

CopyDog
1.0

Sat Jul 26 2014 04:06:48

Contents

1	Namespace Index	1
1.1	Namespace List	1
2	Hierarchical Index	3
2.1	Class Hierarchy	3
3	Class Index	5
3.1	Class List	5
4	File Index	7
4.1	File List	7
5	Namespace Documentation	9
5.1	PythonParser Namespace Reference	9
5.1.1	Function Documentation	9
5.1.1.1	createSuffixCompatibleSource	9
5.1.1.2	getPlainText	9
5.1.1.3	parseAndStripWhiteSpaceComments	10
5.2	Unparse Namespace Reference	10
5.2.1	Function Documentation	10
5.2.1.1	interleave	10
5.2.1.2	main	11
5.2.1.3	roundtrip	11
5.2.1.4	testdir	11
5.2.2	Variable Documentation	12
5.2.2.1	INFSTR	12
6	Class Documentation	13
6.1	FileBrowser Class Reference	13
6.1.1	Detailed Description	13
6.1.2	Constructor & Destructor Documentation	13
6.1.2.1	FileBrowser	13
6.1.3	Member Function Documentation	13

6.1.3.1	browseFile	13
6.1.3.2	getFileList	14
6.1.3.3	getPlagiarismDetails	14
6.2	PythonParser.FirstParser Class Reference	15
6.2.1	Detailed Description	16
6.2.2	Constructor & Destructor Documentation	16
6.2.2.1	__init__	16
6.2.3	Member Function Documentation	16
6.2.3.1	visit_Name	16
6.3	LanguageParser Class Reference	16
6.3.1	Detailed Description	17
6.3.2	Constructor & Destructor Documentation	17
6.3.2.1	LanguageParser	17
6.3.3	Member Function Documentation	17
6.3.3.1	createSuffixCompatibleSource	17
6.4	MainWindow Class Reference	17
6.4.1	Detailed Description	18
6.4.2	Constructor & Destructor Documentation	18
6.4.2.1	MainWindow	18
6.4.2.2	~MainWindow	18
6.4.3	Member Function Documentation	18
6.4.3.1	exportPlagiarismInformation	18
6.4.3.2	openFileBrowser	19
6.5	Match Struct Reference	19
6.5.1	Detailed Description	20
6.5.2	Member Data Documentation	20
6.5.2.1	lengthMatchType	20
6.5.2.2	matchingType	20
6.5.2.3	position	20
6.6	Node Class Reference	20
6.6.1	Detailed Description	20
6.6.2	Constructor & Destructor Documentation	21
6.6.2.1	Node	21
6.6.3	Member Function Documentation	21
6.6.3.1	addChild	21
6.6.3.2	addDescendentFileNumber	21
6.6.3.3	getChildList	21
6.6.3.4	getDescendentList	22
6.6.3.5	getMatchPosition	22
6.6.3.6	getSuffix	22

6.6.3.7	getSuffixLength	22
6.6.3.8	setSuffix	22
6.6.3.9	totalChildren	22
6.6.3.10	trimAndAddSelfChild	23
6.7	PlagiarismDetails Class Reference	23
6.7.1	Detailed Description	24
6.7.2	Constructor & Destructor Documentation	24
6.7.2.1	PlagiarismDetails	24
6.7.3	Member Function Documentation	24
6.7.3.1	comparePlagiarismInformation	24
6.7.3.2	extractPlagiarismInformation	24
6.7.3.3	getPlagiarismCombination	25
6.7.3.4	printPlagiarismInformation	25
6.8	PythonParser Class Reference	25
6.8.1	Detailed Description	26
6.8.2	Constructor & Destructor Documentation	27
6.8.2.1	PythonParser	27
6.8.3	Member Function Documentation	27
6.8.3.1	convertPCodeToSource	27
6.8.3.2	createSuffixCompatibleSource	27
6.9	QuickViewHolder Class Reference	28
6.9.1	Detailed Description	28
6.9.2	Constructor & Destructor Documentation	28
6.9.2.1	QuickViewHolder	28
6.9.3	Member Function Documentation	28
6.9.3.1	getView	28
6.9.3.2	setView	28
6.10	PythonParser.StripWhiteSpaceParser Class Reference	29
6.10.1	Detailed Description	29
6.10.2	Constructor & Destructor Documentation	30
6.10.2.1	__init__	30
6.11	Tree Class Reference	30
6.11.1	Detailed Description	30
6.11.2	Constructor & Destructor Documentation	30
6.11.2.1	Tree	30
6.11.3	Member Function Documentation	30
6.11.3.1	getRootNode	30
6.11.3.2	insertSuffix	31
6.11.3.3	printTree	31
6.11.3.4	updateSuffixTree	32

6.12 Unparse.Unparser Class Reference	32
6.12.1 Detailed Description	33
6.12.2 Constructor & Destructor Documentation	33
6.12.2.1 <code>__init__</code>	33
6.12.3 Member Function Documentation	33
6.12.3.1 <code>dispatch</code>	33
6.12.3.2 <code>enter</code>	34
6.12.3.3 <code>fill</code>	35
6.12.3.4 <code>leave</code>	35
6.12.3.5 <code>write</code>	35
6.12.4 Member Data Documentation	36
6.12.4.1 <code>binop</code>	36
6.12.4.2 <code>boolops</code>	36
6.12.4.3 <code>cmpops</code>	36
6.12.4.4 <code>f</code>	36
6.12.4.5 <code>future_imports</code>	36
6.12.4.6 <code>unop</code>	36
7 File Documentation	37
7.1 <code>/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for--Software-Plagiarism-Check-master/Src/CopyDog/BrowsingTypes.h</code> File Reference	37
7.1.1 Enumeration Type Documentation	37
7.1.1.1 <code>BrowsingType</code>	38
7.2 <code>/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for--Software-Plagiarism-Check-master/Src/CopyDog/FileBrowser.cpp</code> File Reference	38
7.3 <code>/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for--Software-Plagiarism-Check-master/Src/CopyDog/FileBrowser.h</code> File Reference	38
7.3.1 Variable Documentation	39
7.3.1.1 <code>suffixTree</code>	39
7.4 <code>/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for--Software-Plagiarism-Check-master/Src/CopyDog/LanguageParser.cpp</code> File Reference	40
7.5 <code>/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for--Software-Plagiarism-Check-master/Src/CopyDog/LanguageParser.h</code> File Reference	41
7.6 <code>/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for--Software-Plagiarism-Check-master/Src/CopyDog/LanguageType.h</code> File Reference	42
7.6.1 Enumeration Type Documentation	42
7.6.1.1 <code>LanguageType</code>	42
7.7 <code>/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for--Software-Plagiarism-Check-master/Src/CopyDog/main.cpp</code> File Reference	43
7.7.1 Function Documentation	43
7.7.1.1 <code>main</code>	43
7.7.2 Variable Documentation	44

7.7.2.1	suffixTree	44
7.7.2.2	viewHolder	44
7.8	/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for--Software-Plagiarism-Check-master/Src/CopyDog/MainWindow.cpp File Reference	44
7.9	/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for--Software-Plagiarism-Check-master/Src/CopyDog/MainWindow.h File Reference	44
7.9.1	Variable Documentation	45
7.9.1.1	MINIMUM_COPY_LENGTH	45
7.9.1.2	viewHolder	46
7.10	/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for--Software-Plagiarism-Check-master/Src/CopyDog/Match.h File Reference	46
7.10.1	Enumeration Type Documentation	47
7.10.1.1	matchType	47
7.10.1.2	stringSuffixLengthMatchType	47
7.11	/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for--Software-Plagiarism-Check-master/Src/CopyDog/Node.cpp File Reference	47
7.12	/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for--Software-Plagiarism-Check-master/Src/CopyDog/Node.h File Reference	48
7.13	/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for--Software-Plagiarism-Check-master/Src/CopyDog/PlagiarismDetails.cpp File Reference	49
7.13.1	Variable Documentation	50
7.13.1.1	MINIMUM_COPY_LENGTH	50
7.14	/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for--Software-Plagiarism-Check-master/Src/CopyDog/PlagiarismDetails.h File Reference	50
7.14.1	Macro Definition Documentation	52
7.14.1.1	MINIMUM_DEPTH_TO_CHECK	52
7.14.2	Variable Documentation	52
7.14.2.1	suffixTree	52
7.15	/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for--Software-Plagiarism-Check-master/Src/CopyDog/PythonParser.cpp File Reference	52
7.16	/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for--Software-Plagiarism-Check-master/Src/CopyDog/PythonParser.h File Reference	53
7.17	/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for--Software-Plagiarism-Check-master/Src/CopyDog/PythonParser.py File Reference	54
7.18	/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for--Software-Plagiarism-Check-master/Src/CopyDog/QuickViewHolder.cpp File Reference	54
7.19	/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for--Software-Plagiarism-Check-master/Src/CopyDog/QuickViewHolder.h File Reference	55
7.20	/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for--Software-Plagiarism-Check-master/Src/CopyDog/Tree.cpp File Reference	56
7.21	/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for--Software-Plagiarism-Check-master/Src/CopyDog/Tree.h File Reference	56
7.22	/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for--Software-Plagiarism-Check-master/Src/CopyDog/Unparse.py File Reference	58

Chapter 1

Namespace Index

1.1 Namespace List

Here is a list of all namespaces with brief descriptions:

PythonParser	9
Unparse	10

Chapter 2

Hierarchical Index

2.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

FileBrowser	13
LanguageParser	16
PythonParser	25
Match	19
Node	20
NodeVisitor	
PythonParser.FirstParser	15
PythonParser.StripWhiteSpaceParser	29
PlagiarismDetails	23
QMainWindow	
MainWindow	17
QuickViewHolder	28
Tree	30
Unparse.Unparser	32

Chapter 3

Class Index

3.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

FileBrowser	13
PythonParser.FirstParser	15
LanguageParser	16
MainWindow	17
Match	19
Node	20
PlagiarismDetails	23
PythonParser	25
QuickViewHolder	28
PythonParser.StripWhiteSpaceParser	29
Tree	30
Unparse.Unparser	32

Chapter 4

File Index

4.1 File List

Here is a list of all files with brief descriptions:

/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-- Plagiarism-Check-master/Src/CopyDog/ BrowsingTypes.h	37
/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-- Plagiarism-Check-master/Src/CopyDog/ FileBrowser.cpp	38
/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-- Plagiarism-Check-master/Src/CopyDog/ FileBrowser.h	38
/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-- Plagiarism-Check-master/Src/CopyDog/ LanguageParser.cpp	40
/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-- Plagiarism-Check-master/Src/CopyDog/ LanguageParser.h	41
/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-- Plagiarism-Check-master/Src/CopyDog/ LanguageType.h	42
/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-- Plagiarism-Check-master/Src/CopyDog/ main.cpp	43
/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-- Plagiarism-Check-master/Src/CopyDog/ MainWindow.cpp	44
/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-- Plagiarism-Check-master/Src/CopyDog/ MainWindow.h	44
/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-- Plagiarism-Check-master/Src/CopyDog/ Match.h	46
/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-- Plagiarism-Check-master/Src/CopyDog/ Node.cpp	47
/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-- Plagiarism-Check-master/Src/CopyDog/ Node.h	48
/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-- Plagiarism-Check-master/Src/CopyDog/ PlagiarismDetails.cpp	49
/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-- Plagiarism-Check-master/Src/CopyDog/ PlagiarismDetails.h	50
/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-- Plagiarism-Check-master/Src/CopyDog/ PythonParser.cpp	52
/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-- Plagiarism-Check-master/Src/CopyDog/ PythonParser.h	53
/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-- Plagiarism-Check-master/Src/CopyDog/ PythonParser.py	54
/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-- Plagiarism-Check-master/Src/CopyDog/ QuickViewHolder.cpp	54
/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-- Plagiarism-Check-master/Src/CopyDog/ QuickViewHolder.h	55

/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-- Plagiarism-Check-master/Src/CopyDog/ Tree.cpp	56
/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-- Plagiarism-Check-master/Src/CopyDog/ Tree.h	56
/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-- Plagiarism-Check-master/Src/CopyDog/ Unparse.py	58

Chapter 5

Namespace Documentation

5.1 PythonParser Namespace Reference

Functions

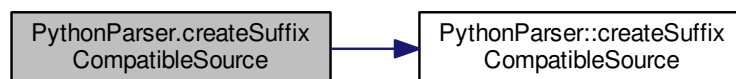
- def [parseAndStripWhiteSpaceComments](#)
- def [createSuffixCompatibleSource](#)
- def [getPlainText](#)

5.1.1 Function Documentation

5.1.1.1 def PythonParser.createSuffixCompatibleSource (*code*)

Definition at line 90 of file PythonParser.py.

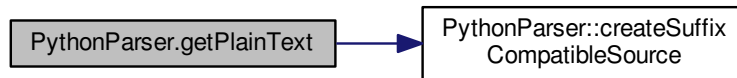
Here is the call graph for this function:



5.1.1.2 def PythonParser.getPlainText (*programCode*, *suffixCode*)

Definition at line 124 of file PythonParser.py.

Here is the call graph for this function:



5.1.1.3 `def PythonParser.parseAndStripWhiteSpaceComments (code)`

Definition at line 28 of file `PythonParser.py`.

5.2 Unparse Namespace Reference

Classes

- class [Unparser](#)

Functions

- def [interleave](#)
- def [roundtrip](#)
- def [testdir](#)
- def [main](#)

Variables

- string [INFSTR](#) = "1e"

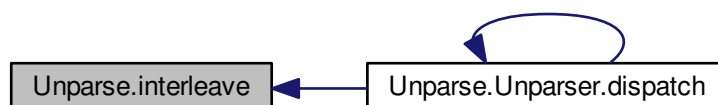
5.2.1 Function Documentation

5.2.1.1 `def Unparse.interleave (inter, f, seq)`

Call `f` on each item in `seq`, calling `inter()` in between.

Definition at line 20 of file `Unparse.py`.

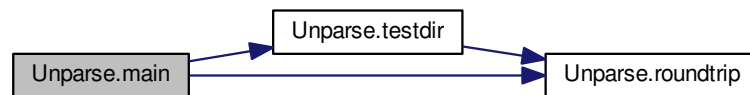
Here is the caller graph for this function:



5.2.1.2 `def Unparse.main (args)`

Definition at line 609 of file Unparse.py.

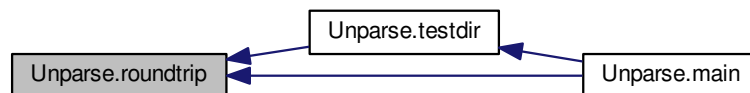
Here is the call graph for this function:



5.2.1.3 `def Unparse.roundtrip (filename, output=sys.stdout)`

Definition at line 583 of file Unparse.py.

Here is the caller graph for this function:



5.2.1.4 `def Unparse.testdir (a)`

Definition at line 591 of file Unparse.py.

Here is the call graph for this function:



Here is the caller graph for this function:



5.2.2 Variable Documentation

5.2.2.1 `string Unparse.INFSTR = "1e"`

Definition at line 18 of file `Unparse.py`.

Chapter 6

Class Documentation

6.1 FileBrowser Class Reference

```
#include <FileBrowser.h>
```

Public Member Functions

- [FileBrowser](#) ()
- void [browseFile](#) ([BrowsingType](#), [LanguageType](#)=ePython)

Based on the parameters, opens up file browser capable of handling files of particular type and by different browsing modes.

- [PlagiarismDetails](#) [getPlagiarismDetails](#) ()
- std::vector< std::string > [getFileList](#) ()

6.1.1 Detailed Description

Definition at line 16 of file FileBrowser.h.

6.1.2 Constructor & Destructor Documentation

6.1.2.1 FileBrowser::FileBrowser ()

Definition at line 3 of file FileBrowser.cpp.

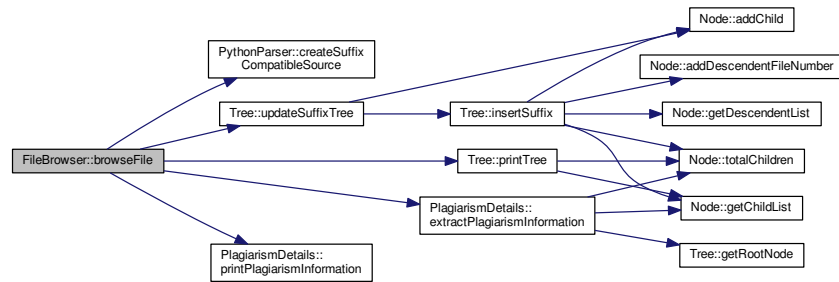
6.1.3 Member Function Documentation

6.1.3.1 void FileBrowser::browseFile ([BrowsingType](#) *browsingType*, [LanguageType](#) *language* = ePython)

Based on the parameters, opens up file browser capable of handling files of particular type and by different browsing modes.

Definition at line 12 of file FileBrowser.cpp.

Here is the call graph for this function:



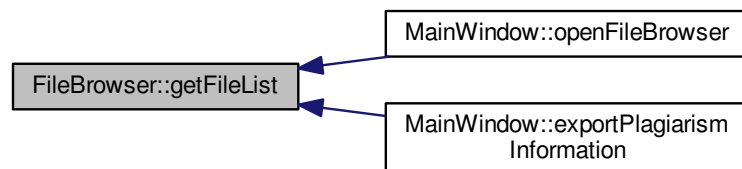
Here is the caller graph for this function:



6.1.3.2 `std::vector<std::string> FileBrowser::getFileList ()` `[inline]`

Definition at line 22 of file FileBrowser.h.

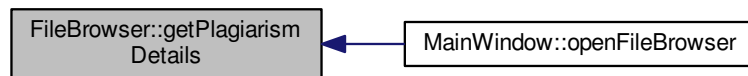
Here is the caller graph for this function:



6.1.3.3 PlagiarismDetails FileBrowser::getPlagiarismDetails () [inline]

Definition at line 21 of file FileBrowser.h.

Here is the caller graph for this function:

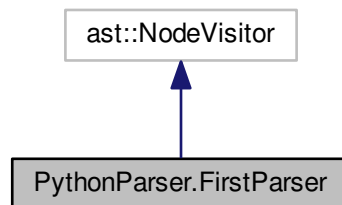


The documentation for this class was generated from the following files:

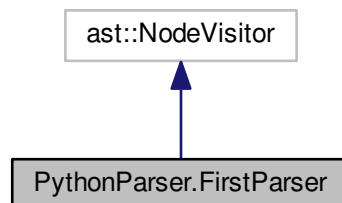
- /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software--Plagiarism-Check-master/Src/CopyDog/[FileBrowser.h](#)
- /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software--Plagiarism-Check-master/Src/CopyDog/[FileBrowser.cpp](#)

6.2 PythonParser.FirstParser Class Reference

Inheritance diagram for PythonParser.FirstParser:



Collaboration diagram for PythonParser.FirstParser:



Public Member Functions

- [def __init__](#)
- [def visit_Name](#)

6.2.1 Detailed Description

Definition at line 13 of file PythonParser.py.

6.2.2 Constructor & Destructor Documentation

6.2.2.1 `def PythonParser.FirstParser.__init__ (self)`

Definition at line 15 of file PythonParser.py.

6.2.3 Member Function Documentation

6.2.3.1 `def PythonParser.FirstParser.visit_Name (self, node)`

Definition at line 18 of file PythonParser.py.

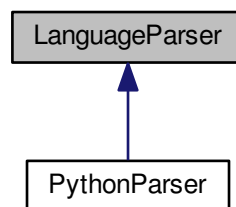
The documentation for this class was generated from the following file:

- /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software--Plagiarism-Check-master/Src/CopyDog/[PythonParser.py](#)

6.3 LanguageParser Class Reference

```
#include <LanguageParser.h>
```

Inheritance diagram for LanguageParser:



Public Member Functions

- [LanguageParser \(\)](#)
- virtual std::string [createSuffixCompatibleSource](#) (std::string inputSourceCode)=0

6.3.1 Detailed Description

Definition at line 6 of file `LanguageParser.h`.

6.3.2 Constructor & Destructor Documentation

6.3.2.1 `LanguageParser::LanguageParser ()`

Definition at line 3 of file `LanguageParser.cpp`.

6.3.3 Member Function Documentation

6.3.3.1 `virtual std::string LanguageParser::createSuffixCompatibleSource (std::string inputSourceCode)` [pure virtual]

Implemented in [PythonParser](#).

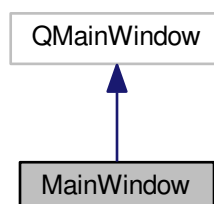
The documentation for this class was generated from the following files:

- `/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software--Plagiarism-Check-master/Src/CopyDog/LanguageParser.h`
- `/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software--Plagiarism-Check-master/Src/CopyDog/LanguageParser.cpp`

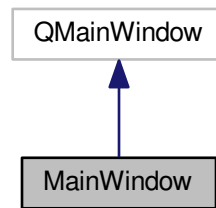
6.4 MainWindow Class Reference

```
#include <MainWindow.h>
```

Inheritance diagram for `MainWindow`:



Collaboration diagram for MainWindow:



Public Slots

- void [openFileBrowser](#) (unsigned int, unsigned int, unsigned int)
Based on the selection in the UI, opens up file browser. Then constructs a Suffix tree from these files.
- void [exportPlagiarismInformation](#) ()
Exports the plagiarism information in the current folder. Exits the application then.

Public Member Functions

- [MainWindow](#) (QWidget *parent=0)
- [~MainWindow](#) ()

6.4.1 Detailed Description

Definition at line 15 of file MainWindow.h.

6.4.2 Constructor & Destructor Documentation

6.4.2.1 `MainWindow::MainWindow (QWidget * parent = 0)` [explicit]

Definition at line 4 of file MainWindow.cpp.

6.4.2.2 `MainWindow::~~MainWindow ()`

Definition at line 190 of file MainWindow.cpp.

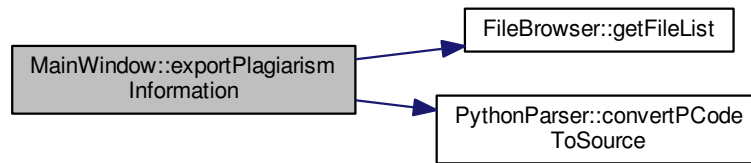
6.4.3 Member Function Documentation

6.4.3.1 `void MainWindow::exportPlagiarismInformation ()` [slot]

Exports the plagiarism information in the current folder. Exits the application then.

Definition at line 114 of file MainWindow.cpp.

Here is the call graph for this function:

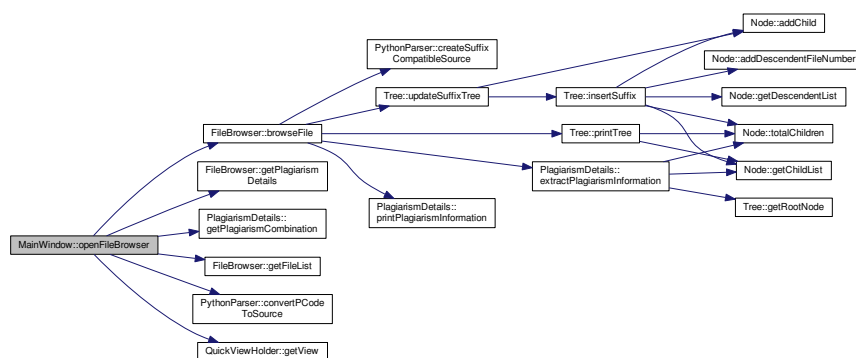


6.4.3.2 void MainWindow::openFileBrowser (unsigned int *languageChoice*, unsigned int *charactersToMatch*, unsigned int *fileSelectionChoice*) [slot]

Based on the selection in the UI, opens up file browser. Then constructs a Suffix tree from these files.

Definition at line 13 of file MainWindow.cpp.

Here is the call graph for this function:



The documentation for this class was generated from the following files:

- /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software--Plagiarism-Check-master/Src/CopyDog/[MainWindow.h](#)
- /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software--Plagiarism-Check-master/Src/CopyDog/[MainWindow.cpp](#)

6.5 Match Struct Reference

```
#include <Match.h>
```

Public Attributes

- int [position](#)
- [matchType](#) [matchingType](#)
- [stringSuffixLengthMatchType](#) [lengthMatchType](#)

6.5.1 Detailed Description

Definition at line 21 of file Match.h.

6.5.2 Member Data Documentation

6.5.2.1 `stringSuffixLengthMatchType` `Match::lengthMatchType`

Definition at line 25 of file Match.h.

6.5.2.2 `matchType` `Match::matchingType`

Definition at line 24 of file Match.h.

6.5.2.3 `int` `Match::position`

Definition at line 23 of file Match.h.

The documentation for this struct was generated from the following file:

- `/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software--Plagiarism-Check-master/Src/CopyDog/Match.h`

6.6 Node Class Reference

```
#include <Node.h>
```

Public Member Functions

- `Node` (`std::string` suffix="", `Node` *parent=NULL, unsigned int fileNumber=-1)
- void `addChild` (`Node` *)
- void `addDescendentFileNumber` (unsigned int fileNumber)
Adds the descendent file number to the descendents list.
- void `trimAndAddSelfChild` (unsigned int position, `std::vector`< unsigned int > inheritedFileNumberList)
Trim a sub part of suffix string and add it as a child.
- unsigned int `getSuffixLength` ()
- `std::string` `getSuffix` ()
- void `setSuffix` (`std::string`)
- `Match` `getMatchPosition` (`std::string`)
Returns the position at which match occurs. -2 : Complete match. -1 : No match at all.
- unsigned int `totalChildren` ()
- `std::vector`< `Node` * > & `getChildList` ()
- `std::vector`< unsigned int > & `getDescendentList` ()

6.6.1 Detailed Description

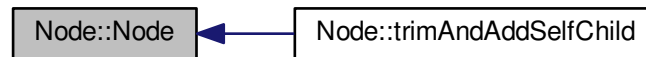
Definition at line 10 of file Node.h.

6.6.2 Constructor & Destructor Documentation

6.6.2.1 Node::Node (std::string *suffix* = " \0 ", Node * *parent* = NULL, unsigned int *fileNumber* = -1)

Definition at line 3 of file Node.cpp.

Here is the caller graph for this function:

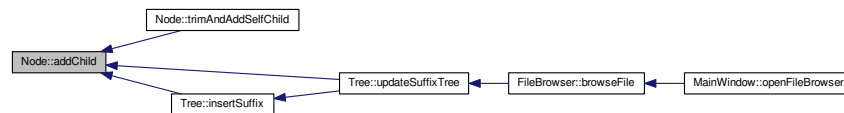


6.6.3 Member Function Documentation

6.6.3.1 void Node::addChild (Node * *child*)

Definition at line 10 of file Node.cpp.

Here is the caller graph for this function:



6.6.3.2 void Node::addDescendentFileNumber (unsigned int *fileNumber*)

Adds the descendent file number to the descendents list.

Definition at line 20 of file Node.cpp.

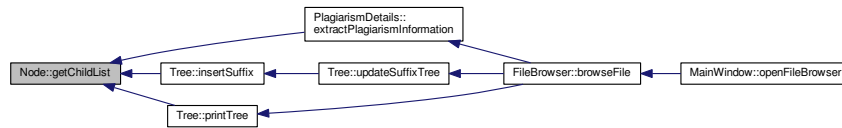
Here is the caller graph for this function:



6.6.3.3 std::vector<Node*> & Node::getChildList () [inline]

Definition at line 24 of file Node.h.

Here is the caller graph for this function:



6.6.3.4 `std::vector<unsigned int>& Node::getDescendentList () [inline]`

Definition at line 25 of file Node.h.

Here is the caller graph for this function:



6.6.3.5 **Match** `Node::getMatchPosition (std::string matchingString)`

Returns the position at which match occurs. -2 : Complete match. -1 : No match at all.

Definition at line 72 of file Node.cpp.

6.6.3.6 `std::string Node::getSuffix ()`

Definition at line 58 of file Node.cpp.

6.6.3.7 `unsigned int Node::getSuffixLength ()`

Definition at line 53 of file Node.cpp.

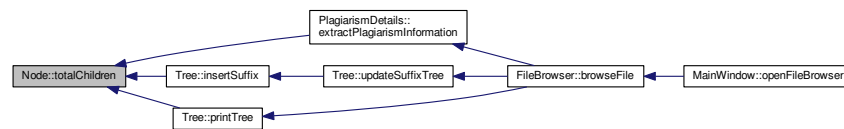
6.6.3.8 `void Node::setSuffix (std::string suffix)`

Definition at line 63 of file Node.cpp.

6.6.3.9 `unsigned int Node::totalChildren () [inline]`

Definition at line 23 of file Node.h.

Here is the caller graph for this function:

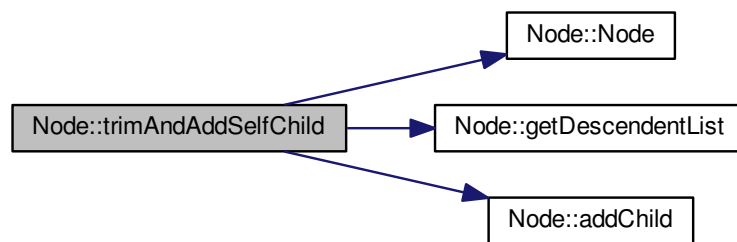


6.6.3.10 void Node::trimAndAddSelfChild (unsigned int *position*, std::vector< unsigned int > *inheritedFileNumberList*)

Trim a sub part of suffix string and add it as a child.

Definition at line 31 of file Node.cpp.

Here is the call graph for this function:



The documentation for this class was generated from the following files:

- /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software--Plagiarism-Check-master/Src/CopyDog/[Node.h](#)
- /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software--Plagiarism-Check-master/Src/CopyDog/[Node.cpp](#)

6.7 PlagiarismDetails Class Reference

```
#include <PlagiarismDetails.h>
```

Public Member Functions

- [PlagiarismDetails](#) ()
- void [extractPlagiarismInformation](#) ()
Extracts the plagiarism information from the Suffox tree and stores it in a new data structure (Map with files copying as key and copied code as value)
- void [printPlagiarismInformation](#) ()
Prints the plagiarism information on console. Enable the debug flag for printign to work.

- bool [comparePlagirismInformation](#) (std::vector< unsigned int >, std::string, std::vector< unsigned int >, std::string)
- std::map< std::vector< unsigned int >, std::string > [getPlagiarismCombination](#) ()

6.7.1 Detailed Description

Definition at line 14 of file PlagiarismDetails.h.

6.7.2 Constructor & Destructor Documentation

6.7.2.1 PlagiarismDetails::PlagiarismDetails ()

Definition at line 5 of file PlagiarismDetails.cpp.

6.7.3 Member Function Documentation

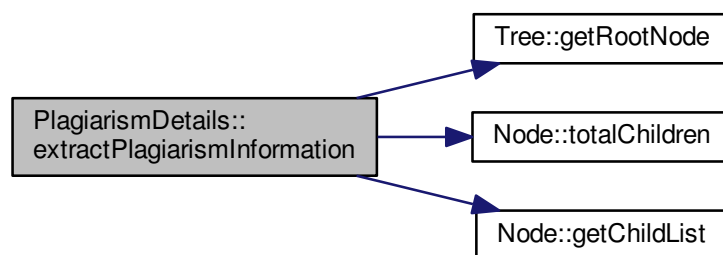
6.7.3.1 bool PlagiarismDetails::comparePlagirismInformation (std::vector< unsigned int > , std::string , std::vector< unsigned int > , std::string)

6.7.3.2 void PlagiarismDetails::extractPlagiarismInformation ()

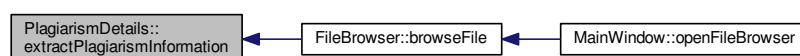
Extracts the plagiarism information from the Suffox tree and stores it in a new data structure (Map with files copying as key and copied code as value)

Definition at line 14 of file PlagiarismDetails.cpp.

Here is the call graph for this function:



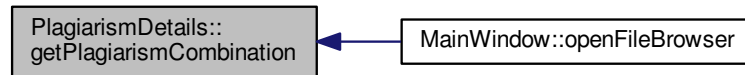
Here is the caller graph for this function:



6.7.3.3 `std::map<std::vector<unsigned int>, std::string> PlagiarismDetails::getPlagiarismCombination ()` `[inline]`

Definition at line 21 of file PlagiarismDetails.h.

Here is the caller graph for this function:

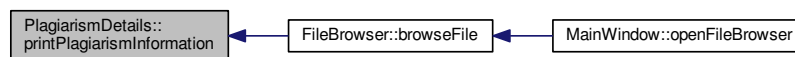


6.7.3.4 `void PlagiarismDetails::printPlagiarismInformation ()`

Prints the plagiarism information on console. Enable the debug flag for printign to work.

Definition at line 57 of file PlagiarismDetails.cpp.

Here is the caller graph for this function:



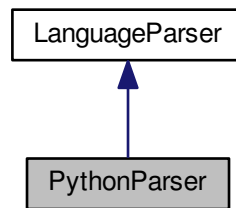
The documentation for this class was generated from the following files:

- `/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software--Plagiarism-Check-master/Src/CopyDog/PlagiarismDetails.h`
- `/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software--Plagiarism-Check-master/Src/CopyDog/PlagiarismDetails.cpp`

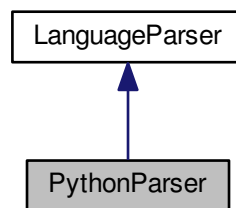
6.8 PythonParser Class Reference

```
#include <PythonParser.h>
```

Inheritance diagram for PythonParser:



Collaboration diagram for PythonParser:



Classes

- class [FirstParser](#)
- class [StripWhiteSpaceParser](#)

Public Member Functions

- [PythonParser](#) ()
- `std::string` [createSuffixCompatibleSource](#) (`std::string` inputSourceCode)
Creates and instance to execute some Python code. Passes the source code, and then gets back the stripped down suffix compatible code.
- `std::string` [convertPCodeToSource](#) (`std::string` completeSourceCode, `std::string` inputPCode)
Creates an instance for Python execution and converts the P-Code if Python to the Python code.

6.8.1 Detailed Description

Definition at line 8 of file PythonParser.h.

6.8.2 Constructor & Destructor Documentation

6.8.2.1 PythonParser::PythonParser ()

Definition at line 3 of file PythonParser.cpp.

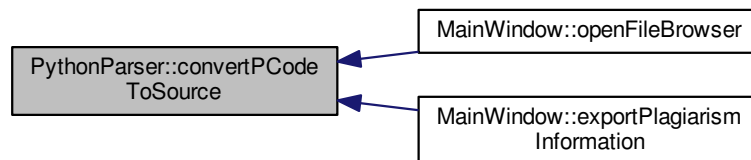
6.8.3 Member Function Documentation

6.8.3.1 std::string PythonParser::convertPCodeToSource (std::string *completeSourceCode*, std::string *inputPCode*)

Creates an instance for Python execution and converts the P-Code if Python to the Python code.

Definition at line 127 of file PythonParser.cpp.

Here is the caller graph for this function:



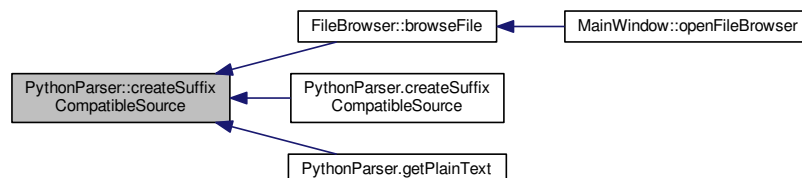
6.8.3.2 std::string PythonParser::createSuffixCompatibleSource (std::string *inputSourceCode*) [virtual]

Creates and instance to execute some Python code. Passes the source code, and then gets back the stripped down suffix compatible code.

Implements [LanguageParser](#).

Definition at line 11 of file PythonParser.cpp.

Here is the caller graph for this function:



The documentation for this class was generated from the following files:

- /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software--Plagiarism-Check-master/Src/CopyDog/[PythonParser.h](#)
- /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software--Plagiarism-Check-master/Src/CopyDog/[PythonParser.cpp](#)

6.9 QuickViewHolder Class Reference

```
#include <QuickViewHolder.h>
```

Public Member Functions

- [QuickViewHolder](#) ()
- [QQuickItem](#) * [getView](#) ()
- void [setView](#) ([QQuickItem](#) *tempView)

6.9.1 Detailed Description

Definition at line 6 of file QuickViewHolder.h.

6.9.2 Constructor & Destructor Documentation

6.9.2.1 QuickViewHolder::QuickViewHolder ()

Definition at line 3 of file QuickViewHolder.cpp.

6.9.3 Member Function Documentation

6.9.3.1 QQuickItem* QuickViewHolder::getView () [inline]

Definition at line 10 of file QuickViewHolder.h.

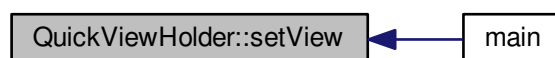
Here is the caller graph for this function:



6.9.3.2 void QuickViewHolder::setView (QQuickItem * tempView) [inline]

Definition at line 11 of file QuickViewHolder.h.

Here is the caller graph for this function:

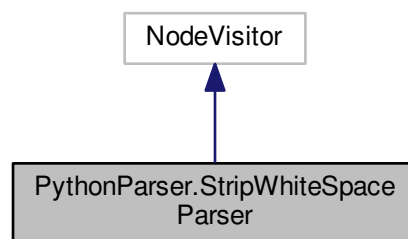


The documentation for this class was generated from the following files:

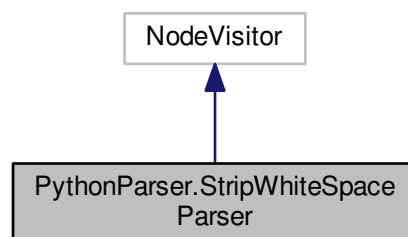
- /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software--Plagiarism-Check-master/Src/CopyDog/[QuickViewHolder.h](#)
- /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software--Plagiarism-Check-master/Src/CopyDog/[QuickViewHolder.cpp](#)

6.10 PythonParser.StripWhiteSpaceParser Class Reference

Inheritance diagram for PythonParser.StripWhiteSpaceParser:



Collaboration diagram for PythonParser.StripWhiteSpaceParser:



Public Member Functions

- def [__init__](#)

6.10.1 Detailed Description

Definition at line 22 of file `PythonParser.py`.

6.10.2 Constructor & Destructor Documentation

6.10.2.1 `def PythonParser.StripWhiteSpaceParser.__init__(self)`

Definition at line 24 of file PythonParser.py.

The documentation for this class was generated from the following file:

- /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software--Plagiarism-Check-master/Src/CopyDog/PythonParser.py

6.11 Tree Class Reference

```
#include <Tree.h>
```

Public Member Functions

- [Tree](#) ()
- void [updateSuffixTree](#) (std::string sourceCode)
Creates a new node based on the given source code and adds it to the Suffix tree.
- void [insertSuffix](#) ([Node](#) *nodeToInsertAt, std::string suffix, unsigned int fileNumber)
Inserts a given suffix at a node.
- void [printTree](#) ()
Prints Suffix tree information. Enable the debug mode for printf to work.
- [Node](#) * [getRootNode](#) ()

6.11.1 Detailed Description

Definition at line 14 of file Tree.h.

6.11.2 Constructor & Destructor Documentation

6.11.2.1 `Tree::Tree ()`

Definition at line 3 of file Tree.cpp.

6.11.3 Member Function Documentation

6.11.3.1 `Node* Tree::getRootNode () [inline]`

Definition at line 23 of file Tree.h.

Here is the caller graph for this function:

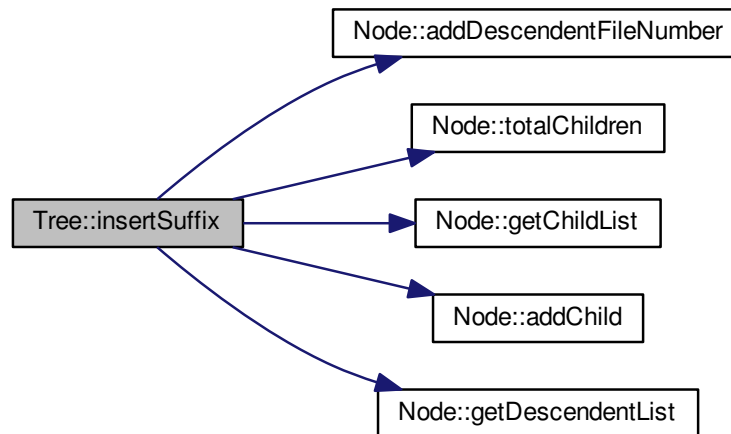


6.11.3.2 void Tree::insertSuffix (Node * *nodeToInsertAt*, std::string *suffix*, unsigned int *fileNumber*)

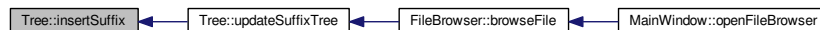
Inserts a given suffix at a node.

Definition at line 31 of file Tree.cpp.

Here is the call graph for this function:



Here is the caller graph for this function:

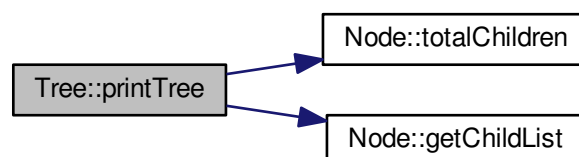


6.11.3.3 void Tree::printTree ()

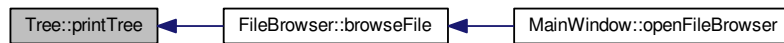
Prints Suffix tree information. Enable the debug mode for printf to work.

Definition at line 120 of file Tree.cpp.

Here is the call graph for this function:



Here is the caller graph for this function:

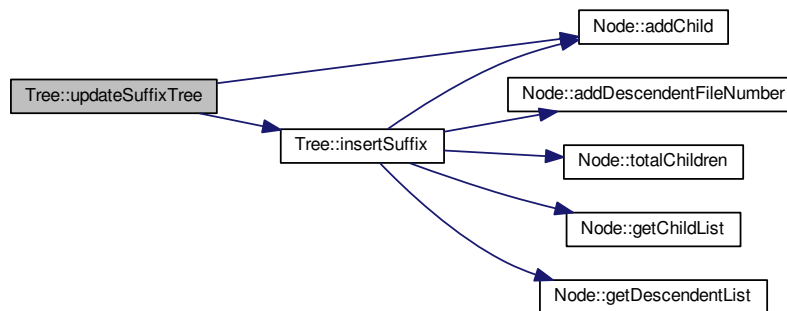


6.11.3.4 void Tree::updateSuffixTree (std::string *sourceCode*)

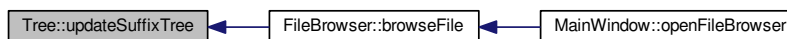
Creates a new node based on the given source code and adds it to the Suffix tree.

Definition at line 13 of file `Tree.cpp`.

Here is the call graph for this function:



Here is the caller graph for this function:



The documentation for this class was generated from the following files:

- `/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software--Plagiarism-Check-master/Src/CopyDog/Tree.h`
- `/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software--Plagiarism-Check-master/Src/CopyDog/Tree.cpp`

6.12 Unparse.Unparser Class Reference

Public Member Functions

- `def __init__`

- def [fill](#)
- def [write](#)
- def [enter](#)
- def [leave](#)
- def [dispatch](#)

Public Attributes

- [f](#)
- [future_imports](#)

Static Public Attributes

- dictionary [unop](#) = {"Invert": "~", "Not": "not", "UAdd": "+", "USub": "-"}
 - dictionary [binop](#)
 - dictionary [cmpops](#)
 - dictionary [boolops](#) = {ast.And: 'and', ast.Or: 'or'}

6.12.1 Detailed Description

Methods in this class recursively traverse an AST and output source code for the abstract syntax; original formatting is disregarded.

Definition at line 33 of file Unparse.py.

6.12.2 Constructor & Destructor Documentation

6.12.2.1 def Unparse.Unparser.__init__(self, tree, file = sys.stdout)

```
Unparser(tree, file=sys.stdout) -> None.
    Print the source for tree to file.
```

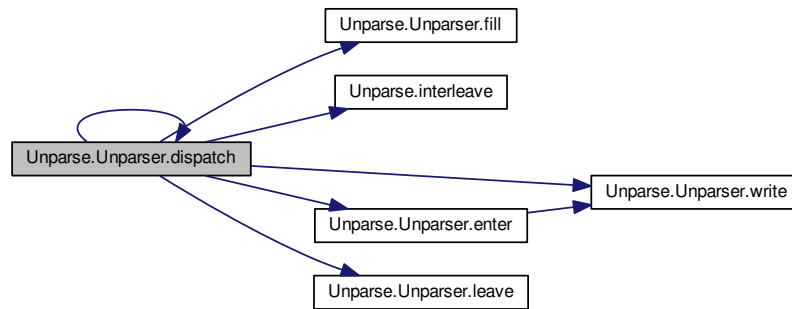
Definition at line 39 of file Unparse.py.

6.12.3 Member Function Documentation

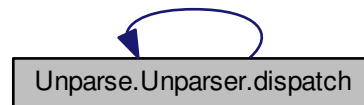
6.12.3.1 def Unparse.Unparser.dispatch(self, tree)

Definition at line 68 of file Unparse.py.

Here is the call graph for this function:



Here is the caller graph for this function:



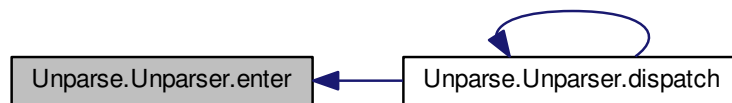
6.12.3.2 `def Unparse.Unparser.enter (self)`

Definition at line 59 of file `Unparse.py`.

Here is the call graph for this function:



Here is the caller graph for this function:



6.12.3.3 `def Unparse.Unparser.fill (self, text = " ")`

Definition at line 50 of file `Unparse.py`.

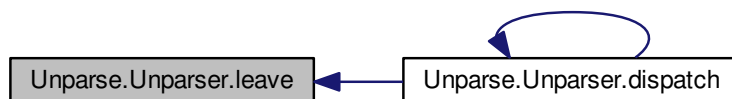
Here is the caller graph for this function:



6.12.3.4 `def Unparse.Unparser.leave (self)`

Definition at line 64 of file `Unparse.py`.

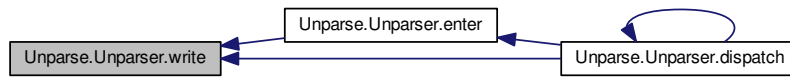
Here is the caller graph for this function:



6.12.3.5 `def Unparse.Unparser.write (self, text)`

Definition at line 54 of file `Unparse.py`.

Here is the caller graph for this function:



6.12.4 Member Data Documentation

6.12.4.1 dictionary Unparse.Unparser.binop [static]

Initial value:

```

1 = { "Add": "+", "Sub": "-", "Mult": "*", "Div": "/", "Mod": "%",
2     "LShift": "<<", "RShift": ">>", "BitOr": "|", "BitXor": "^", "BitAnd": "&",
3     "FloorDiv": "//", "Pow": "**"}

```

Definition at line 452 of file Unparse.py.

6.12.4.2 dictionary Unparse.Unparser.boolops = {ast.And: 'and', ast.Or: 'or'} [static]

Definition at line 472 of file Unparse.py.

6.12.4.3 dictionary Unparse.Unparser.cmpops [static]

Initial value:

```

1 = {"Eq": "==", "NotEq": "!=", "Lt": "<", "LtE": "<=", "Gt": ">", "GtE": ">=",
2     "Is": "is", "IsNot": "is not", "In": "in", "NotIn": "not in"}

```

Definition at line 462 of file Unparse.py.

6.12.4.4 Unparse.Unparser.f

Definition at line 42 of file Unparse.py.

6.12.4.5 Unparse.Unparser.future_imports

Definition at line 43 of file Unparse.py.

6.12.4.6 dictionary Unparse.Unparser.unop = {"Invert": "~", "Not": "not", "UAdd": "+", "USub": "-"} [static]

Definition at line 434 of file Unparse.py.

The documentation for this class was generated from the following file:

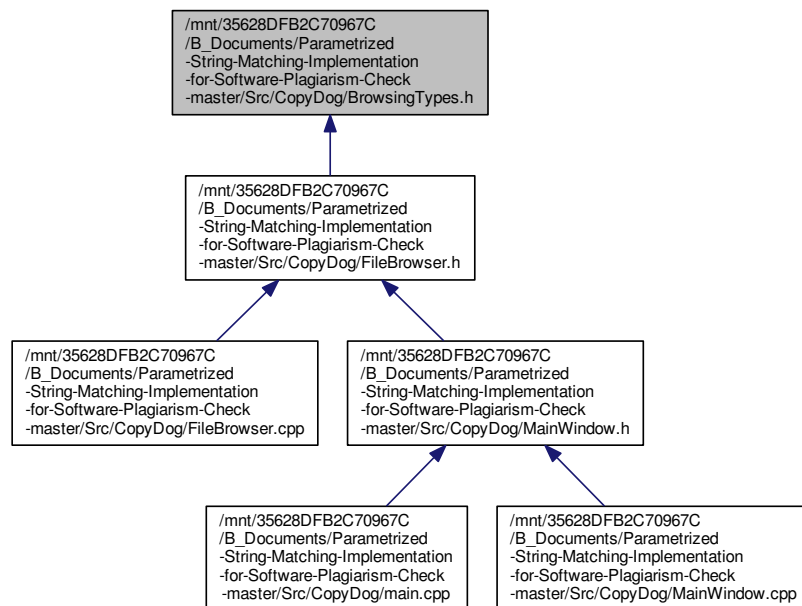
- /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software--Plagiarism-Check-master/Src/CopyDog/Unparse.py

Chapter 7

File Documentation

7.1 /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-Plagiarism-Check-master/Src/CopyDog/BrowsingTypes.h File Reference

This graph shows which files directly or indirectly include this file:



Enumerations

- enum `BrowsingType` { `eSelectAllFiles`, `eSelectFilesManually`, `eDecompressAndSelectAll` }

7.1.1 Enumeration Type Documentation

7.1.1.1 enum BrowsingType

Enumerator

eSelectAllFiles

eSelectFilesManually

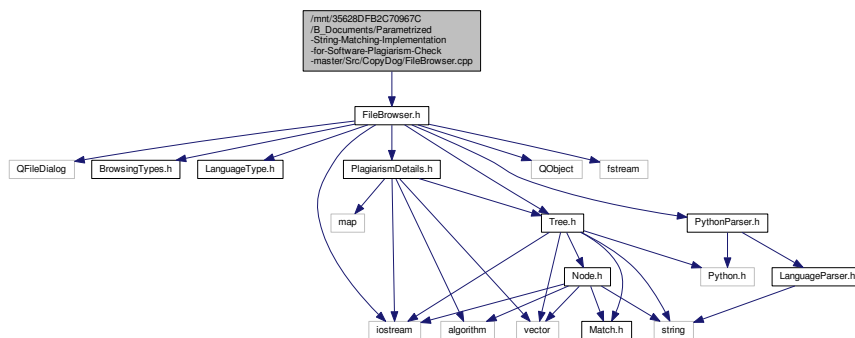
eDecompressAndSelectAll

Definition at line 4 of file BrowsingTypes.h.

7.2 /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-Plagiarism-Check-master/Src/CopyDog/FileBrowser.cpp File Reference

```
#include "FileBrowser.h"
```

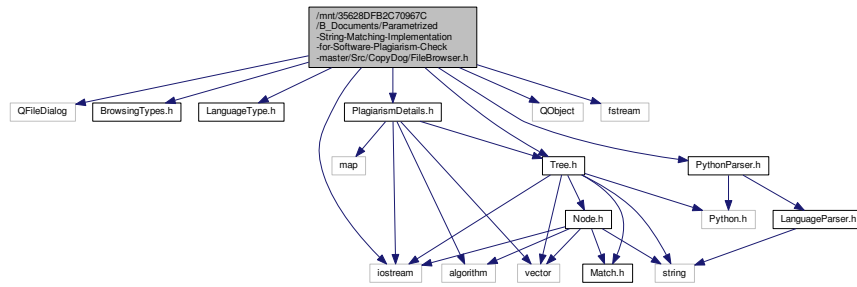
Include dependency graph for FileBrowser.cpp:



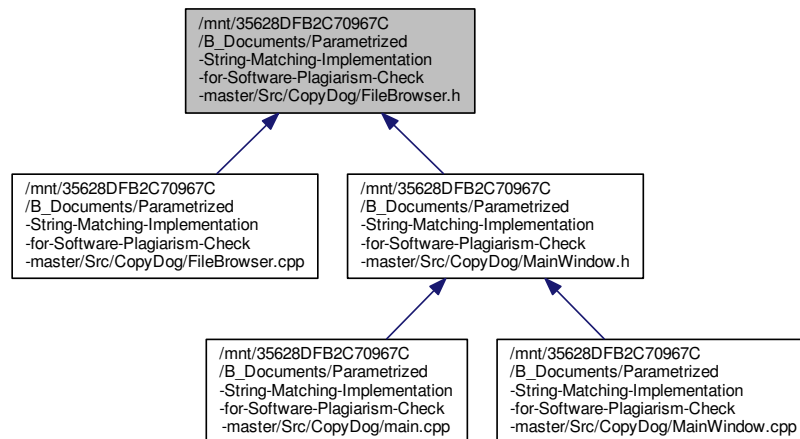
7.3 /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-Plagiarism-Check-master/Src/CopyDog/FileBrowser.h File Reference

```
#include <QFileDialog>
#include <BrowsingTypes.h>
#include <LanguageType.h>
#include <iostream>
#include <QObject>
#include <Tree.h>
#include <fstream>
#include <PythonParser.h>
#include <PlagiarismDetails.h>
```

Include dependency graph for FileBrowser.h:



This graph shows which files directly or indirectly include this file:



Classes

- class [FileBrowser](#)

Variables

- [Tree suffixTree](#)

7.3.1 Variable Documentation

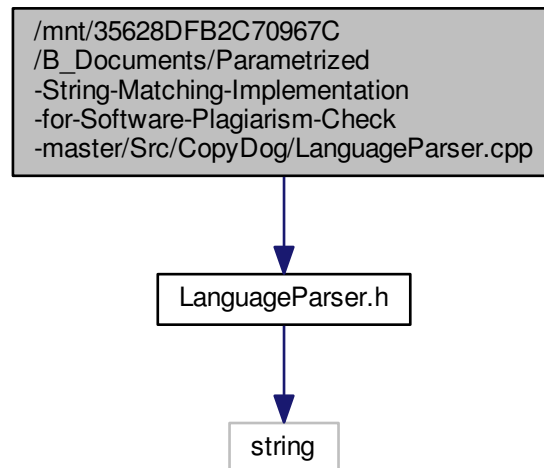
7.3.1.1 Tree suffixTree

Definition at line 15 of file main.cpp.

7.4 /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-Plagiarism-Check-master/Src/CopyDog/LanguageParser.cpp File Reference

```
#include "LanguageParser.h"
```

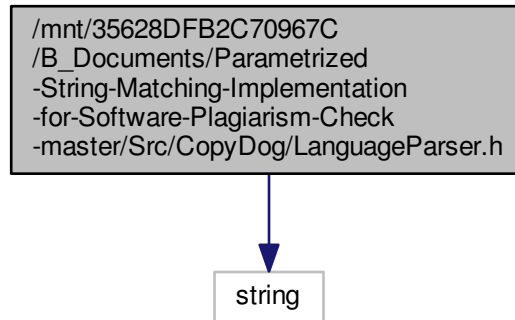
Include dependency graph for LanguageParser.cpp:



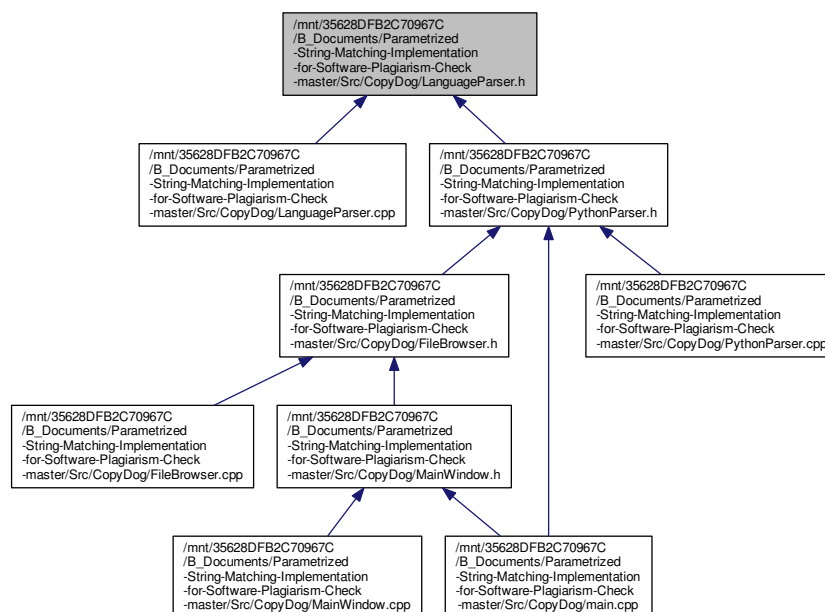
7.5 /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-Plagiarism-Check-master/Src/CopyDog/LanguageParser.h File Reference

```
#include <string>
```

Include dependency graph for LanguageParser.h:



This graph shows which files directly or indirectly include this file:

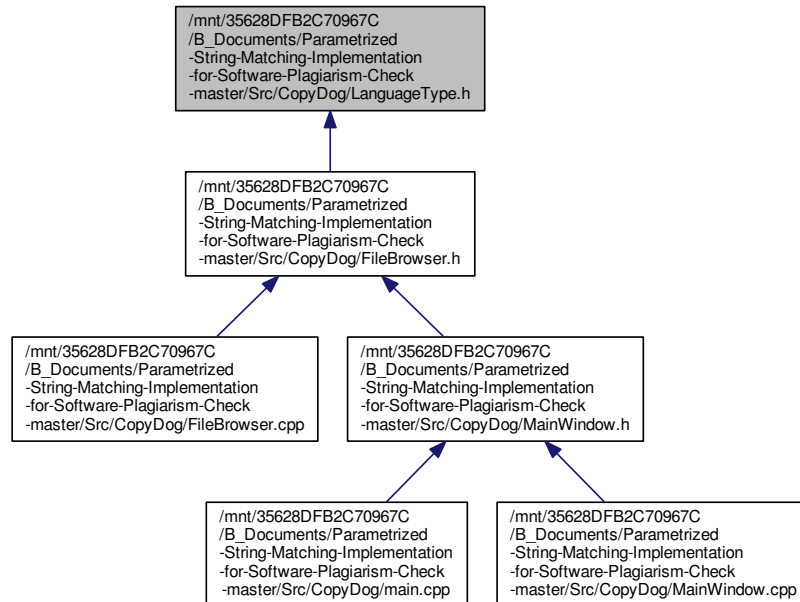


Classes

- class [LanguageParser](#)

7.6 /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-Plagiarism-Check-master/Src/CopyDog/LanguageType.h File Reference

This graph shows which files directly or indirectly include this file:



Enumerations

- enum `LanguageType` { `eC`, `eCPP`, `ePython` }

7.6.1 Enumeration Type Documentation

7.6.1.1 enum `LanguageType`

Enumerator

`eC`

`eCPP`

`ePython`

Definition at line 4 of file `LanguageType.h`.

7.7.2 Variable Documentation

7.7.2.1 Tree suffixTree

Definition at line 15 of file main.cpp.

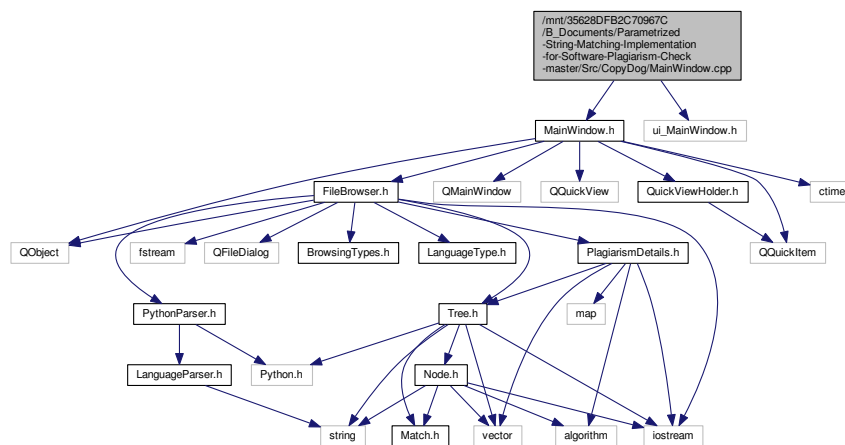
7.7.2.2 QuickViewHolder viewHolder

Definition at line 16 of file main.cpp.

7.8 /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-Plagiarism-Check-master/Src/CopyDog/MainWindow.cpp File Reference

```
#include "MainWindow.h"
#include "ui_MainWindow.h"
```

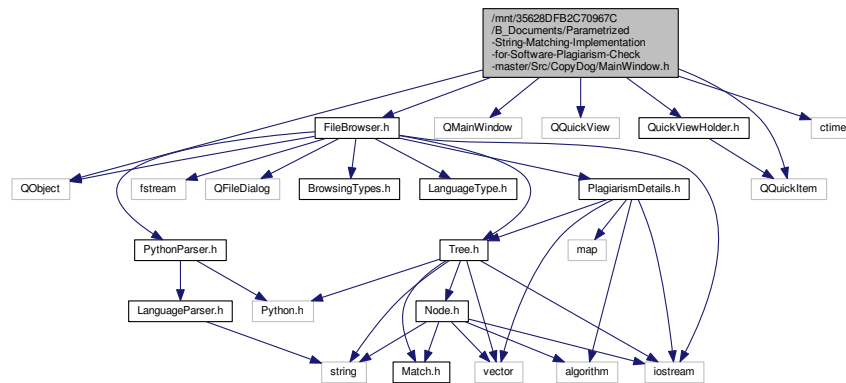
Include dependency graph for MainWindow.cpp:



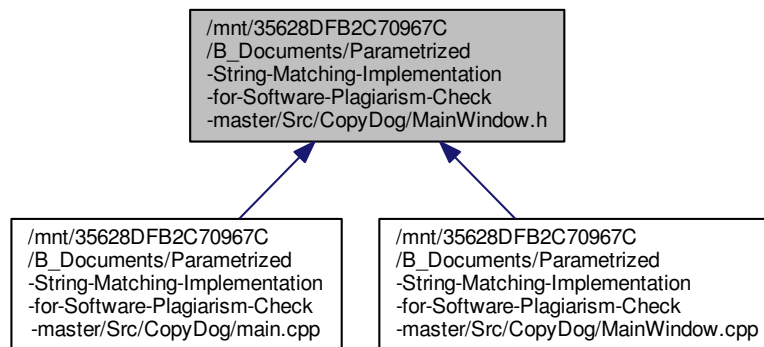
7.9 /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-Plagiarism-Check-master/Src/CopyDog/MainWindow.h File Reference

```
#include <QObject>
#include <QMainWindow>
#include <FileBrowser.h>
#include <QQuickView>
#include <QuickViewHolder.h>
#include <QQuickItem>
#include <ctime>
```

Include dependency graph for MainWindow.h:



This graph shows which files directly or indirectly include this file:



Classes

- class [MainWindow](#)

Variables

- [QuickViewHolder](#) viewHolder
- int [MINIMUM_COPY_LENGTH](#)

7.9.1 Variable Documentation

7.9.1.1 int MINIMUM_COPY_LENGTH

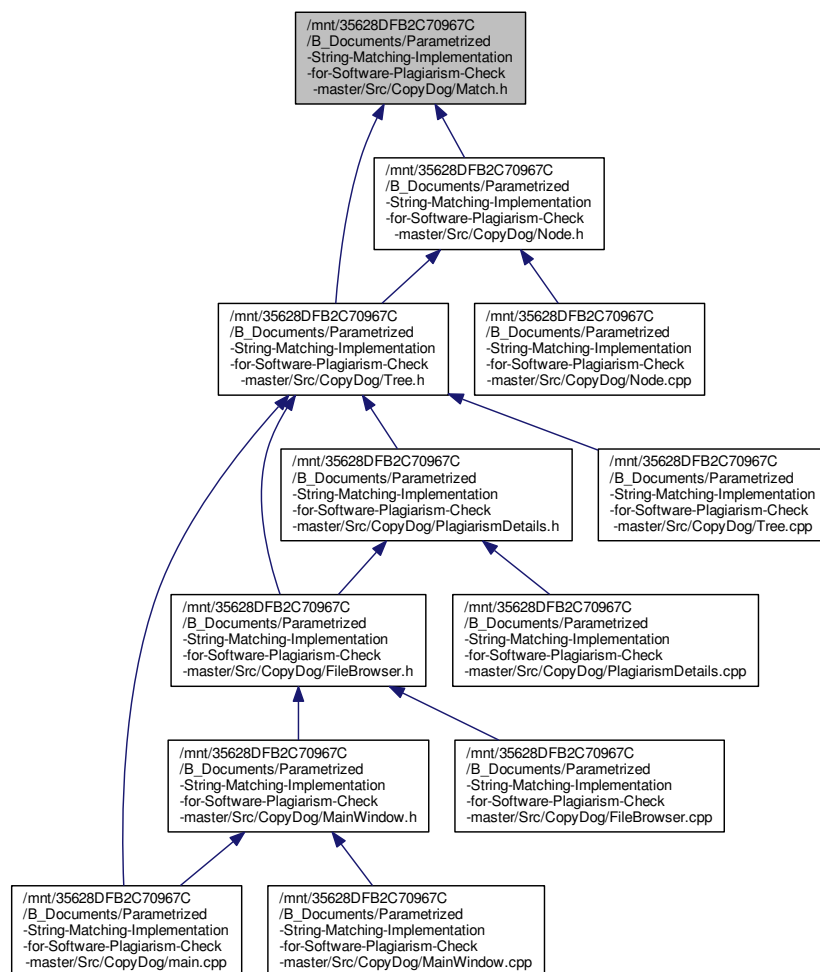
Definition at line 3 of file PlagiarismDetails.cpp.

7.9.1.2 QuickViewHolder viewHolder

Definition at line 16 of file main.cpp.

7.10 /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-Plagiarism-Check-master/Src/CopyDog/Match.h File Reference

This graph shows which files directly or indirectly include this file:



Classes

- struct [Match](#)

Enumerations

- enum [matchType](#) { [eFullMatch](#), [ePartialMatch](#), [eNoMatch](#) }
- enum [stringSuffixLengthMatchType](#) { [eStringLarger](#), [eSuffixLarger](#), [eStringSuffixSame](#) }

7.10.1 Enumeration Type Documentation

7.10.1.1 enum matchType

Enumerator

eFullMatch

ePartialMatch

eNoMatch

Definition at line 4 of file Match.h.

7.10.1.2 enum stringSuffixLengthMatchType

Enumerator

eStringLarger

eSuffixLarger

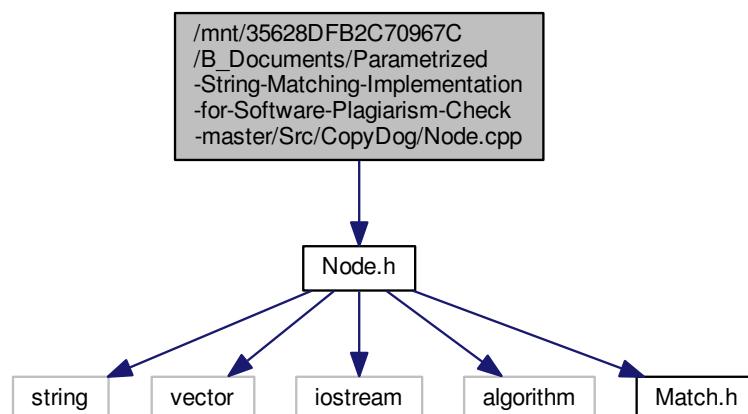
eStringSuffixSame

Definition at line 12 of file Match.h.

7.11 /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-Plagiarism-Check-master/Src/CopyDog/Node.cpp File Reference

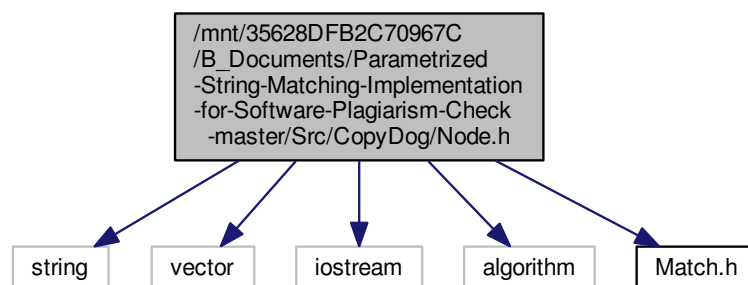
```
#include "Node.h"
```

Include dependency graph for Node.cpp:

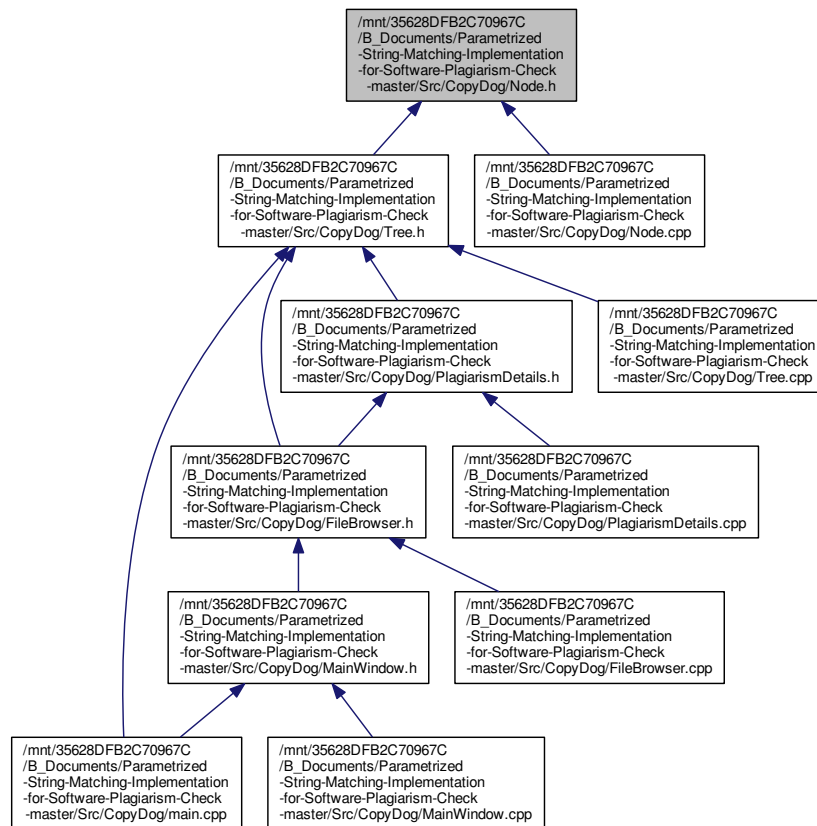


7.12 /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-Plagiarism-Check-master/Src/CopyDog/Node.h File Reference

```
#include <string>
#include <vector>
#include <iostream>
#include <algorithm>
#include "Match.h"
Include dependency graph for Node.h:
```



This graph shows which files directly or indirectly include this file:



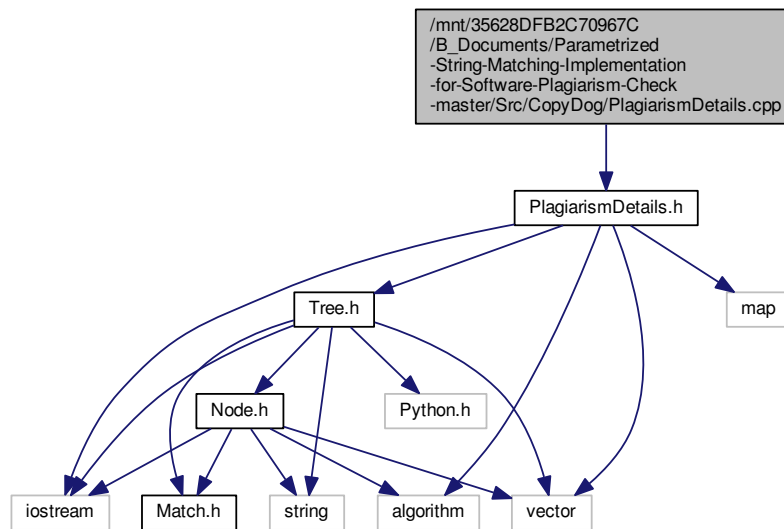
Classes

- class [Node](#)

7.13 /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-Plagiarism-Check-master/Src/CopyDog/PlagiarismDetails.cpp File Reference

```
#include "PlagiarismDetails.h"
```

Include dependency graph for PlagiarismDetails.cpp:



Variables

- int `MINIMUM_COPY_LENGTH` = 200

7.13.1 Variable Documentation

7.13.1.1 int `MINIMUM_COPY_LENGTH` = 200

Definition at line 3 of file PlagiarismDetails.cpp.

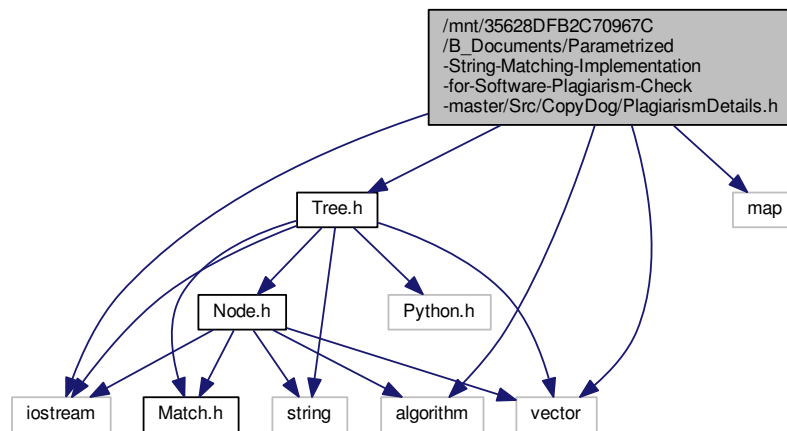
7.14 /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-Plagiarism-Check-master/Src/CopyDog/PlagiarismDetails.h File Reference

```

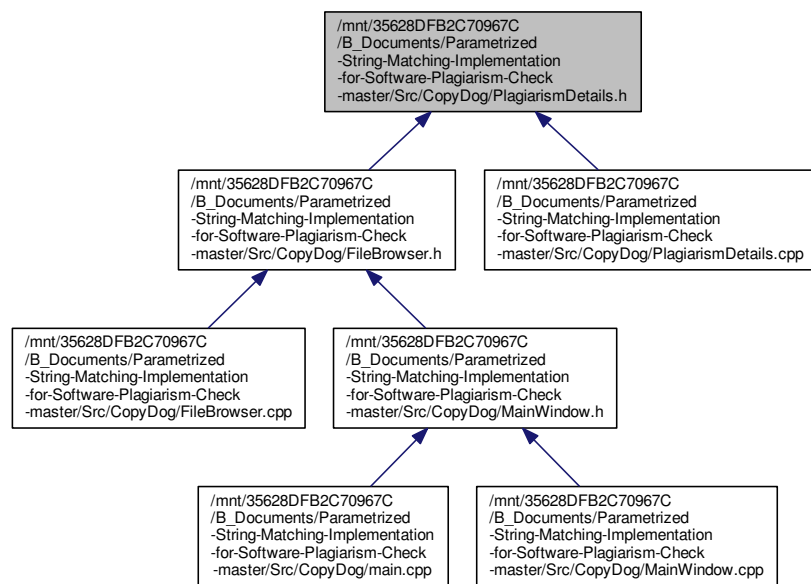
#include <iostream>
#include <algorithm>
#include <map>
#include <vector>
#include <Tree.h>

```

Include dependency graph for PlagiarismDetails.h:



This graph shows which files directly or indirectly include this file:



Classes

- class [PlagiarismDetails](#)

Macros

- `#define MINIMUM_DEPTH_TO_CHECK 5`

Variables

- [Tree suffixTree](#)

7.14.1 Macro Definition Documentation

7.14.1.1 `#define MINIMUM_DEPTH_TO_CHECK 5`

Definition at line 12 of file PlagiarismDetails.h.

7.14.2 Variable Documentation

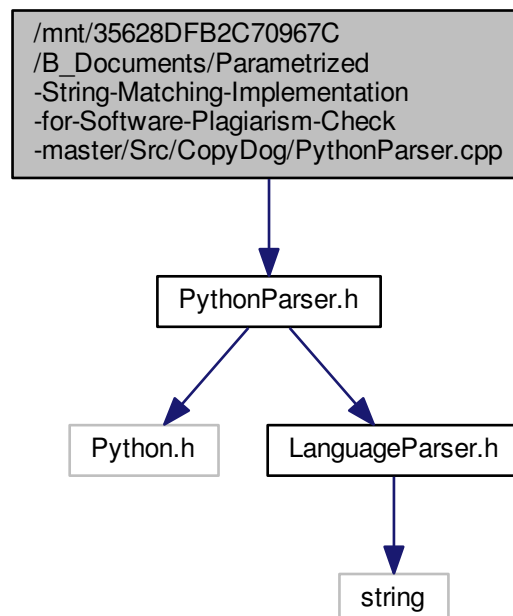
7.14.2.1 Tree suffixTree

Definition at line 15 of file main.cpp.

7.15 `/mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-Plagiarism-Check-master/Src/CopyDog/PythonParser.cpp` File Reference

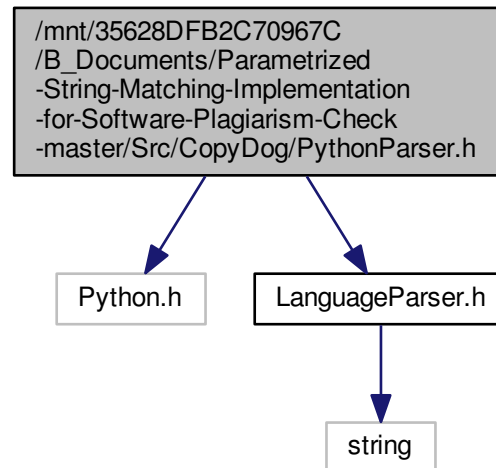
```
#include "PythonParser.h"
```

Include dependency graph for PythonParser.cpp:

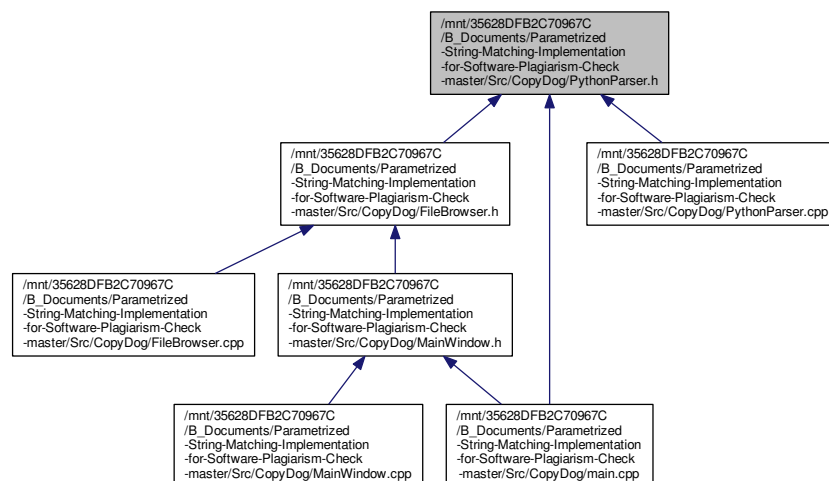


7.16 /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-Plagiarism-Check-master/Src/CopyDog/PythonParser.h File Reference

```
#include "Python.h"
#include <LanguageParser.h>
Include dependency graph for PythonParser.h:
```



This graph shows which files directly or indirectly include this file:



Classes

- class `PythonParser`

7.17 /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-Plagiarism-Check-master/Src/CopyDog/PythonParser.py File Reference

Classes

- class [PythonParser.FirstParser](#)
- class [PythonParser.StripWhiteSpaceParser](#)

Namespaces

- [PythonParser](#)

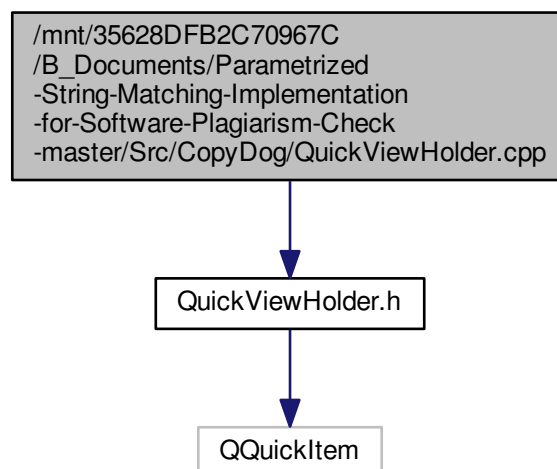
Functions

- def [PythonParser.parseAndStripWhiteSpaceComments](#)
- def [PythonParser.createSuffixCompatibleSource](#)
- def [PythonParser.getPlainText](#)

7.18 /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-Plagiarism-Check-master/Src/CopyDog/QuickViewHolder.cpp File Reference

```
#include "QuickViewHolder.h"
```

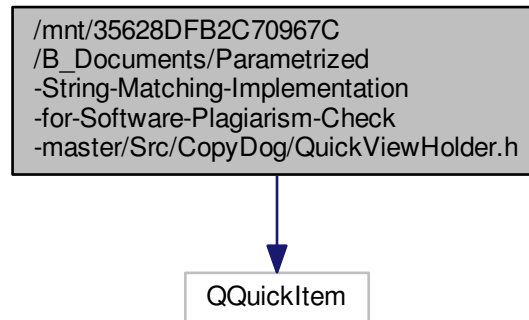
Include dependency graph for QuickViewHolder.cpp:



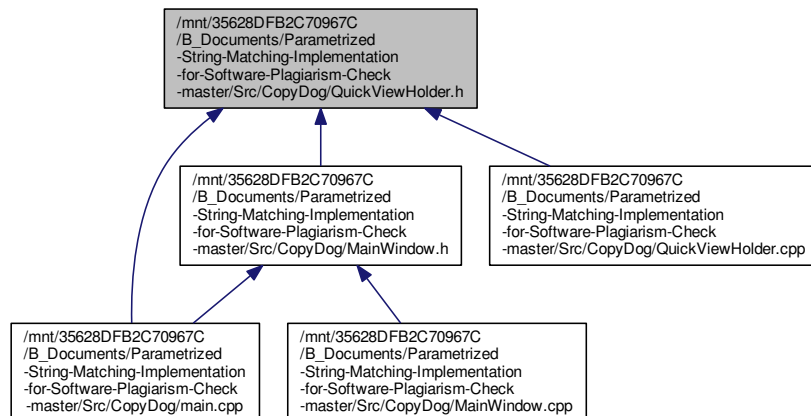
7.19 /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-Plagiarism-Check-master/Src/CopyDog/QuickViewHolder.h File Reference

```
#include <QQuickItem>
```

Include dependency graph for QuickViewHolder.h:



This graph shows which files directly or indirectly include this file:



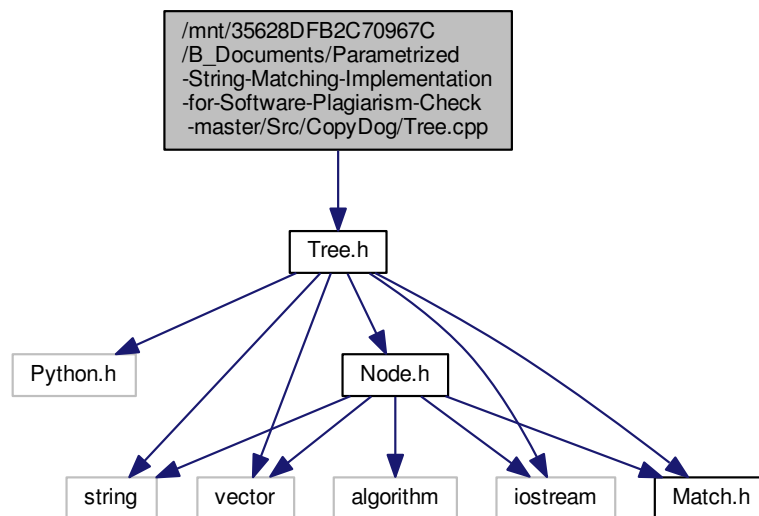
Classes

- class [QuickViewHolder](#)

7.20 /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-Plagiarism-Check-master/Src/CopyDog/Tree.cpp File Reference

```
#include "Tree.h"
```

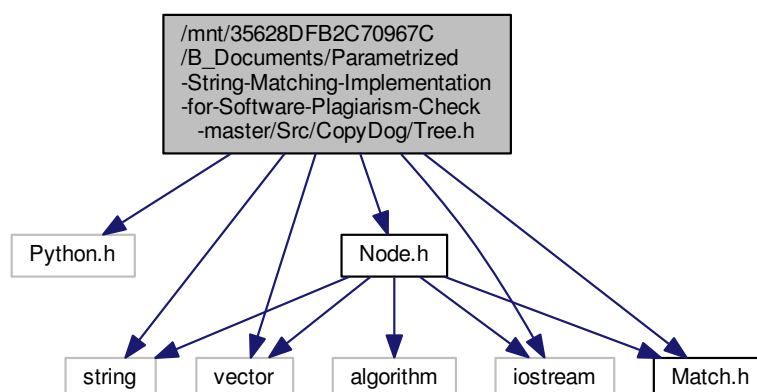
Include dependency graph for Tree.cpp:



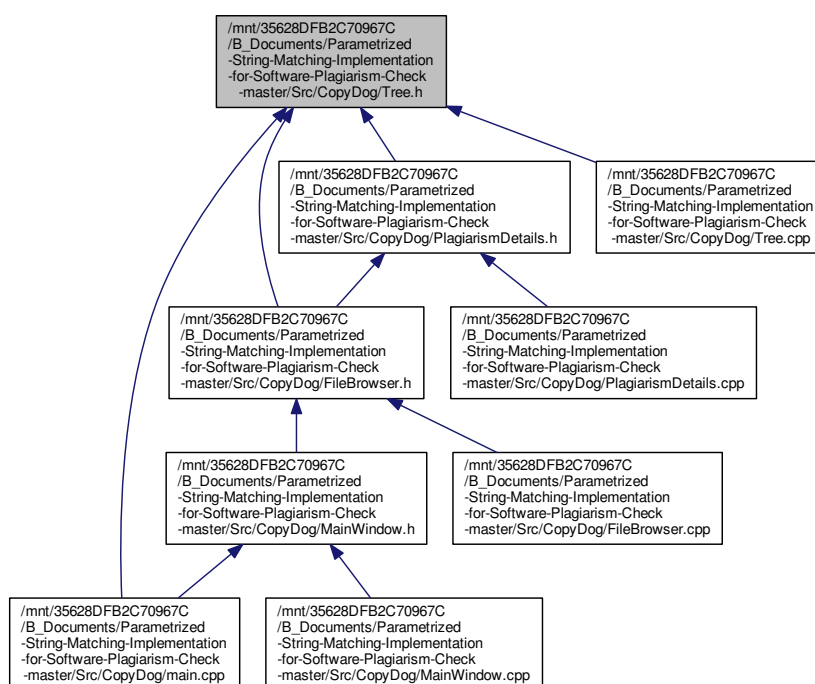
7.21 /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-Plagiarism-Check-master/Src/CopyDog/Tree.h File Reference

```
#include "Python.h"
#include <string>
#include <vector>
#include <iostream>
#include "Node.h"
#include "Match.h"
```

Include dependency graph for Tree.h:



This graph shows which files directly or indirectly include this file:



Classes

- class [Tree](#)

7.22 /mnt/35628DFB2C70967C/B_Documents/Parametrized-String-Matching-Implementation-for-Software-Plagiarism-Check-master/Src/CopyDog/Unparse.py File Reference

Classes

- class [Unparse.Unparser](#)

Namespaces

- [Unparse](#)

Functions

- def [Unparse.interleave](#)
- def [Unparse.roundtrip](#)
- def [Unparse.testdir](#)
- def [Unparse.main](#)

Variables

- string [Unparse.INFSTR](#) = "1e"
-