sustainment Solutions, and Feiddstone Software. The responsible personnel are: Harry Milwater (Pi-I UTSA), Juan Ocampo (SMU), Beth Gamble (TA), Chris Hurst (TA), Marv Nuss (MSS), At Lawhorne (Fieldstone), Nathan Crosby (UTSA PhD student), Danie Ocampo (UTSA MS student), Sohrob Mattighi (Program Manager FAA), Mike Reyer (FAA Kansas City Office).				

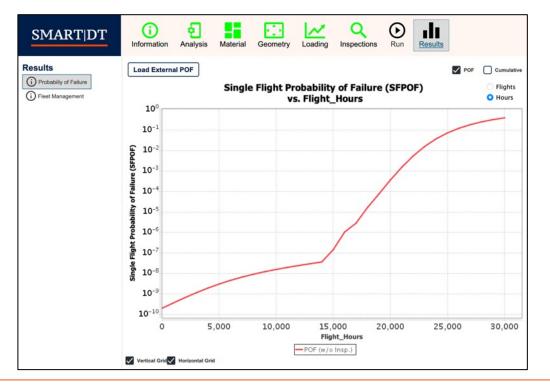


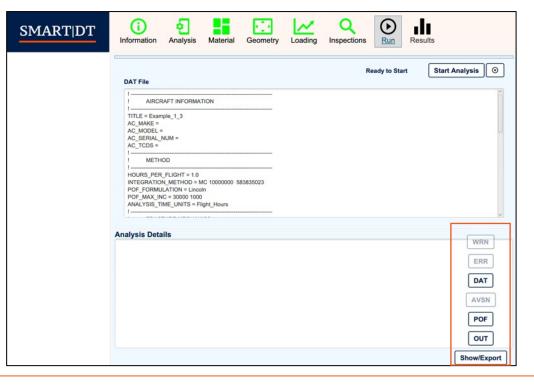




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