

StressMode

- maint: MaintMode
- interact: InteractiveMode
- myParser: XMLParser
- structureChoice: int
- stressTesOutput: char*
- start: time_point
- end: time_point

- myXMLParser: XMLParser

+ MaintMode()
+-MaintMode()
+-MaintMode()
- addNewFile(string& fileName): void
- clearIndex(): void
- getUserCommand(): void

- getUserCommand(): void

- stressMode()
+ docFileParser(string& fileName);
+ stressUl(): void
+ startTime(): void
+ startTime(): void
+ printTime(): void

- orPages(vector<string>&, vector<int>*&, vector<double>*&): void
- andPages(vector<string>&, vector<int>*&, vector<double>*&): void
- notPages(vector<string>&, vector<int>*&, vector<double>*&):void
- ItFunction(vector<string>&): void
- usernameFunction(vector<string>&):void
- gtFunction(vector<string>&): void

//for checking lists for page numbers

- containsPageStacked(vector<int>* myList,int page): int
- totalContainsPageStacked(vector<int>* passedPages,int page): int
- totalContainsPage(vector<int>* passedPages,int page): int

//helper functions for interactive UI

- displayPagesToUser(); void
- pickTop15(); void
- insertionSortStacked(vector<int>* passedVec, int start, int end): void
- insertion_sort(vector<int>& passedPages, vector<double>& passedTFs, int start,int end); void