USER MANUAL FOR DOTNETSANDBOX

Dotnetsandbox is a windows desktop application which can be used to run undergraduate student code for the department of computer science at the University of Hull, the application can be started on a windows operating system terminal by simply running the dotnetsandbox.exe executable file located in the bin\Debug folder, which can be done in either 2 ways which include
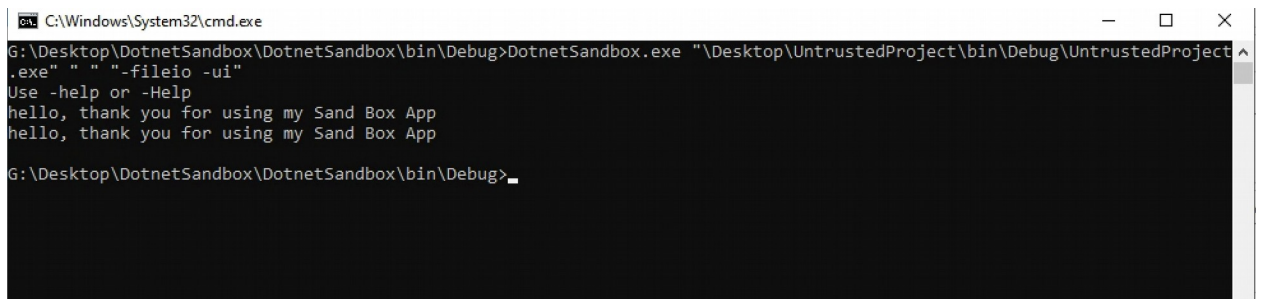
1. Run from terminal window

Navigate into the DotnetSandBox\bin\Debug folder

Run the DotnetSandBox.exe file by passing the executable filepath, application parameters and all required permissions through the command line. Please find attached an image of running an example project executable file with the DotnetSandBox and displays the application output using the command line.

2. Double clicking the .exe executable to produce full windows box interface as shown in the image below
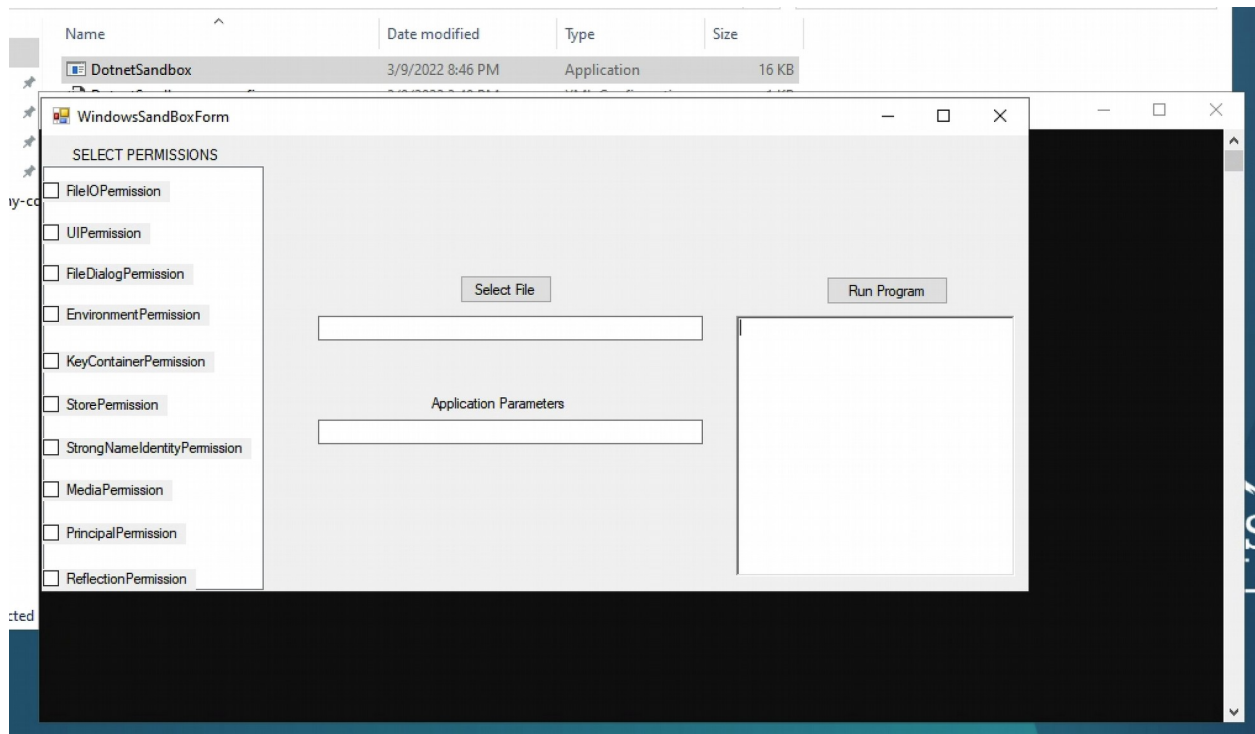
Using the DotnetSandBox interface is very easy, simply select executable file from your computer system using the "select file" button as shown in the image above, supply application parameters for your executable but could be kept empty if none is required.

Execute DotnetSandBox by selecting the "Run Program" button, DotnetSandBox makes use of a set of permissions listed on the screen, this permissions are available for files that require more access rights for DotnetSandBox, find an image of DotnetSandBox put to work by executing a program executable and using more permissions such as FileIOPermission and UIPermission.

Name	Date modified	Type	Size
▥ DotnetSandbox	3/9/2022 8:46 PM	Application	16 KB

file://adir.hull.ac.uk/home/673/673950/Desktop/Untrusted/Untrusted/bin/Debug/Untrusted.exe — □ ✕

HELLO WORLD

WindowsSandBoxForm — □ ✕

SELECT PERMISSIONS

- ☑ FileIOPermission
- ☑ UIPermission
- ☐ FileDialogPermission
- ☐ EnvironmentPermission
- ☐ KeyContainerPermission
- ☐ StorePermission
- ☐ StrongNameIdentityPermission
- ☐ MediaPermission
- ☐ PrincipalPermission
- ☐ ReflectionPermission

Select File

673950\Desktop\Untrusted\Untrusted\bin\Debug\Untrusted.exe

Application Parameters

Run Program

[23:47:57] Untrusted.exe selected.
[23:48:03] Executing Untrusted.exe
[23:48:03] Terminated Untrusted.exe