## Overview

DaRT is a cross platform tool designed to easily split a file into multiple pieces at the byte-level. Instead of splitting a large file into piece to allow it to fit on a particular media, DaRT splits files into every n-th byte to ensure that a file cannot be executed accidentally when being transported. This is especially important when transporting/storing malicious files and malware.

|  |  |  |
| --- | --- | --- |
| Diagram  Description automatically generated with medium confidence | | **Disassembly Process** |
| **Reassembly Process** |  | |

## Usage

Logo

Description automatically generated with medium confidenceDaRT come in two versions, as user friendly graphical version as well as a scriptable command line version. To launch the graphical version either double click DaRT.exe or run *python DaRT.py* The user is then presented with the window seen below which simply accepts files via drag and drop. When a file is dropped it is split into the user defined number of pieces (for example 4 pieces in the figure below) and each piece is added to a .dart file (renamed zip). Reassembly is the done by simply dragging and dropping a .dart file onto the target and the original file is restored.

The command line version of DaRT provides the same features through the parameters below:

*python dartCLI.py [--num\_parts NUM\_PARTS] {disassemble, assemble} file\_path*