**GEDFileProcessor**

A utility to produce lists of individuals, families and children, from a GEDCOM format file. These lists are used by the FamilyTreeReporter, FamilyTreeWebsiteBuilder and FamilyTreeSplitter utilities.

**Overview**

This utility allows the user to produce lists of individuals, families and children, from a GEDCOM format file.

Modules

* GEDFileProcessor.pyw

The main module. This module presents the user with a Windows user interface, allowing them to edit parameters, and process a GEDCOM format file.

* params.py

This module presents the user with a user interface to edit parameters. It contains the parameter variables used by other modules and the following subroutines:

*get\_params* reads parameter values from params.txt.

*save\_params* writes parameter values to params.txt.

*edit\_params* presents the user with a user interface to edit parameters.

Parameters are:

|  |  |
| --- | --- |
| GED File | The name of the GEDCOM format file to be processed. The file should be in the location where the utility runs. |
| Page Size | Parameter not used in GEDFileProcessor. |
| Initial Family | Parameter not used in GEDFileProcessor. |
| Title Page Required | Parameter not used in GEDFileProcessor. |
| Contents Required | Parameter not used in GEDFileProcessor. |
| Index Required | Parameter not used in GEDFileProcessor. |
| Document Images Required | Parameter not used in GEDFileProcessor. |
| Website Path | Parameter not used in GEDFileProcessor. |
| Title Line 1 | Parameter not used in GEDFileProcessor. |
| Title Line 2 | Parameter not used in GEDFileProcessor. |
| Title Line 3 | Parameter not used in GEDFileProcessor. |
| Title Line 4 | Parameter not used in GEDFileProcessor. |
| Country to remove 1 | Parameter not used in GEDFileProcessor. |
| Country to remove 2 | Parameter not used in GEDFileProcessor. |
| Person1 | Parameter not used in GEDFileProcessor. |
| Person2 | Parameter not used in GEDFileProcessor. |
| Person3 | Parameter not used in GEDFileProcessor. |
| Person4 | Parameter not used in GEDFileProcessor. |

* process\_ged\_file.py

This module contains the *process\_ged\_file* subroutine that reads the GEDCOM file specified as a parameter and produces Individuals.txt, Families.txt and Children.txt containing lists of individuals, families and children, with attributes.

* individuals.py

This module contains the ‘individuals’ list and the following subroutines/functions:

*read\_individuals* reads Individuals.txt into the ‘individuals’ list.

*write\_individuals* writes the ‘individuals’ list to Individuals.txt.

*add\_individual* writes an individual to the ‘individuals’ list.

*get\_person\_name* returns the name of the individual (id passed as a parameter) in the form ‘surname, forename(s)’.

*get\_birth\_date* returns the year of birth of the individual (id passed as a parameter) in form ‘b. yyyy’.

*get\_family\_where\_child* returns the id of the family where the individual (id passed as a parameter) is a child.

* families.py

This module contains the ‘families’ list and the following subroutines/functions:

*read\_families* reads Families.txt into the ‘families’ list.

*add\_family* writes a family to the ‘families’ list.

*write\_families* writes the ‘families’ list to Families.txt.

*get\_father\_id* returns the id of the husband in the family where the individual (id passed as a parameter) is a child.

*get\_mother\_id* returns the id of the wife in the family where the individual (id passed as a parameter) is a child.

* children.py

This module contains the ‘children list and the following subroutines/functions:

*read\_children* reads Children.txt into the ‘children’ list.

*add\_child* writes a child to the ‘children’ list.

*write\_children* writes the ‘children’ list to Children.txt.