clang::tidy PagesJaunes rules

1.0

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Chapter 1

Todo List

Member clang::tidy::pagesjaunes::decodeHostVars (const std::string &hostVarList)

Replace the associative array filled with some dedicated classes/AST instances

Member clang::tidy::pagesjaunes::findCXXRecordMemberInTranslationUnit (const TranslationUnitDecl ∗transUnit, const std::string &cxxRecordName, const std::string &memberName)

Replace the associative array filled with some dedicated classes/AST instances

Member clang::tidy::pagesjaunes::findDeclInFunction (const FunctionDecl ∗func, const std::string &symName)

Replace the associative array filled with some dedicated classes/AST instances

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Chapter 6

Namespace Documentation

6.1 clang Namespace Reference

Namespaces

- tidy

6.2 clang::tidy Namespace Reference

Namespaces

- pagesjaunes

Variables

- volatile int PagesJaunesModuleAnchorSource = 0

6.2.1 Variable Documentation

6.2.1.1 PagesJaunesModuleAnchorSource

```
volatile int clang::tidy::PagesJaunesModuleAnchorSource = 0
```

Definition at line 275 of file PagesJaunesTidyModule.cpp.

6.3 clang::tidy::pagesjaunes Namespace Reference

Namespaces

- test

Classes

- class CCharToCXXString

  Checks that argument name match parameter name rules.
- class DeIncludePreProC
- class ExecSQLAllocateToFunctionCall
- class ExecSQLCloseToFunctionCall
- class ExecSQLFetchToFunctionCall
- class ExecSQLForToFunctionCall
- class ExecSQLFreeToFunctionCall
- class ExecSQLLOBCloseToFunctionCall
- class ExecSQLLOBCreateToFunctionCall
- class ExecSQLLOBFreeToFunctionCall
- class ExecSQLLOBOpenToFunctionCall
- class ExecSQLLOBReadToFunctionCall
- class ExecSQLOpenToFunctionCall
- class ExecSQLPrepareFmtdToFunctionCall
- class ExecSQLPrepareToFunctionCall
- class ExecSQLToFunctionCall
- class PagesJaunesModule
- struct VarDeclMatchRecord

Functions

- std::string createParamsDef (const std::string &type, const std::string &elemtype, const std::string &size, const std::string &name)
- std::string createParamsDeclareSection (const std::string &type, const std::string &elemtype, const std::string &size, const std::string &name, const std::string &paramname)
- std::string createParamsDecl (const std::string &type, const std::string &elemtype, const std::string &size)
- std::string createParamsCall (const std::string &name)
- std::string createHostVarList (const std::string &name, bool isIndicator=false)
- const VarDecl * findSymbolInFunction (MatchFinder::MatchCallback &vdMatcher, ClangTool *tool, std::string &varName, const FunctionDecl *func, std::vector< struct clang::tidy::pagesjaunes::VarDeclMatchRecord *> &collector)

  Find a symbol, its definition and line number in the current function.
- string2_map findDeclInFunction (const FunctionDecl *func, const std::string &symName)

  Find a declaration of a symbol in the context of a function by using the function DeclContext iterators until the symbol is found. This method do not update AST. It only browse known declarations in the context of a function. On successfull completion the map will contain:
- string2_map findCXXRecordMemberInTranslationUnit (const TranslationUnitDecl *transUnit, const std::string &cxxRecordName, const std::string &memberName)

  This function will browse a translation unit and search for a specific named CXXRecord and a named member of it.
- map_host_vars decodeHostVars (const std::string &hostVarList)
- void createBackupFile (const std::string &pathname)

  Create a backup file for file pathname provided.
- std::vector< std::string > bufferSplit (char *buffer, std::vector< std::string >::size_type &nlines, std::vector< std::string >::size_type reserve, bool start_at_0)
- const char * readTextFile (const char *filename, std::size_t &filesize)

  read a text file and correctly append 0 at end of read string
- void onStartOfTranslationUnit (map_comment_map_replacement_values &replacement_per_comment)

  called at start of processing of translation unit
- void onEndOfTranslationUnit (map_comment_map_replacement_values &replacement_per_comment, const std::string &generation_report_modification_in_dir, bool generation_do_keep_commented_out_exec_sql)

  called at end of processing of translation unit

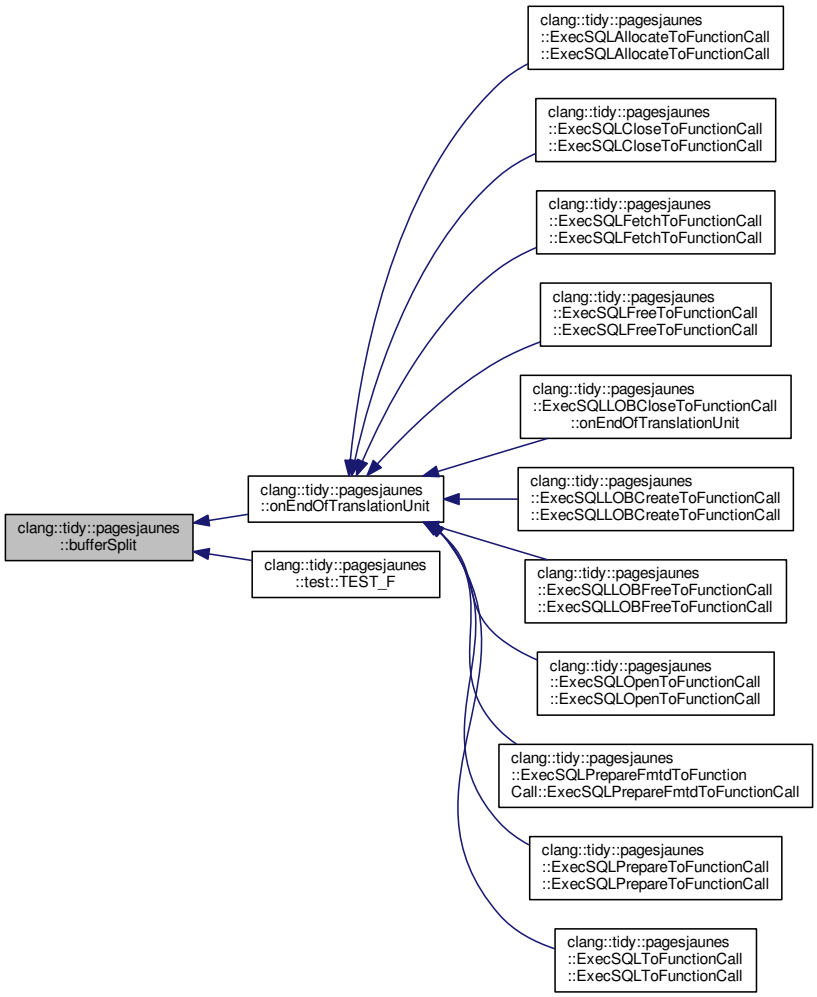
6.3.1 Function Documentation

6.3.1.1 bufferSplit()

```
std::vector< std::string > clang::tidy::pagesjaunes::bufferSplit (
            char * buffer,
            std::vector< std::string >::size_type & nlines,
            std::vector< std::string >::size_type reserve,
            bool start_at_0 )
```

Definition at line 746 of file ExecSQLCommon.cpp.

Here is the caller graph for this function:



6.3.1.2 createBackupFile()

```
void clang::tidy::pagesjaunes::createBackupFile (
            const std::string & pathname )
```

Create a backup file for file pathname provided.

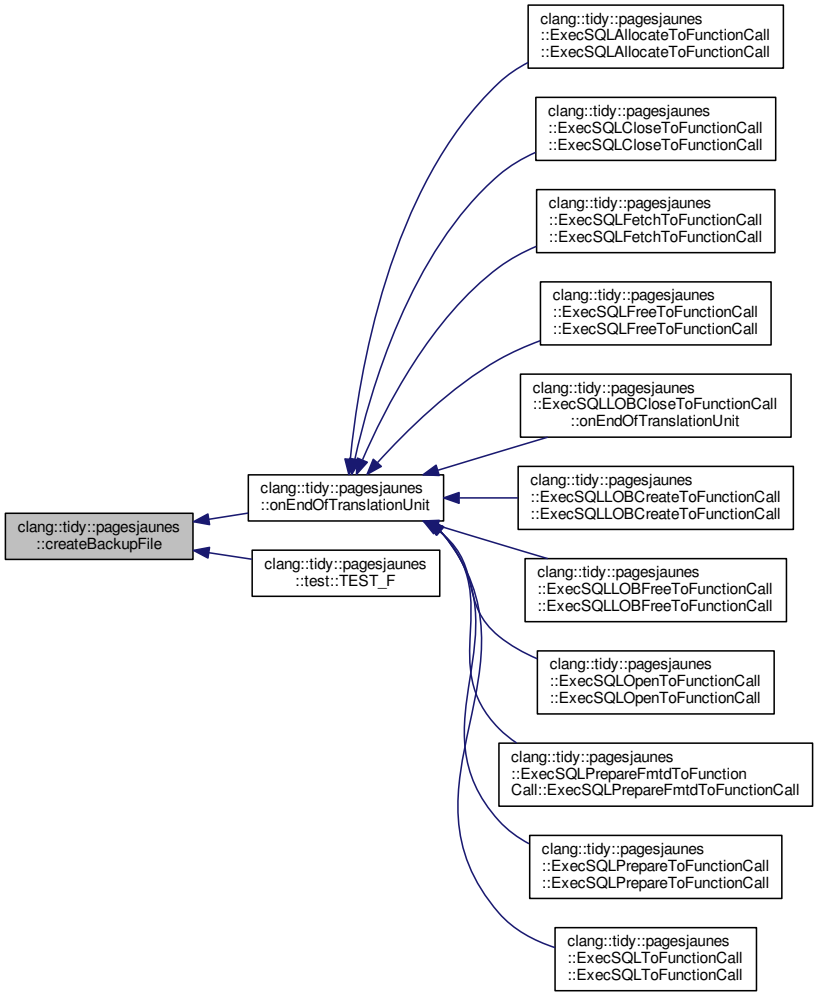
createBackupFile

Parameters

in	*pathame*	the pathname of the file we want to create a backup for

Definition at line 666 of file ExecSQLCommon.cpp.

Here is the caller graph for this function:

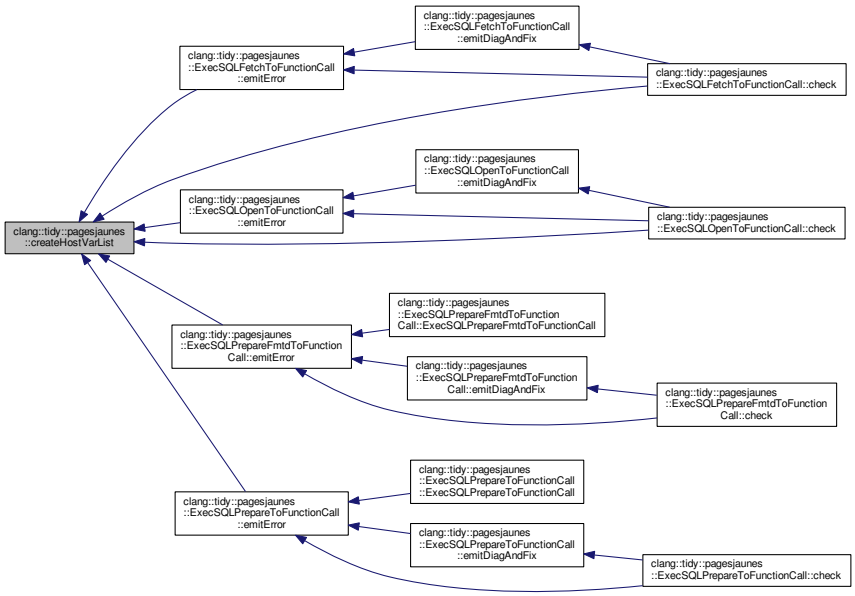


6.3.1.3 createHostVarList()

```
std::string clang::tidy::pagesjaunes::createHostVarList (
            const std::string & name,
            bool isIndicator = false )
```

Definition at line 249 of file ExecSQLCommon.cpp.

Here is the caller graph for this function:

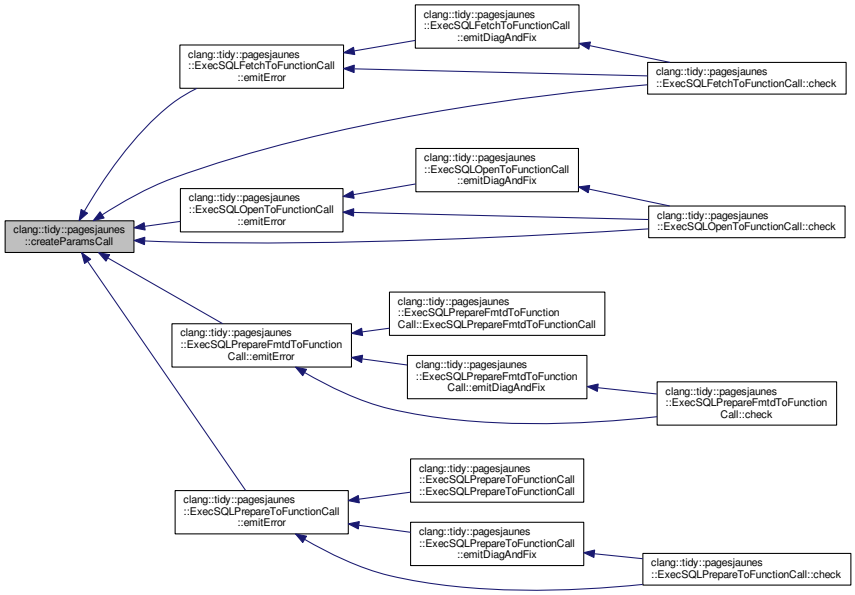


6.3.1.4 createParamsCall()

```
std::string clang::tidy::pagesjaunes::createParamsCall (
            const std::string & name )
```

Definition at line 220 of file ExecSQLCommon.cpp.

Here is the caller graph for this function:

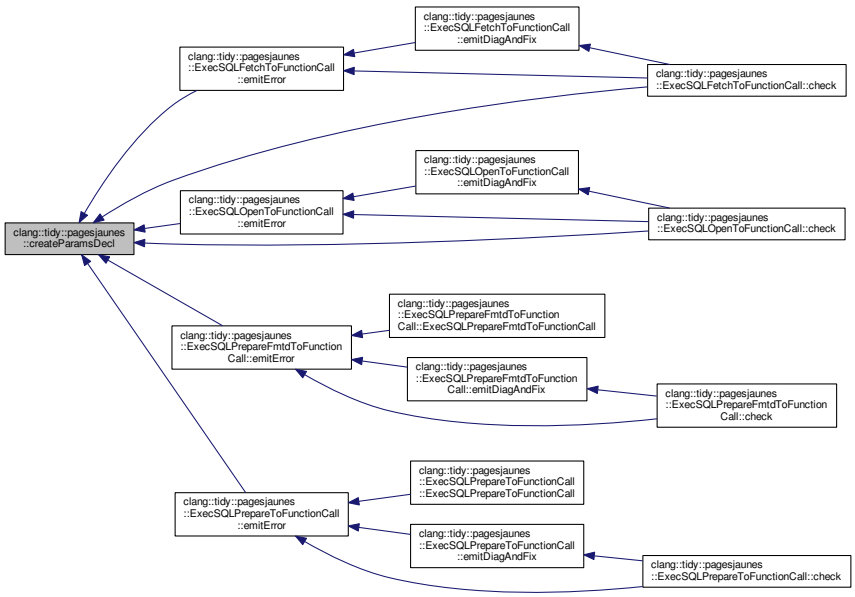


6.3.1.5 createParamsDecl()

```
std::string clang::tidy::pagesjaunes::createParamsDecl (
            const std::string & type,
            const std::string & elemtype,
            const std::string & size )
```

Definition at line 178 of file ExecSQLCommon.cpp.

Here is the caller graph for this function:

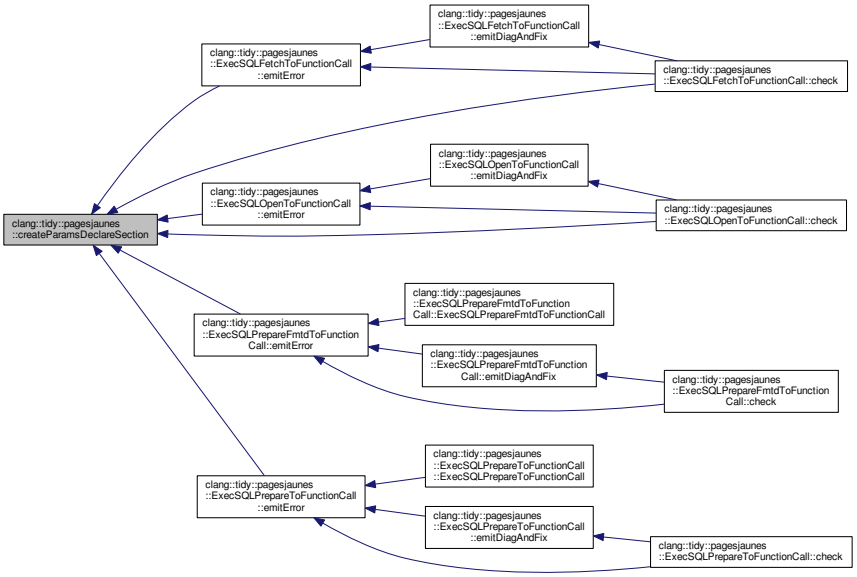


6.3.1.6 createParamsDeclareSection()

```
std::string clang::tidy::pagesjaunes::createParamsDeclareSection (
            const std::string & type,
            const std::string & elemtype,
            const std::string & size,
            const std::string & name,
            const std::string & paramname )
```

Definition at line 119 of file ExecSQLCommon.cpp.

Here is the caller graph for this function:

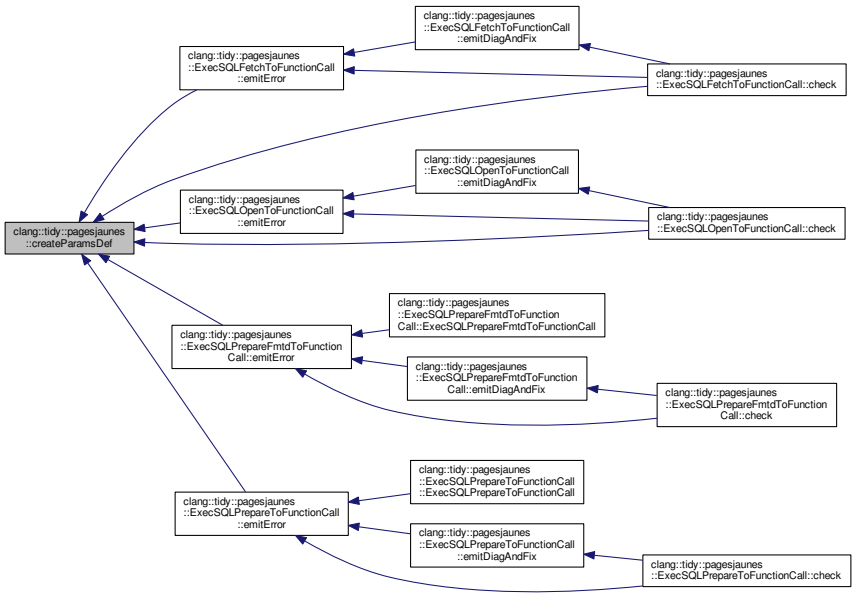


6.3.1.7 createParamsDef()

```
std::string clang::tidy::pagesjaunes::createParamsDef (
            const std::string & type,
            const std::string & elemtype,
            const std::string & size,
            const std::string & name )
```

Definition at line 63 of file ExecSQLCommon.cpp.

Here is the caller graph for this function:



6.3.1.8 decodeHostVars()

```
map_host_vars clang::tidy::pagesjaunes::decodeHostVars (
            const std::string & hostVarList )
```

decodeHostVars

This function decode an input string of host variables (and indicators). It parse the string and return a data structure made of maps containing host variables. It supports pointers and struct dereferencing and returns values of record or struct variables, members, indicators. It trims record and member values. The first level of map contains the number of the host variable as key and a map for the host variable description.

#1 -> map host var #1 #2 -> map host var #2 #3 -> map host var #3 ... #n -> map host var #n

Each host var map contains some string keys for each variable component. They are:

- "full": the full match for this host variable (contains spaces and is the exact value matched)
- "hostvar": the complete host var referencing expr (spaces were trimmed)
- "hostrecord": the value of the host variable record/struct variable value.
- "hostmember": the value of the record/struct member for this host variable expr.
- "deref": Dereferencing operator for this host variable. Empty if not a dereferencing expr.

For indicators the same field/keys are available with an 'i' appended for 'indicators'. Unitary tests are availables in test/decode_host_vars.cpp For example: the expr ':var1:lvar1, :var2:lvar2' returns the following maps

var #1 var #2 full = ':var1' full = ':var2' fulli = ':lvar1, ' fulli = ':lvar2' hostvar = 'var1' hostvar = 'var2' hostvari = 'lvar1' hostvari = 'lvar2' hostrecord = 'var1' hostrecord = 'var2' hostrecordi = 'lvar1' hostrecordi = 'lvar2' hostmember = 'var1' hostmember = 'var2' hostmemberi = 'lvar1' hostmemberi = 'lvar2' deref = '' deref = '' derefi = '' derefi = ''

Parameters

in	*hostVarList*	the host vars expr to parse/decode

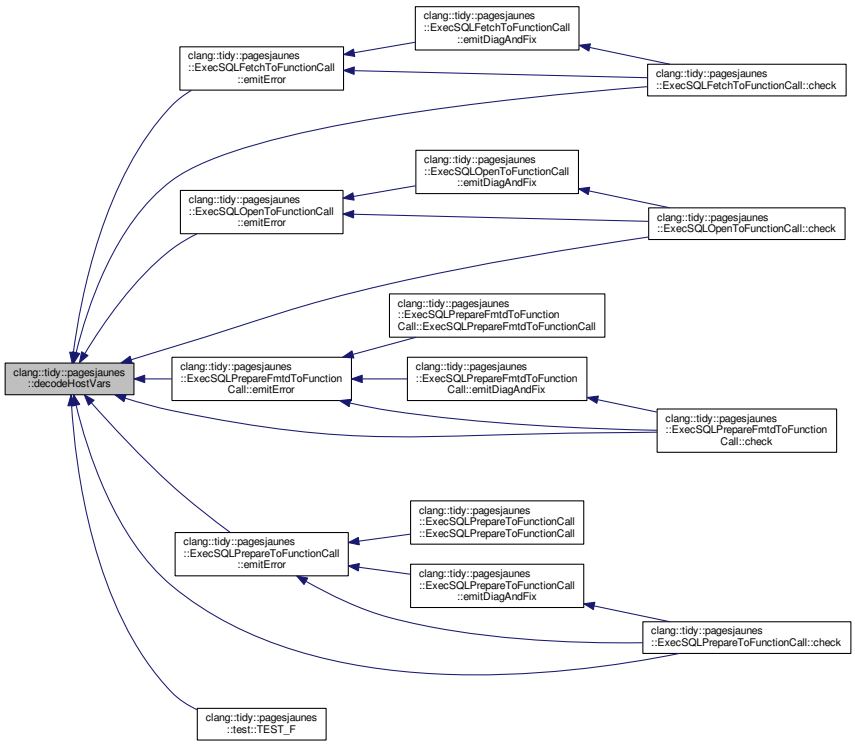
Returns

a map containing the host parsed variables expr

Todo Replace the associative array filled with some dedicated classes/AST instances

Definition at line 542 of file ExecSQLCommon.cpp.

Here is the caller graph for this function:



6.3.1.9 findCXXRecordMemberInTranslationUnit()

```
string2_map clang::tidy::pagesjaunes::findCXXRecordMemberInTranslationUnit (
            const TranslationUnitDecl * transUnit,
            const std::string & cxxRecordName,
            const std::string & memberName )
```

This function will browse a translation unit and search for a specific named CXXRecord and a named member of it.

findCXXRecordMemberInTranslationUnit

Parameters

in	*the*	translation unit declaration context to browse for the record
in	*the*	struct/union/class name to find in the context of the translation unit
in	*the*	member name to find in the class/struct

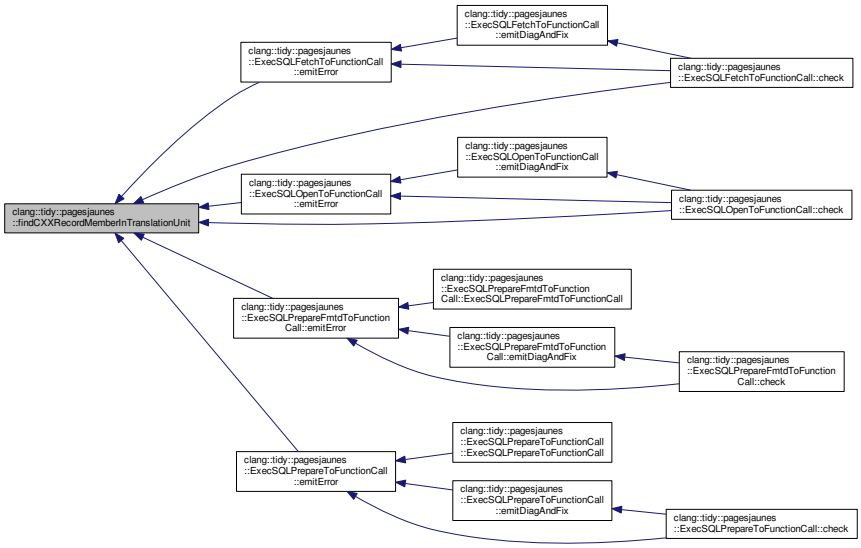
Returns

a map containing informations about the found member. if no record/member were found, the returned map is empty

Todo Replace the associative array filled with some dedicated classes/AST instances

Definition at line 408 of file ExecSQLCommon.cpp.

Here is the caller graph for this function:



6.3.1.10 findDeclInFunction()

```
string2_map clang::tidy::pagesjaunes::findDeclInFunction (
            const FunctionDecl * func,
            const std::string & symName )
```

Find a declaration of a symbol in the context of a function by using the function DeclContext iterators until the symbol is found. This method do not update AST. It only browse known declarations in the context of a function. On successfull completion the map will contain:

findDeclInFunction

- a key "symName" with the symbol name provided
- a key "typeName" with the symbol type name found
- a key "elementType" with the type of the element if the type found is a constant array type
- a key "elemntSize" with the number of element if the type found is a constant array type

Parameters

in	*func*	the function of browse for finding the symbol
in	*symName*	the name of the symbol to find

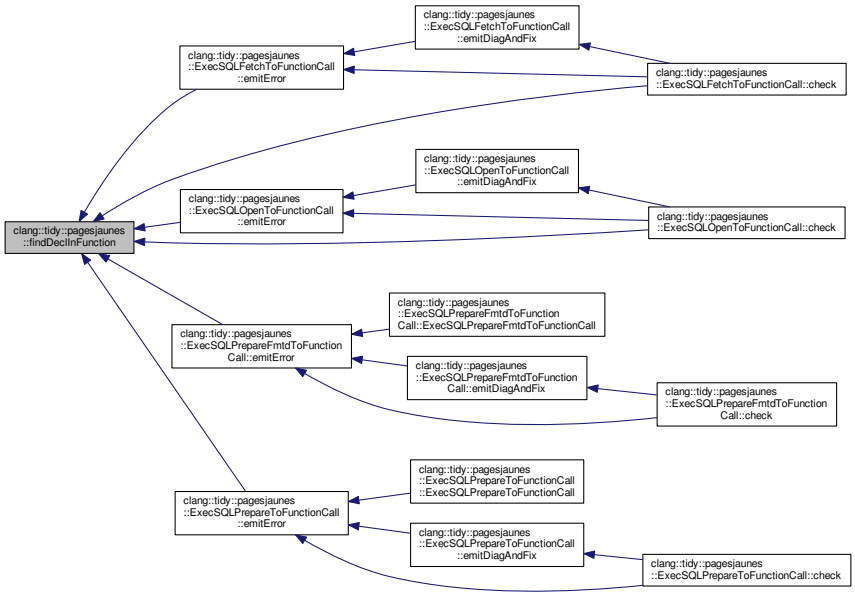
Returns

the map containing informations on the found symbol. The map is empty is no symbol with the same name were found.

Todo Replace the associative array filled with some dedicated classes/AST instances

Definition at line 340 of file ExecSQLCommon.cpp.

Here is the caller graph for this function:



6.3.1.11 findSymbolInFunction()

```
const VarDecl * clang::tidy::pagesjaunes::findSymbolInFunction (
            MatchFinder::MatchCallback & vdMatcher,
            ClangTool * tool,
            std::string & varName,
            const FunctionDecl * func,
            std::vector< struct clang::tidy::pagesjaunes::VarDeclMatchRecord *> & collector )
```

Find a symbol, its definition and line number in the current function.

findSymbolInFunction

This method search the AST from the current function for a given symbol. When found it return a record struct having pointer to AST nodes of interrest.

Parameters

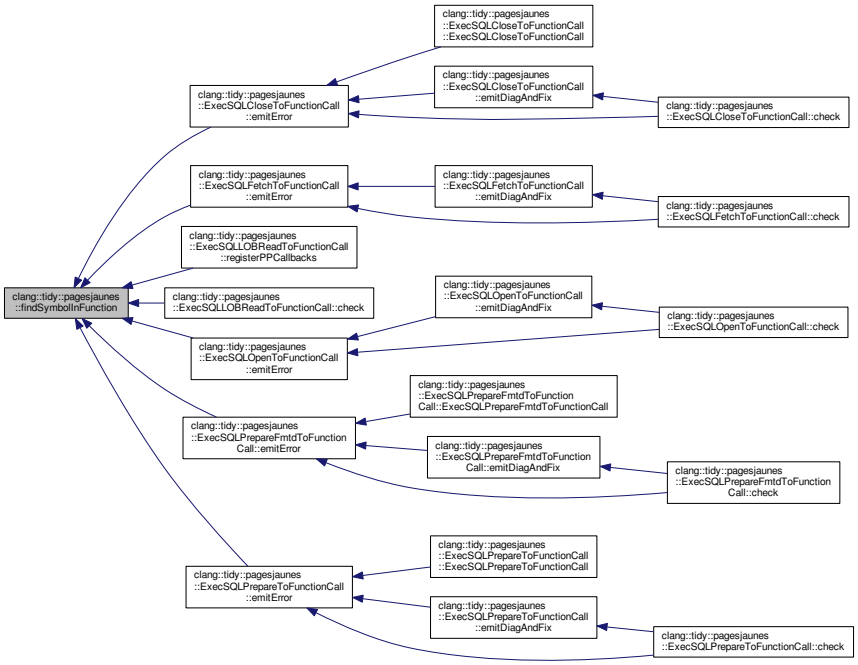
in	*tool*	The clang::tooling::Tool instance
in	*varName*	The name of the symbol to find
in	*func*	The AST node of the function to search into

Returns

The pointer to the varDecl node instance for the searched symbol

Definition at line 285 of file ExecSQLCommon.cpp.

Here is the caller graph for this function:



6.3.1.12 onEndOfTranslationUnit()

```
void clang::tidy::pagesjaunes::onEndOfTranslationUnit (
            map_comment_map_replacement_values & replacement_per_comment,
            const std::string & generation_report_modification_in_dir,
            bool generation_do_keep_commented_out_exec_sql )
```

called at end of processing of translation unit

onEndOfTranslationUnit

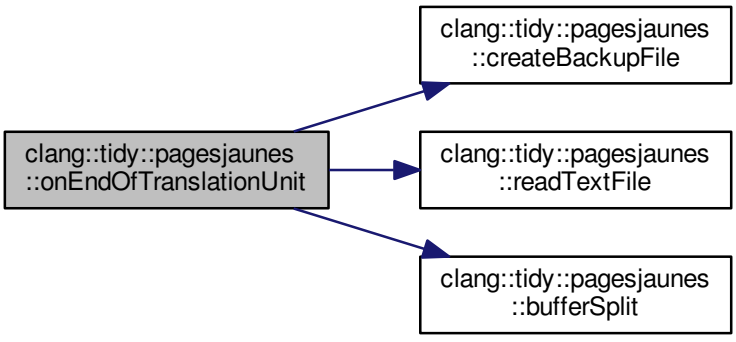
Parameters

in	*replacement_per_comment*	a map containing all key/value pairs for replacing in original .pc file

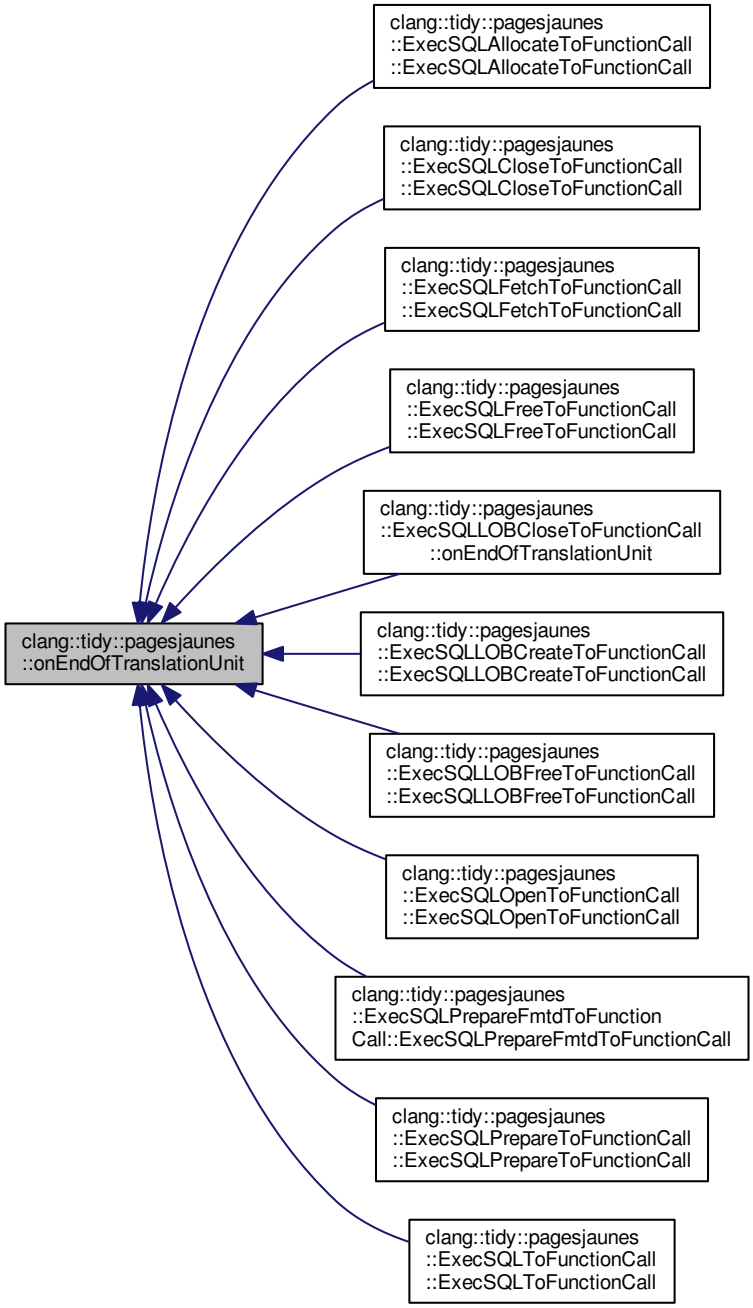
Override to be called at end of translation unit

Definition at line 867 of file ExecSQLCommon.cpp.

Here is the call graph for this function:



Here is the caller graph for this function:



6.3.1.13 onStartOfTranslationUnit()

```
void clang::tidy::pagesjaunes::onStartOfTranslationUnit (
            map_comment_map_replacement_values & replacement_per_comment )
```

called at start of processing of translation unit

onStartOfTranslationUnit

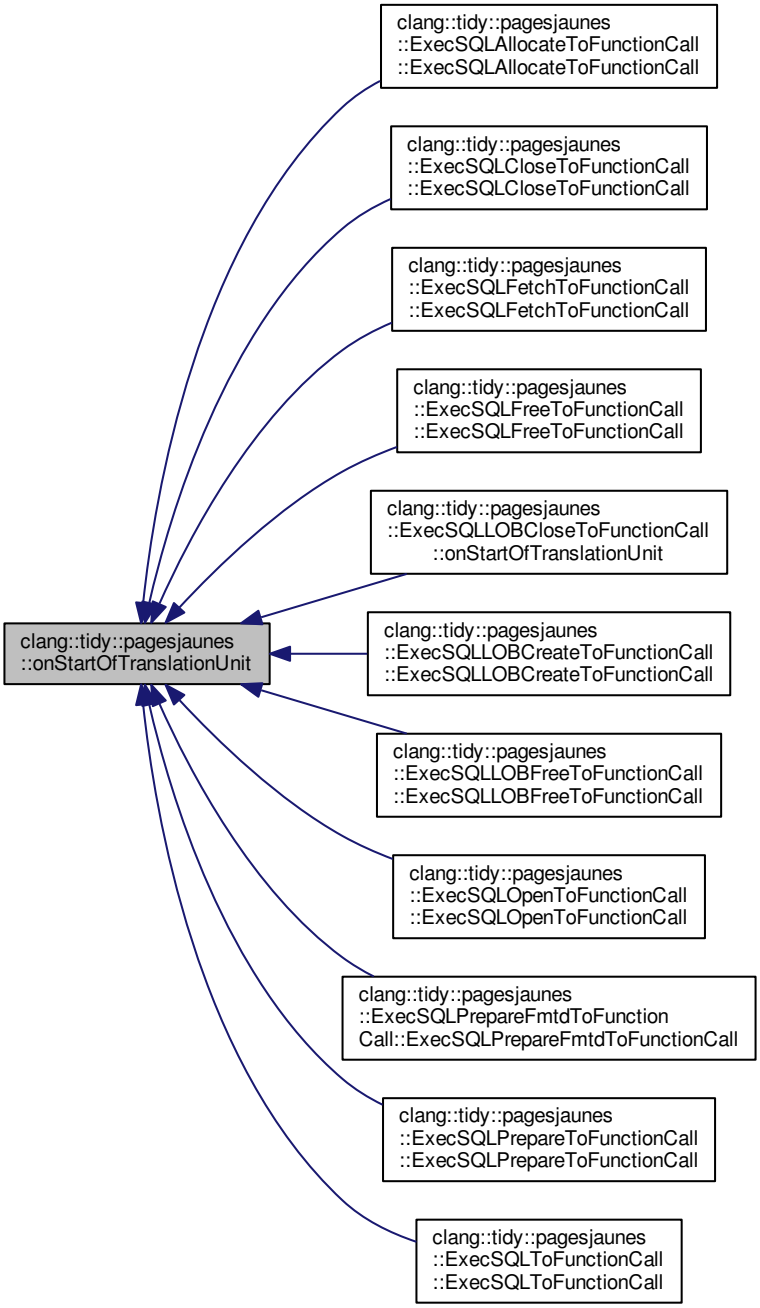
Parameters

in	*replacement_per_comment*	a map containing all key/value pairs for replacing in original .pc file

Override to be called at start of translation unit

Definition at line 850 of file ExecSQLCommon.cpp.

Here is the caller graph for this function:



6.3.1.14 readTextFile()

```
const char * clang::tidy::pagesjaunes::readTextFile (
            const char * filename,
            std::size_t & filesize )
```

read a text file and correctly append 0 at end of read string

readTextFile

Parameters

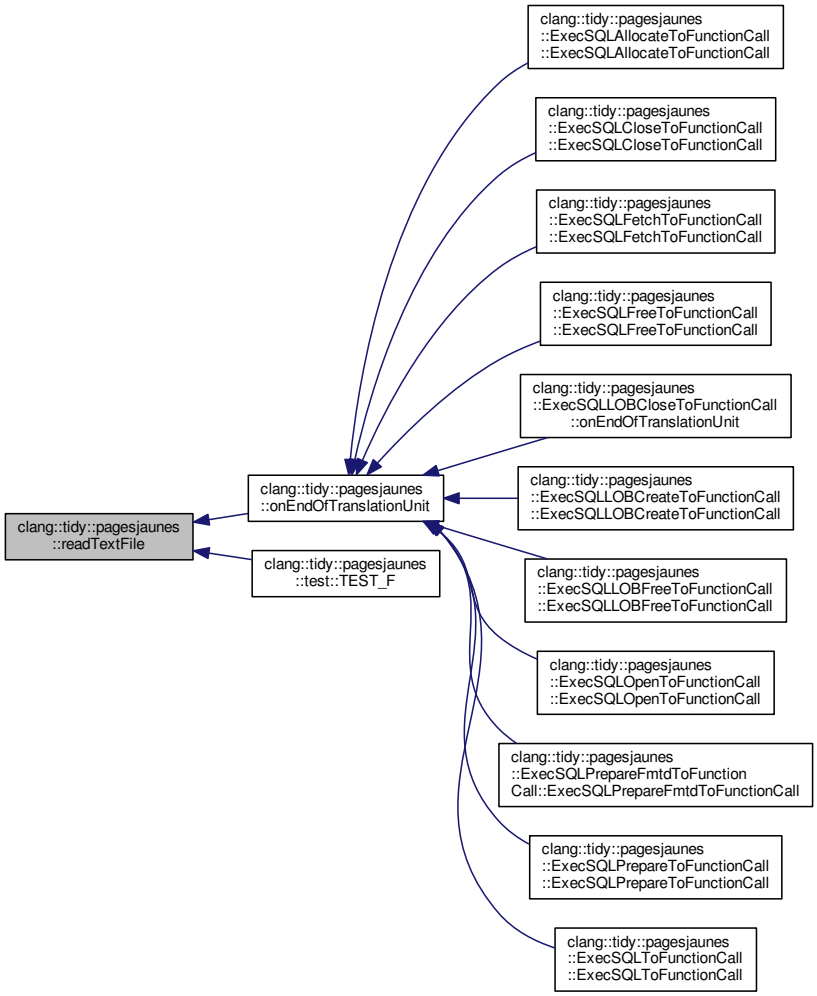
`in`	*filename*	the file pathname of the file to read
`in,out`	*filesize*	the size of the file read

Returns

a new allocated buffer (to deallocate by caller) containing file contents

Definition at line 789 of file ExecSQLCommon.cpp.

Here is the caller graph for this function:



6.4 clang::tidy::pagesjaunes::test Namespace Reference

Classes

- class AllocateRegexTest
- class BackupFile
- class BufferSplitTest
- class CloseRegexTest
- class DeclareRegexTest
- class DecodeHostVarsTest
- class FetchDecodeHostVar
- class FetchFilelineTest
- class FetchRegexTest
- class FetchTmplRepeatMembers2Test
- class FetchTmplRepeatMembersTest
- class FetchTmplRepeatTest
- class FreeRegexTest
- class LobCreateRegexTest
- class LobOpenRegexTest
- class LobReadRegexTest
- class OpenRegexTest
- class OpenRequestTest
- class PrepareFmtdRegexTest

Functions

- TEST_F (AllocateRegexTest, RegexMatchingIndicators)
- TEST_F (AllocateRegexTest, RegexMatchingWeirdSyntax)
- TEST_F (BackupFile, SimpleBackup)
- TEST_F (BackupFile, SimpleBackup0)
- TEST_F (BackupFile, SimpleBackup1)
- TEST_F (BackupFile, ManyBackupLog2)
- TEST_F (BackupFile, ManyBackupLog3)
- TEST_F (BufferSplitTest, NominalBufferSplit)
- TEST_F (BufferSplitTest, NominalBufferSplitStartAt1)
- TEST_F (BufferSplitTest, EmptyBuffer)
- TEST_F (BufferSplitTest, OneEmptyLineBuffer)
- TEST_F (BufferSplitTest, OneEmptyLineBufferStartAt1)
- TEST_F (BufferSplitTest, OneLineWithNoCRBuffer)
- TEST_F (BufferSplitTest, OneLineWithNoCRBufferStartAt1)
- TEST_F (BufferSplitTest, BigBuffers)
- TEST_F (BufferSplitTest, BigBuffersStartAt0)
- TEST_F (BufferSplitTest, BigBuffers2)
- TEST_F (BufferSplitTest, BigBuffers2StartAt0)
- TEST_F (BufferSplitTest, ReadWriteSplittedBuffer)
- TEST_F (CloseRegexTest, RegexMatchingIndicators)
- TEST_F (CloseRegexTest, RegexMatchingWeirdSyntax)
- TEST_F (DeclareRegexTest, RegexMatching)
- TEST_F (DeclareRegexTest, RegexMatchingWeirdSyntax)
- TEST_F (DecodeHostVarsTest, DecodeHostVarsBasic)
- TEST_F (DecodeHostVarsTest, DecodeHostVarsBasic2)
- TEST_F (DecodeHostVarsTest, DecodeHostVarsLimit1)
- TEST_F (DecodeHostVarsTest, DecodeHostVarsLimit0)

- TEST_F (DecodeHostVarsTest, DecodeHostVarsPointers)
- TEST_F (DecodeHostVarsTest, DecodeHostVarsStruct)
- TEST_F (DecodeHostVarsTest, DecodeHostVarsBasicWithIndicators)
- TEST_F (DecodeHostVarsTest, DecodeHostVarsPointerWithIndicators)
- TEST_F (DecodeHostVarsTest, DecodeHostVarsStructWithIndicators)
- TEST_F (DecodeHostVarsTest, DecodeHostVarsMixedWithIndicators)
- TEST_F (DecodeHostVarsTest, DecodeHostVarsInvalid)
- TEST_F (DecodeHostVarsTest, DecodeHostVarsWeird)
- TEST_F (FetchDecodeHostVar, RegexMatchingIndicators)
- TEST_F (FetchFilelineTest, FilelineMatching)
- TEST_F (FetchRegexTest, RegexMatchingIndicators)
- TEST_F (FetchRegexTest, RegexMatchingWeirdSyntax)
- TEST_F (FetchTmplRepeatMembers2Test, TemplRepeatMembers2RegexMatching)
- TEST_F (FetchTmplRepeatMembersTest, TemplRepeatMembersRegexMatching)
- TEST_F (FetchTmplRepeatMembersTest, TemplRepeatMembersRegexMoreBlankMatching)
- TEST_F (FetchTmplRepeatTest, TemplRepeatRegexMatching)
- TEST_F (FreeRegexTest, RegexMatchingIndicators)
- TEST_F (FreeRegexTest, RegexMatchingWeirdSyntax)
- TEST_F (LobCreateRegexTest, RegexMatchingIndicators)
- TEST_F (LobCreateRegexTest, RegexMatchingWeirdSyntax)
- TEST_F (LobOpenRegexTest, RegexMatchingIndicators)
- TEST_F (LobOpenRegexTest, RegexMatchingWeirdSyntax)
- TEST_F (LobReadRegexTest, RegexMatchingIndicators)
- TEST_F (LobReadRegexTest, RegexMatchingWeirdSyntax)
- TEST_F (OpenRegexTest, RegexMatching)
- TEST_F (OpenRegexTest, RegexMatchingWeirdSyntax)
- TEST_F (OpenRequestTest, RequestDecode)
- TEST_F (PrepareFmtdRegexTest, RegexMatching)
- TEST_F (PrepareFmtdRegexTest, RegexMatchingWeirdSyntax)
- TEST_F (PrepareFmtdRegexTest, RegexMatchingBadColonSyntax)

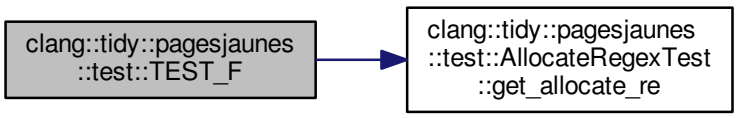
6.4.1 Function Documentation

6.4.1.1 TEST_F() [1/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            AllocateRegexTest ,
            RegexMatchingIndicators  )
```

Definition at line 50 of file allocate_regex_test.cpp.

Here is the call graph for this function:

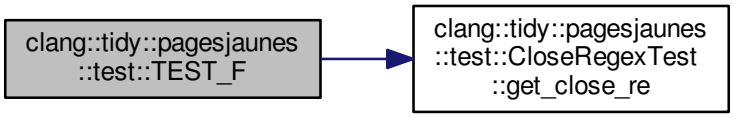


6.4.1.2 TEST_F() [2/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            CloseRegexTest ,
            RegexMatchingIndicators  )
```

Definition at line 50 of file close_regex_test.cpp.

Here is the call graph for this function:

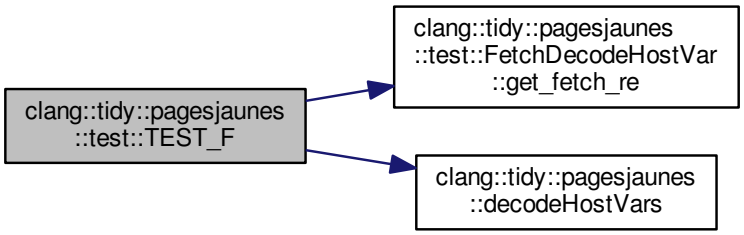


6.4.1.3 TEST_F() [3/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            FetchDecodeHostVar ,
            RegexMatchingIndicators  )
```

Definition at line 50 of file fetch_decode_host_var.cpp.

Here is the call graph for this function:

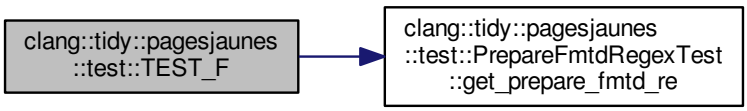


6.4.1.4 TEST_F() [4/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             PrepareFmtdRegexTest ,
             RegexMatching  )
```

Definition at line 50 of file prepare_fmtd_regex_test.cpp.

Here is the call graph for this function:

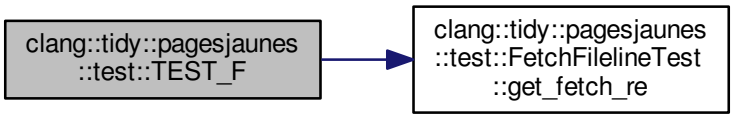


6.4.1.5 TEST_F() [5/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             FetchFilelineTest ,
             FilelineMatching  )
```

Definition at line 50 of file fetch_fileline_test.cpp.

Here is the call graph for this function:

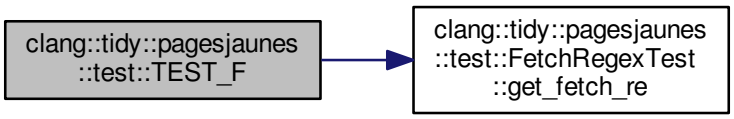


6.4.1.6 TEST_F() [6/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            FetchRegexTest ,
            RegexMatchingIndicators  )
```

Definition at line 50 of file fetch_regex_test.cpp.

Here is the call graph for this function:

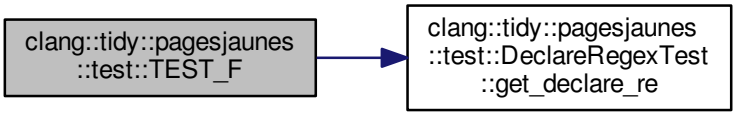


6.4.1.7 TEST_F() [7/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            DeclareRegexTest ,
            RegexMatching  )
```

Definition at line 50 of file declare_regex_test.cpp.

Here is the call graph for this function:

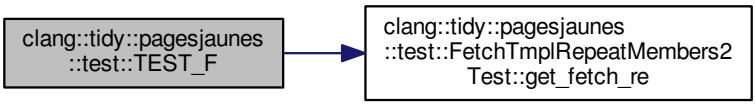


6.4.1.8 TEST_F() [8/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             FetchTmplRepeatMembers2Test ,
             TemplRepeatMembers2RegexMatching  )
```

Definition at line 50 of file fetch_tmpl_repeat_members2_test.cpp.

Here is the call graph for this function:

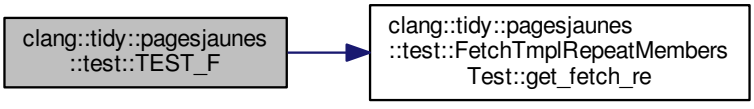


6.4.1.9 TEST_F() [9/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             FetchTmplRepeatMembersTest ,
             TemplRepeatMembersRegexMatching  )
```

Definition at line 50 of file fetch_tmpl_repeat_members_test.cpp.

Here is the call graph for this function:

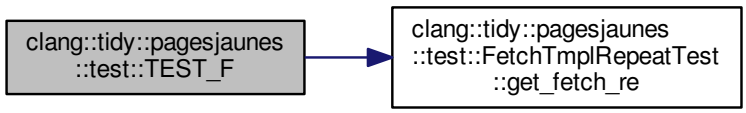


6.4.1.10 TEST_F() [10/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             FetchTmplRepeatTest ,
             TemplRepeatRegexMatching  )
```

Definition at line 50 of file fetch_tmpl_repeat_test.cpp.

Here is the call graph for this function:

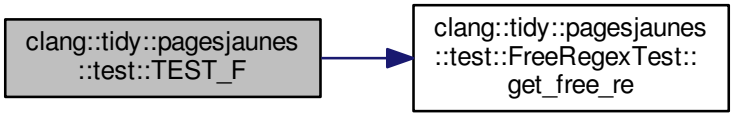


6.4.1.11 TEST_F() [11/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             FreeRegexTest ,
             RegexMatchingIndicators  )
```

Definition at line 50 of file free_regex_test.cpp.

Here is the call graph for this function:

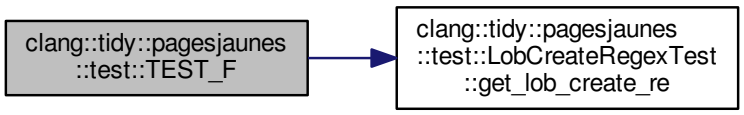


6.4.1.12 TEST_F() [12/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            LobCreateRegexTest ,
            RegexMatchingIndicators  )
```

Definition at line 50 of file lob_create_regex_test.cpp.

Here is the call graph for this function:

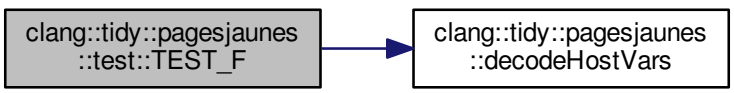


6.4.1.13 TEST_F() [13/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            DecodeHostVarsTest ,
            DecodeHostVarsBasic  )
```

Definition at line 50 of file decode_host_vars.cpp.

Here is the call graph for this function:

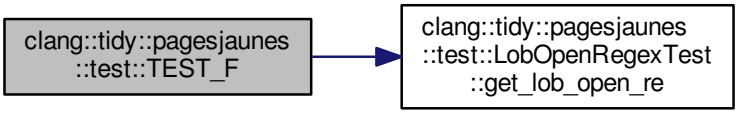


6.4.1.14 TEST_F() [14/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             LobOpenRegexTest ,
             RegexMatchingIndicators  )
```

Definition at line 50 of file lob_open_regex_test.cpp.

Here is the call graph for this function:

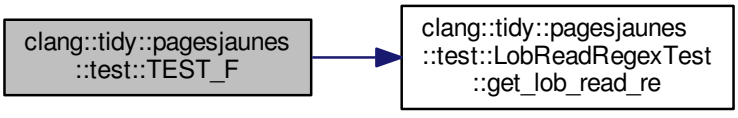


6.4.1.15 TEST_F() [15/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             LobReadRegexTest ,
             RegexMatchingIndicators  )
```

Definition at line 50 of file lob_read_regex_test.cpp.

Here is the call graph for this function:

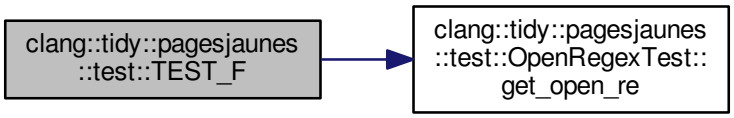


6.4.1.16 TEST_F() [16/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             OpenRegexTest ,
             RegexMatching  )
```

Definition at line 50 of file open_regex_test.cpp.

Here is the call graph for this function:

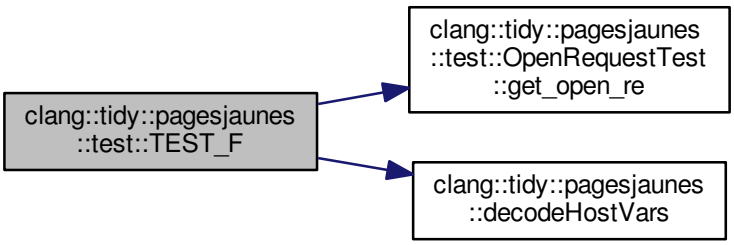


6.4.1.17 TEST_F() [17/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             OpenRequestTest ,
             RequestDecode  )
```

Definition at line 50 of file open_request_test.cpp.

Here is the call graph for this function:

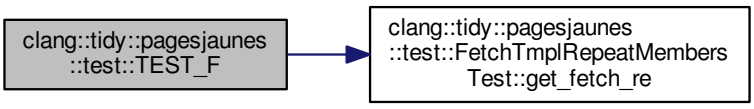


6.4.1.18 TEST_F() [18/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            FetchTmplRepeatMembersTest ,
            TemplRepeatMembersRegexMoreBlankMatching  )
```

Definition at line 78 of file fetch_tmpl_repeat_members_test.cpp.

Here is the call graph for this function:

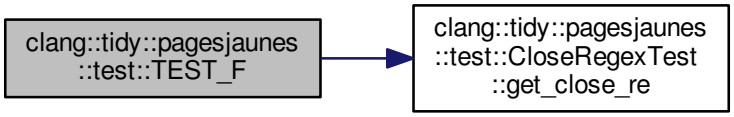


6.4.1.19 TEST_F() [19/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            CloseRegexTest ,
            RegexMatchingWeirdSyntax  )
```

Definition at line 86 of file close_regex_test.cpp.

Here is the call graph for this function:

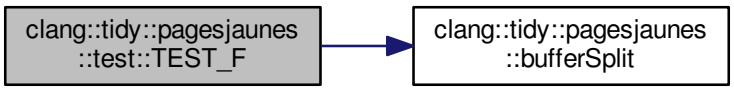


6.4.1.20 TEST_F() [20/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            BufferSplitTest ,
            NominalBufferSplit  )
```

Definition at line 87 of file buffer_split.cpp.

Here is the call graph for this function:

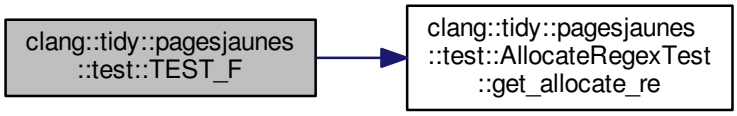


6.4.1.21 TEST_F() [21/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            AllocateRegexTest ,
            RegexMatchingWeirdSyntax  )
```

Definition at line 88 of file allocate_regex_test.cpp.

Here is the call graph for this function:

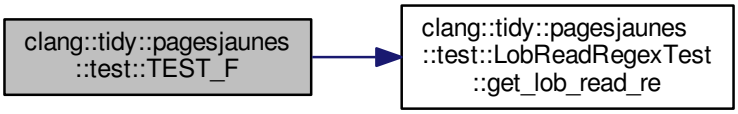


6.4.1.22 TEST_F() [22/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            LobReadRegexTest ,
            RegexMatchingWeirdSyntax  )
```

Definition at line 88 of file lob_read_regex_test.cpp.

Here is the call graph for this function:

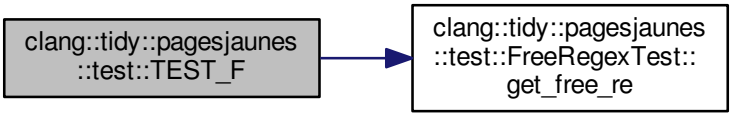


6.4.1.23 TEST_F() [23/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            FreeRegexTest ,
            RegexMatchingWeirdSyntax  )
```

Definition at line 88 of file free_regex_test.cpp.

Here is the call graph for this function:

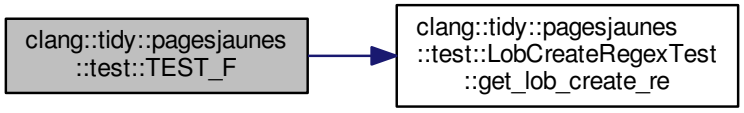


6.4.1.24 TEST_F() [24/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             LobCreateRegexTest ,
             RegexMatchingWeirdSyntax  )
```

Definition at line 88 of file lob_create_regex_test.cpp.

Here is the call graph for this function:

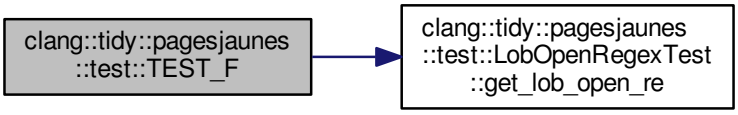


6.4.1.25 TEST_F() [25/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             LobOpenRegexTest ,
             RegexMatchingWeirdSyntax  )
```

Definition at line 88 of file lob_open_regex_test.cpp.

Here is the call graph for this function:

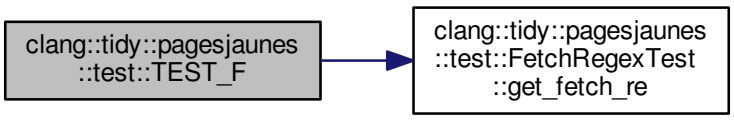


6.4.1.26 TEST_F() [26/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            FetchRegexTest ,
            RegexMatchingWeirdSyntax  )
```

Definition at line 96 of file fetch_regex_test.cpp.

Here is the call graph for this function:

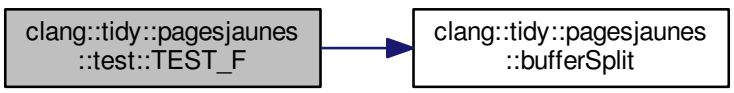


6.4.1.27 TEST_F() [27/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            BufferSplitTest ,
            NominalBufferSplitStartAt1  )
```

Definition at line 99 of file buffer_split.cpp.

Here is the call graph for this function:

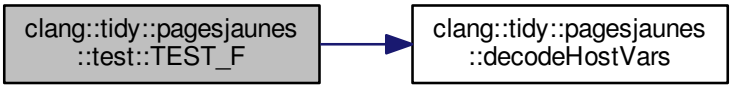


6.4.1.28 TEST_F() [28/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             DecodeHostVarsTest ,
             DecodeHostVarsBasic2  )
```

Definition at line 105 of file decode_host_vars.cpp.

Here is the call graph for this function:

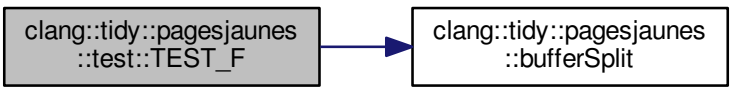


6.4.1.29 TEST_F() [29/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             BufferSplitTest ,
             EmptyBuffer  )
```

Definition at line 112 of file buffer_split.cpp.

Here is the call graph for this function:

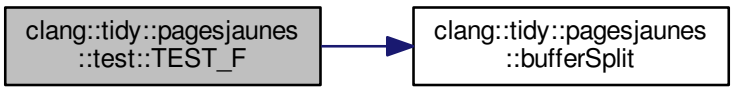


6.4.1.30 TEST_F() [30/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             BufferSplitTest ,
             OneEmptyLineBuffer  )
```

Definition at line 119 of file buffer_split.cpp.

Here is the call graph for this function:

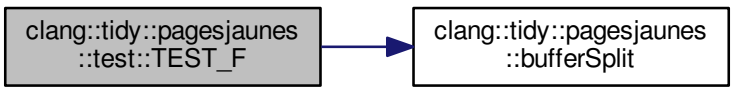


6.4.1.31 TEST_F() [31/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             BufferSplitTest ,
             OneEmptyLineBufferStartAt1  )
```

Definition at line 130 of file buffer_split.cpp.

Here is the call graph for this function:

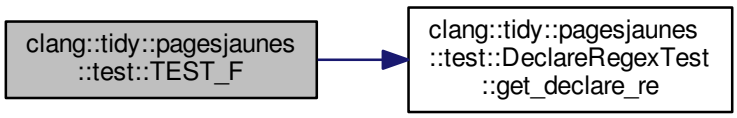


6.4.1.32 TEST_F() [32/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            DeclareRegexTest ,
            RegexMatchingWeirdSyntax  )
```

Definition at line 141 of file declare_regex_test.cpp.

Here is the call graph for this function:

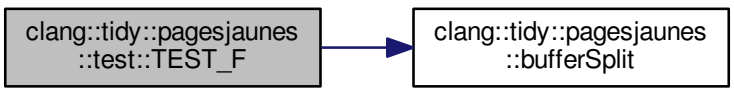


6.4.1.33 TEST_F() [33/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            BufferSplitTest ,
            OneLineWithNoCRBuffer  )
```

Definition at line 142 of file buffer_split.cpp.

Here is the call graph for this function:

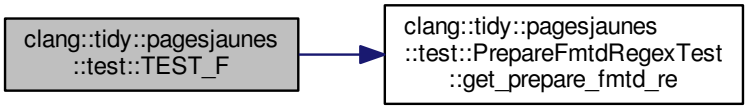


6.4.1.34 TEST_F() [34/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            PrepareFmtdRegexTest ,
            RegexMatchingWeirdSyntax  )
```

Definition at line 143 of file prepare_fmtd_regex_test.cpp.

Here is the call graph for this function:

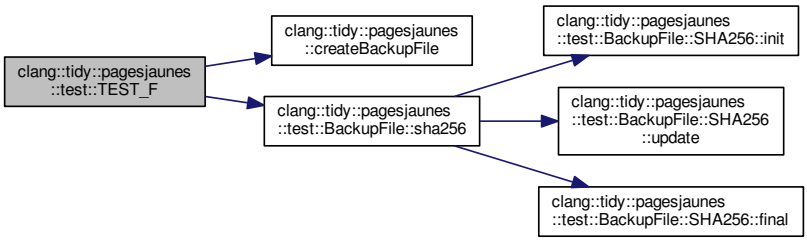


6.4.1.35 TEST_F() [35/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            BackupFile ,
            SimpleBackup  )
```

Definition at line 147 of file backup_file.cpp.

Here is the call graph for this function:

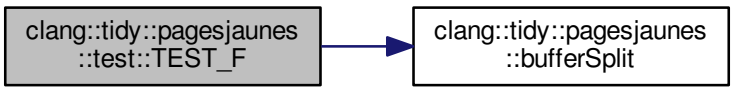


6.4.1.36 TEST_F() [36/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             BufferSplitTest ,
             OneLineWithNoCRBufferStartAt1  )
```

Definition at line 153 of file buffer_split.cpp.

Here is the call graph for this function:

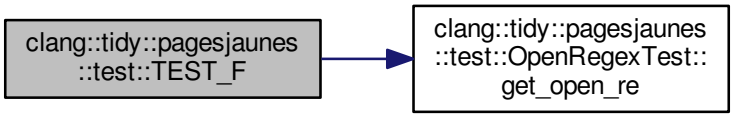


6.4.1.37 TEST_F() [37/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             OpenRegexTest ,
             RegexMatchingWeirdSyntax  )
```

Definition at line 154 of file open_regex_test.cpp.

Here is the call graph for this function:

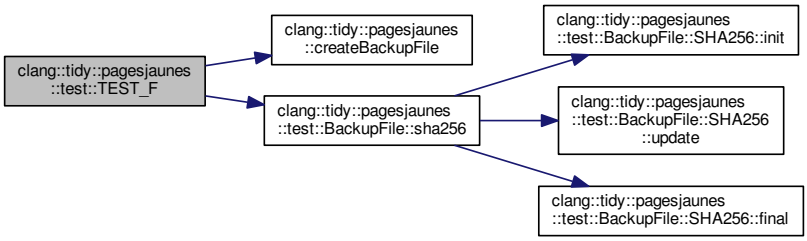


6.4.1.38 TEST_F() [38/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            BackupFile ,
            SimpleBackup0  )
```

Definition at line 159 of file backup_file.cpp.

Here is the call graph for this function:



6.4.1.39 TEST_F() [39/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            BufferSplitTest ,
            BigBuffers  )
```

Definition at line 165 of file buffer_split.cpp.

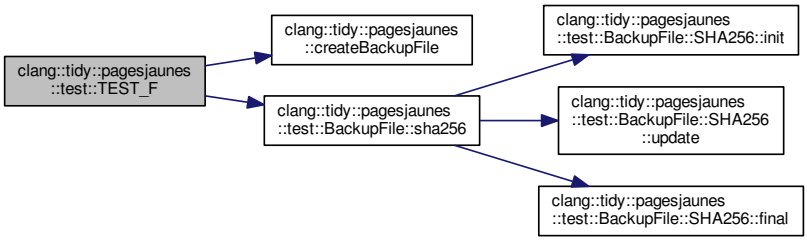
Here is the call graph for this function:

6.4.1.40 TEST_F() [40/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            BackupFile ,
            SimpleBackup1  )
```

Definition at line 171 of file backup_file.cpp.

Here is the call graph for this function:



6.4.1.41 TEST_F() [41/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            BufferSplitTest ,
            BigBuffersStartAt0  )
```

Definition at line 180 of file buffer_split.cpp.

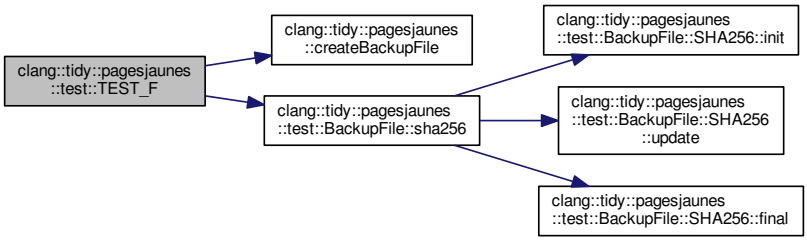
Here is the call graph for this function:

6.4.1.42 TEST_F() [42/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            BackupFile ,
            ManyBackupLog2  )
```

Definition at line 183 of file backup_file.cpp.

Here is the call graph for this function:



6.4.1.43 TEST_F() [43/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            DecodeHostVarsTest ,
            DecodeHostVarsLimit1  )
```

Definition at line 183 of file decode_host_vars.cpp.

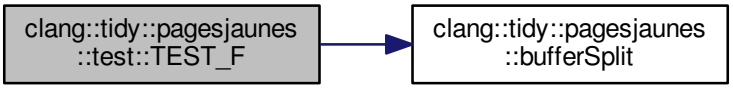
Here is the call graph for this function:

6.4.1.44 TEST_F() [44/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            BufferSplitTest ,
            BigBuffers2  )
```

Definition at line 194 of file buffer_split.cpp.

Here is the call graph for this function:

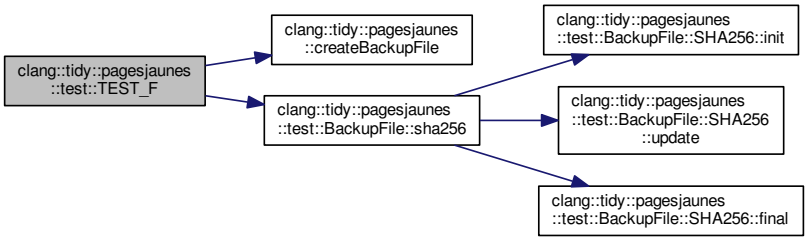


6.4.1.45 TEST_F() [45/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            BackupFile ,
            ManyBackupLog3  )
```

Definition at line 206 of file backup_file.cpp.

Here is the call graph for this function:

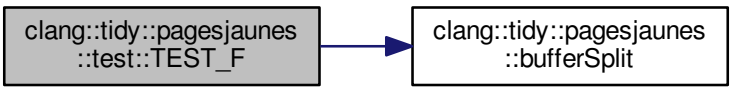


6.4.1.46 TEST_F() [46/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             BufferSplitTest ,
             BigBuffers2StartAt0  )
```

Definition at line 209 of file buffer_split.cpp.

Here is the call graph for this function:

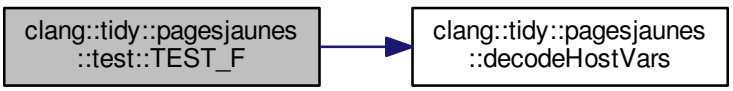


6.4.1.47 TEST_F() [47/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             DecodeHostVarsTest ,
             DecodeHostVarsLimit0  )
```

Definition at line 215 of file decode_host_vars.cpp.

Here is the call graph for this function:

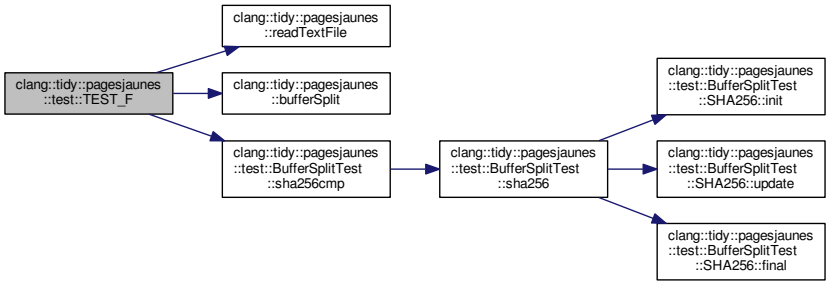


6.4.1.48 TEST_F() [48/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            BufferSplitTest ,
            ReadWriteSplittedBuffer  )
```

Definition at line 223 of file buffer_split.cpp.

Here is the call graph for this function:

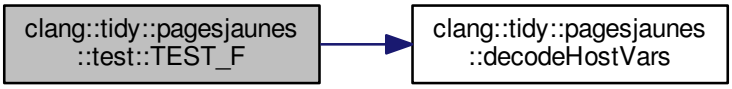


6.4.1.49 TEST_F() [49/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
            DecodeHostVarsTest ,
            DecodeHostVarsPointers  )
```

Definition at line 224 of file decode_host_vars.cpp.

Here is the call graph for this function:

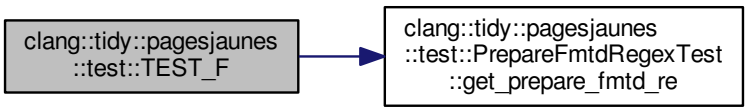


6.4.1.50 TEST_F() [50/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             PrepareFmtdRegexTest ,
             RegexMatchingBadColonSyntax  )
```

Definition at line 232 of file prepare_fmtd_regex_test.cpp.

Here is the call graph for this function:

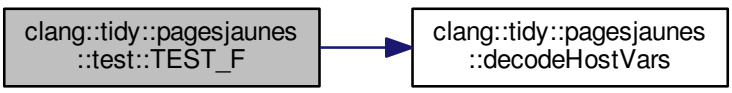


6.4.1.51 TEST_F() [51/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             DecodeHostVarsTest ,
             DecodeHostVarsStruct  )
```

Definition at line 279 of file decode_host_vars.cpp.

Here is the call graph for this function:

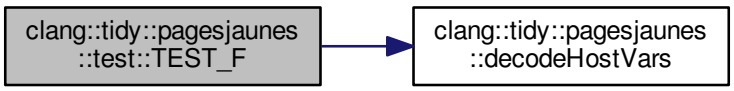


6.4.1.52 TEST_F() [52/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             DecodeHostVarsTest ,
             DecodeHostVarsBasicWithIndicators  )
```

Definition at line 334 of file decode_host_vars.cpp.

Here is the call graph for this function:

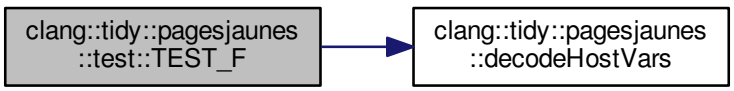


6.4.1.53 TEST_F() [53/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             DecodeHostVarsTest ,
             DecodeHostVarsPointerWithIndicators  )
```

Definition at line 389 of file decode_host_vars.cpp.

Here is the call graph for this function:

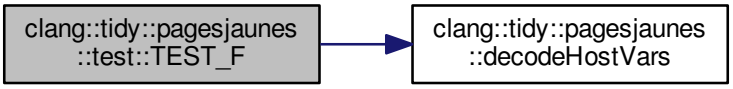


6.4.1.54 TEST_F() [54/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             DecodeHostVarsTest ,
             DecodeHostVarsStructWithIndicators  )
```

Definition at line 444 of file decode_host_vars.cpp.

Here is the call graph for this function:

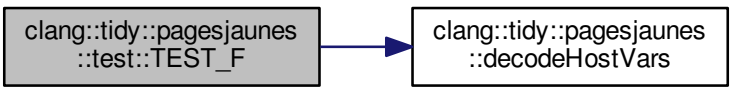


6.4.1.55 TEST_F() [55/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             DecodeHostVarsTest ,
             DecodeHostVarsMixedWithIndicators  )
```

Definition at line 499 of file decode_host_vars.cpp.

Here is the call graph for this function:



6.4.1.56 TEST_F() [56/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             DecodeHostVarsTest ,
             DecodeHostVarsInvalid  )
```

Definition at line 653 of file decode_host_vars.cpp.

Here is the call graph for this function:

6.4.1.57 TEST_F() [57/57]

```
clang::tidy::pagesjaunes::test::TEST_F (
             DecodeHostVarsTest ,
             DecodeHostVarsWeird  )
```

Definition at line 676 of file decode_host_vars.cpp.

Here is the call graph for this function:

6.5 jayacode Namespace Reference

Classes

- class FileManipulator

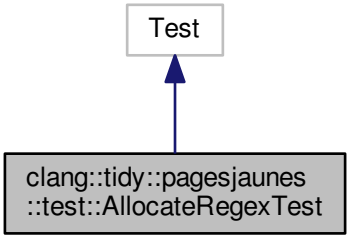
Chapter 7

Class Documentation

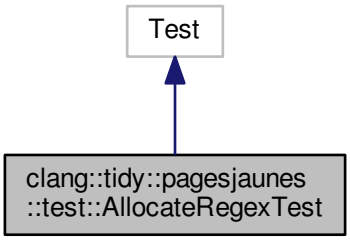
7.1 clang::tidy::pagesjaunes::test::AllocateRegexTest Class Reference

`#include <allocate_regex_test.h>`

Inheritance diagram for clang::tidy::pagesjaunes::test::AllocateRegexTest:



Collaboration diagram for clang::tidy::pagesjaunes::test::AllocateRegexTest:



Public Member Functions

- AllocateRegexTest ()
- virtual ~AllocateRegexTest ()
- virtual void SetUp (void)
- virtual void TearDown (void)
- void PrintTo (const AllocateRegexTest &, ::std::ostream *)
- llvm::Regex & get_allocate_re ()

7.1.1 Detailed Description

Definition at line 30 of file allocate_regex_test.h.

7.1.2 Constructor & Destructor Documentation

7.1.2.1 AllocateRegexTest()

```
clang::tidy::pagesjaunes::test::AllocateRegexTest::AllocateRegexTest ( )
```

Definition at line 26 of file allocate_regex_test.cpp.

7.1.2.2 ~AllocateRegexTest()

```
clang::tidy::pagesjaunes::test::AllocateRegexTest::~AllocateRegexTest ( )  [virtual]
```

Definition at line 31 of file allocate_regex_test.cpp.

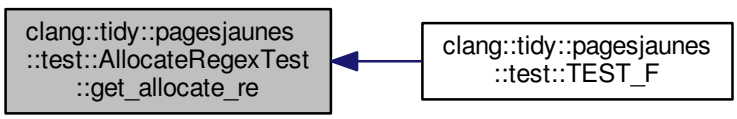
7.1.3 Member Function Documentation

7.1.3.1 get_allocate_re()

```
llvm::Regex& clang::tidy::pagesjaunes::test::AllocateRegexTest::get_allocate_re ( )  [inline]
```

Definition at line 43 of file allocate_regex_test.h.

Here is the caller graph for this function:



7.1.3.2 PrintTo()

```
void clang::tidy::pagesjaunes::test::AllocateRegexTest::PrintTo (
            const AllocateRegexTest & allocate_regex_test,
            ::std::ostream * os )
```

Definition at line 46 of file allocate_regex_test.cpp.

7.1.3.3 SetUp()

```
void clang::tidy::pagesjaunes::test::AllocateRegexTest::SetUp (
            void  )  [virtual]
```

Definition at line 36 of file allocate_regex_test.cpp.

7.1.3.4 TearDown()

```
void clang::tidy::pagesjaunes::test::AllocateRegexTest::TearDown (
            void  )  [virtual]
```

Definition at line 41 of file allocate_regex_test.cpp.

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

- test/allocate_regex_test.h
- test/allocate_regex_test.cpp

7.2 clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::AssignmentRecord Struct Reference

```
#include <ExecSQLAllocateToFunctionCall.h>
```

Public Attributes

- const BinaryOperator * binop
- const DeclRefExpr * lhs
- const DeclRefExpr * rhs
- unsigned binop_linenum

7.2.1 Detailed Description

Definition at line 165 of file ExecSQLAllocateToFunctionCall.h.

7.2.2 Member Data Documentation

7.2.2.1 binop

```
const BinaryOperator* clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::Assignment↩
Record::binop
```

Definition at line 167 of file ExecSQLAllocateToFunctionCall.h.

7.2.2.2 binop_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::AssignmentRecord::binop_↩
linenum
```

Definition at line 170 of file ExecSQLAllocateToFunctionCall.h.

7.2.2.3 lhs

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::AssignmentRecord↩
::lhs
```

Definition at line 168 of file ExecSQLAllocateToFunctionCall.h.

7.2.2.4 rhs

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::AssignmentRecord↩
::rhs
```

Definition at line 169 of file ExecSQLAllocateToFunctionCall.h.

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

- ExecSQLAllocateToFunctionCall.h

7.3 clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::AssignmentRecord Struct Reference

```
#include <ExecSQLFreeToFunctionCall.h>
```

Public Attributes

- const BinaryOperator * binop
- const DeclRefExpr * lhs
- const DeclRefExpr * rhs
- unsigned binop_linenum

7.3.1 Detailed Description

Definition at line 165 of file ExecSQLFreeToFunctionCall.h.

7.3.2 Member Data Documentation

7.3.2.1 binop

```
const BinaryOperator* clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::AssignmentRecord↩
::binop
```

Definition at line 167 of file ExecSQLFreeToFunctionCall.h.

7.3.2.2 binop_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::AssignmentRecord::binop_linenum
```

Definition at line 170 of file ExecSQLFreeToFunctionCall.h.

7.3.2.3 lhs

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::AssignmentRecord::lhs
```

Definition at line 168 of file ExecSQLFreeToFunctionCall.h.

7.3.2.4 rhs

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::AssignmentRecord::rhs
```

Definition at line 169 of file ExecSQLFreeToFunctionCall.h.

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

- ExecSQLFreeToFunctionCall.h

7.4 clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::AssignmentRecord Struct Reference

`#include <ExecSQLLOBFreeToFunctionCall.h>`

Public Attributes

- const BinaryOperator * binop
- const DeclRefExpr * lhs
- const DeclRefExpr * rhs
- unsigned binop_linenum

7.4.1 Detailed Description

Definition at line 165 of file ExecSQLLOBFreeToFunctionCall.h.

7.4.2 Member Data Documentation

7.4.2.1 binop

```
const BinaryOperator* clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::Assignment↩
Record::binop
```

Definition at line 167 of file ExecSQLLOBFreeToFunctionCall.h.

7.4.2.2 binop_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::AssignmentRecord::binop_↩
linenum
```

Definition at line 170 of file ExecSQLLOBFreeToFunctionCall.h.

7.4.2.3 lhs

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::AssignmentRecord↩
::lhs
```

Definition at line 168 of file ExecSQLLOBFreeToFunctionCall.h.

7.4.2.4 rhs

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::AssignmentRecord↩
::rhs
```

Definition at line 169 of file ExecSQLLOBFreeToFunctionCall.h.

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

- ExecSQLLOBFreeToFunctionCall.h

7.5 clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::AssignmentRecord Struct Reference

```
#include <ExecSQLLOBOpenToFunctionCall.h>
```

Public Attributes

- const BinaryOperator * binop
- const DeclRefExpr * lhs
- const DeclRefExpr * rhs
- unsigned binop_linenum

7.5.1 Detailed Description

Definition at line 165 of file ExecSQLLOBOpenToFunctionCall.h.

7.5.2 Member Data Documentation

7.5.2.1 binop

```
const BinaryOperator* clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::Assignment↩
Record::binop
```

Definition at line 167 of file ExecSQLLOBOpenToFunctionCall.h.

7.5.2.2 binop_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::AssignmentRecord::binop_↩
linenum
```

Definition at line 170 of file ExecSQLLOBOpenToFunctionCall.h.

7.5.2.3 lhs

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::AssignmentRecord↩
::lhs
```

Definition at line 168 of file ExecSQLLOBOpenToFunctionCall.h.

7.5.2.4 rhs

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::AssignmentRecord↩
::rhs
```

Definition at line 169 of file ExecSQLLOBOpenToFunctionCall.h.

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

- ExecSQLLOBOpenToFunctionCall.h

7.6 clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::AssignmentRecord Struct Reference

```
#include <ExecSQLLOBReadToFunctionCall.h>
```

Public Attributes

- const BinaryOperator * binop
- const MemberExpr * lhs
- const DeclRefExpr * cxxrecord
- unsigned binop_linenum

7.6.1 Detailed Description

Definition at line 170 of file ExecSQLLOBReadToFunctionCall.h.

7.6.2 Member Data Documentation

7.6.2.1 binop

```
const BinaryOperator* clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::Assignment↩
Record::binop
```

Definition at line 172 of file ExecSQLLOBReadToFunctionCall.h.

7.6.2.2 binop_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::AssignmentRecord::binop_↩
linenum
```

Definition at line 175 of file ExecSQLLOBReadToFunctionCall.h.

7.6.2.3 cxxrecord

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::AssignmentRecord↩
::cxxrecord
```

Definition at line 174 of file ExecSQLLOBReadToFunctionCall.h.

7.6.2.4 lhs

```
const MemberExpr* clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::AssignmentRecord↩
::lhs
```

Definition at line 173 of file ExecSQLLOBReadToFunctionCall.h.

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

- ExecSQLLOBReadToFunctionCall.h

7.7 clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::AssignmentRecord Struct Reference

```
#include <ExecSQLForToFunctionCall.h>
```

Public Attributes

- const BinaryOperator * binop
- const DeclRefExpr * lhs
- const DeclRefExpr * rhs
- unsigned binop_linenum

7.7.1 Detailed Description

Definition at line 165 of file ExecSQLForToFunctionCall.h.

7.7.2 Member Data Documentation

7.7.2.1 binop

```
const BinaryOperator* clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::AssignmentRecord↩
::binop
```

Definition at line 167 of file ExecSQLForToFunctionCall.h.

7.7.2.2 binop_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::AssignmentRecord::binop_linenum
```

Definition at line 170 of file ExecSQLForToFunctionCall.h.

7.7.2.3 lhs

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::AssignmentRecord::lhs
```

Definition at line 168 of file ExecSQLForToFunctionCall.h.

7.7.2.4 rhs

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::AssignmentRecord::rhs
```

Definition at line 169 of file ExecSQLForToFunctionCall.h.

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

- ExecSQLForToFunctionCall.h

7.8 clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::AssignmentRecord Struct Reference

```
#include <ExecSQLLOBCloseToFunctionCall.h>
```

Public Attributes

- const BinaryOperator * binop
- const DeclRefExpr * lhs
- const DeclRefExpr * rhs
- unsigned binop_linenum

7.8.1 Detailed Description

Definition at line 183 of file ExecSQLLOBCloseToFunctionCall.h.

7.8.2 Member Data Documentation

7.8.2.1 binop

```
const BinaryOperator* clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::Assignment↩
Record::binop
```

Definition at line 185 of file ExecSQLLOBCloseToFunctionCall.h.

7.8.2.2 binop_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::AssignmentRecord::binop_↩
linenum
```

Definition at line 188 of file ExecSQLLOBCloseToFunctionCall.h.

7.8.2.3 lhs

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::AssignmentRecord↩
::lhs
```

Definition at line 186 of file ExecSQLLOBCloseToFunctionCall.h.

7.8.2.4 rhs

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::AssignmentRecord↩
::rhs
```

Definition at line 187 of file ExecSQLLOBCloseToFunctionCall.h.

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

- ExecSQLLOBCloseToFunctionCall.h

7.9 clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::AssignmentRecord Struct Reference

`#include <ExecSQLPrepareFmtdToFunctionCall.h>`

Public Attributes

- const BinaryOperator * binop
- const DeclRefExpr * lhs
- const DeclRefExpr * rhs
- unsigned binop_linenum

7.9.1 Detailed Description

Definition at line 180 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.9.2 Member Data Documentation

7.9.2.1 binop

```
const BinaryOperator* clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::Assignment↩
Record::binop
```

Definition at line 182 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.9.2.2 binop_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::AssignmentRecord::binop↩
_linenum
```

Definition at line 185 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.9.2.3 lhs

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::Assignment↩
Record::lhs
```

Definition at line 183 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.9.2.4 rhs

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::Assignment↩
Record::rhs
```

Definition at line 184 of file ExecSQLPrepareFmtdToFunctionCall.h.

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

- ExecSQLPrepareFmtdToFunctionCall.h

7.10 clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::AssignmentRecord Struct Reference

```
#include <ExecSQLLOBCreateToFunctionCall.h>
```

Public Attributes

- const BinaryOperator * binop
- const DeclRefExpr * lhs
- const DeclRefExpr * rhs
- unsigned binop_linenum

7.10.1 Detailed Description

Definition at line 165 of file ExecSQLLOBCreateToFunctionCall.h.

7.10.2 Member Data Documentation

7.10.2.1 binop

```
const BinaryOperator* clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::Assignment↩
Record::binop
```

Definition at line 167 of file ExecSQLLOBCreateToFunctionCall.h.

7.10.2.2 binop_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::AssignmentRecord::binop_↩
linenum
```

Definition at line 170 of file ExecSQLLOBCreateToFunctionCall.h.

7.10.2.3 lhs

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::AssignmentRecord↩
::lhs
```

Definition at line 168 of file ExecSQLLOBCreateToFunctionCall.h.

7.10.2.4 rhs

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::AssignmentRecord↩
::rhs
```

Definition at line 169 of file ExecSQLLOBCreateToFunctionCall.h.

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

- ExecSQLLOBCreateToFunctionCall.h

7.11 clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::AssignmentRecord Struct Reference

```
#include <ExecSQLPrepareToFunctionCall.h>
```

Public Attributes

- const BinaryOperator * binop
- const DeclRefExpr * lhs
- const VarDecl * lhsVar
- unsigned lhsVar_linenum
- const DeclRefExpr * rhs
- const VarDecl * rhsVar
- unsigned rhsVar_linenum
- unsigned binop_linenum

7.11.1 Detailed Description

Definition at line 237 of file ExecSQLPrepareToFunctionCall.h.

7.11.2 Member Data Documentation

7.11.2.1 binop

```
const BinaryOperator* clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::Assignment↩
Record::binop
```

Definition at line 239 of file ExecSQLPrepareToFunctionCall.h.

7.11.2.2 binop_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::AssignmentRecord::binop_↩
linenum
```

Definition at line 246 of file ExecSQLPrepareToFunctionCall.h.

7.11.2.3 lhs

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::AssignmentRecord↩
::lhs
```

Definition at line 240 of file ExecSQLPrepareToFunctionCall.h.

7.11.2.4 lhsVar

```
const VarDecl* clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::AssignmentRecord::lhs↩
Var
```

Definition at line 241 of file ExecSQLPrepareToFunctionCall.h.

7.11.2.5 lhsVar_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::AssignmentRecord::lhsVar_↩
linenum
```

Definition at line 242 of file ExecSQLPrepareToFunctionCall.h.

7.11.2.6 rhs

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::AssignmentRecord↩
::rhs
```

Definition at line 243 of file ExecSQLPrepareToFunctionCall.h.

7.11.2.7 rhsVar

```
const VarDecl* clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::AssignmentRecord::rhs↩
Var
```

Definition at line 244 of file ExecSQLPrepareToFunctionCall.h.

7.11.2.8 rhsVar_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::AssignmentRecord::rhsVar_↩
linenum
```

Definition at line 245 of file ExecSQLPrepareToFunctionCall.h.

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

- ExecSQLPrepareToFunctionCall.h

7.12 clang::tidy::pagesjaunes::ExecSQLToFunctionCall::AssignmentRecord Struct Reference

```
#include <ExecSQLToFunctionCall.h>
```

Public Attributes

- const BinaryOperator * binop
- const DeclRefExpr * lhs
- const DeclRefExpr * rhs
- unsigned binop_linenum

7.12.1 Detailed Description

Definition at line 165 of file ExecSQLToFunctionCall.h.

7.12.2 Member Data Documentation

7.12.2.1 binop

```
const BinaryOperator* clang::tidy::pagesjaunes::ExecSQLToFunctionCall::AssignmentRecord::binop
```

Definition at line 167 of file ExecSQLToFunctionCall.h.

7.12.2.2 binop_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLToFunctionCall::AssignmentRecord::binop_linenum
```

Definition at line 170 of file ExecSQLToFunctionCall.h.

7.12.2.3 lhs

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLToFunctionCall::AssignmentRecord::lhs
```

Definition at line 168 of file ExecSQLToFunctionCall.h.

7.12.2.4 rhs

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLToFunctionCall::AssignmentRecord::rhs
```

Definition at line 169 of file ExecSQLToFunctionCall.h.

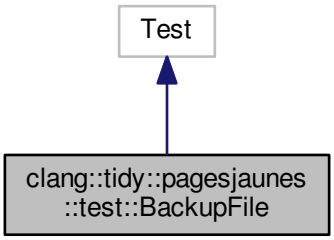
The documentation for this struct was generated from the following file:

- ExecSQLToFunctionCall.h

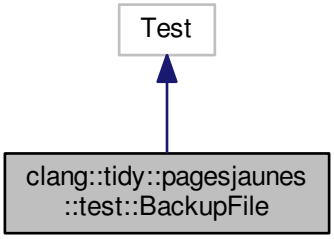
7.13 clang::tidy::pagesjaunes::test::BackupFile Class Reference

```
#include <backup_file.h>
```

Inheritance diagram for clang::tidy::pagesjaunes::test::BackupFile:



Collaboration diagram for clang::tidy::pagesjaunes::test::BackupFile:



Classes

- class SHA256

Public Member Functions

- BackupFile ()
- virtual ~BackupFile ()
- virtual void SetUp (void)
- virtual void SetUpSimpleBackup (void)
- virtual void SetUpSimpleBackup0 (void)
- virtual void SetUpSimpleBackup1 (void)
- virtual void SetUpManyBackup (void)
- virtual void TearDown (void)
- void PrintTo (const BackupFile &, ::std::ostream *)
- std::string sha256 (const std::string &)
- std::string sha256 (std::ifstream &)
- int sha256cmp (const std::string &, const std::string &)
- int sha256cmp (std::ifstream &, std::ifstream &)

Public Attributes

- std::string m_sha256_value
- std::streamsize m_length
- unsigned char * m_buffer

7.13.1 Detailed Description

Definition at line 62 of file backup_file.h.

7.13.2 Constructor & Destructor Documentation

7.13.2.1 BackupFile()

```
clang::tidy::pagesjaunes::test::BackupFile::BackupFile ( )
```

Definition at line 51 of file backup_file.cpp.

Here is the call graph for this function:

7.13.2.2 ~BackupFile()

```
clang::tidy::pagesjaunes::test::BackupFile::~BackupFile ( )  [virtual]
```

Definition at line 67 of file backup_file.cpp.

7.13.3 Member Function Documentation

7.13.3.1 PrintTo()

```
void clang::tidy::pagesjaunes::test::BackupFile::PrintTo (
            const BackupFile & backup_file,
            ::std::ostream * os )
```

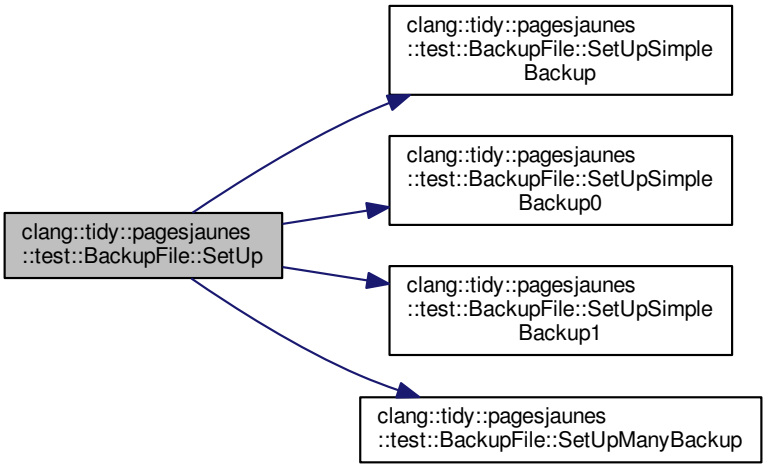
Definition at line 142 of file backup_file.cpp.

7.13.3.2 SetUp()

```
void clang::tidy::pagesjaunes::test::BackupFile::SetUp (
            void  )  [virtual]
```

Definition at line 73 of file backup_file.cpp.

Here is the call graph for this function:



7.13.3.3 SetUpManyBackup()

```
void clang::tidy::pagesjaunes::test::BackupFile::SetUpManyBackup (
            void  )  [virtual]
```

Definition at line 118 of file backup_file.cpp.

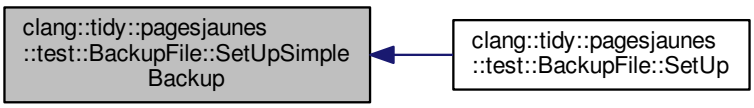
Here is the caller graph for this function:

7.13.3.4 SetUpSimpleBackup()

```
void clang::tidy::pagesjaunes::test::BackupFile::SetUpSimpleBackup (
            void  )  [virtual]
```

Definition at line 82 of file backup_file.cpp.

Here is the caller graph for this function:

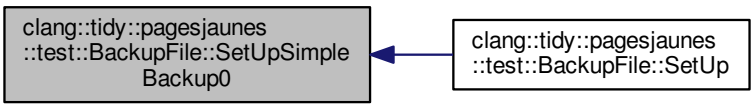


7.13.3.5 SetUpSimpleBackup0()

```
void clang::tidy::pagesjaunes::test::BackupFile::SetUpSimpleBackup0 (
            void  )  [virtual]
```

Definition at line 91 of file backup_file.cpp.

Here is the caller graph for this function:

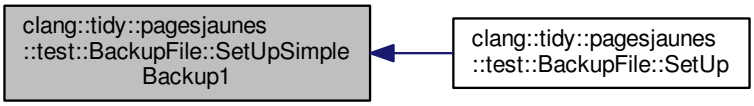


7.13.3.6 SetUpSimpleBackup1()

```
void clang::tidy::pagesjaunes::test::BackupFile::SetUpSimpleBackup1 (
            void  )  [virtual]
```

Definition at line 103 of file backup_file.cpp.

Here is the caller graph for this function:

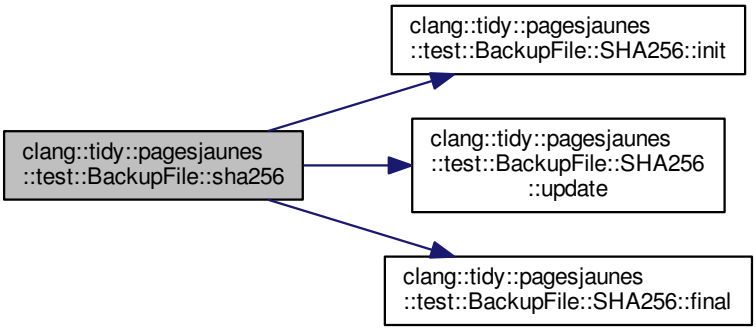


7.13.3.7 sha256() [1/2]

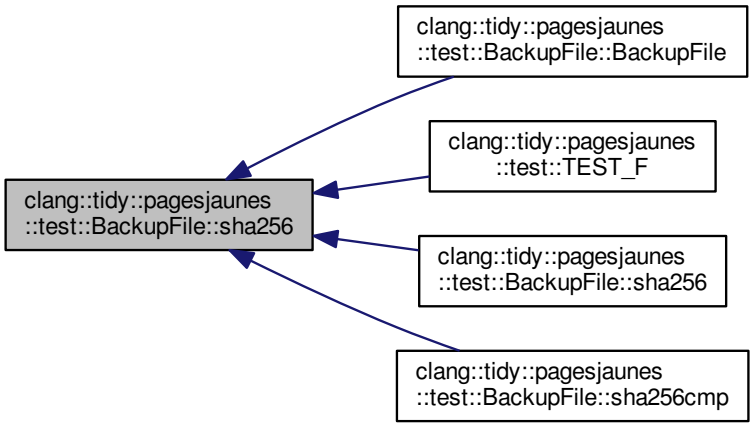
```
std::string clang::tidy::pagesjaunes::test::BackupFile::sha256 (
            const std::string & input )
```

Definition at line 328 of file backup_file.cpp.

Here is the call graph for this function:



Here is the caller graph for this function:

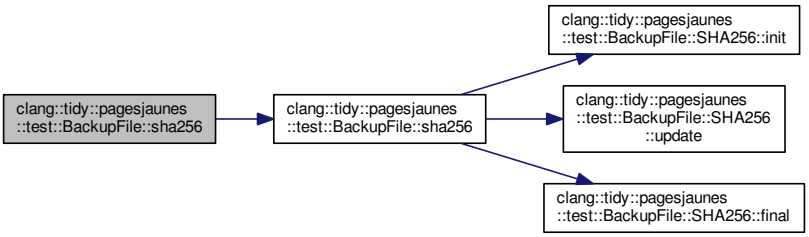


7.13.3.8 sha256() [2/2]

```
std::string clang::tidy::pagesjaunes::test::BackupFile::sha256 (
            std::ifstream & is )
```

Definition at line 346 of file backup_file.cpp.

Here is the call graph for this function:



7.13.3.9 sha256cmp() [1/2]

```
int clang::tidy::pagesjaunes::test::BackupFile::sha256cmp (
            const std::string & s1,
            const std::string & s2 )
```

Definition at line 360 of file backup_file.cpp.

Here is the call graph for this function:

7.13.3.10 sha256cmp() [2/2]

```
int clang::tidy::pagesjaunes::test::BackupFile::sha256cmp (
            std::ifstream & is1,
            std::ifstream & is2 )
```

Definition at line 368 of file backup_file.cpp.

Here is the call graph for this function:

7.13.3.11 TearDown()

```
void clang::tidy::pagesjaunes::test::BackupFile::TearDown (
            void  )  [virtual]
```

Definition at line 127 of file backup_file.cpp.

7.13.4 Member Data Documentation

7.13.4.1 m_buffer

```
unsigned char* clang::tidy::pagesjaunes::test::BackupFile::m_buffer
```

Definition at line 105 of file backup_file.h.

7.13.4.2 m_length

```
std::streamsize clang::tidy::pagesjaunes::test::BackupFile::m_length
```

Definition at line 104 of file backup_file.h.

7.13.4.3 m_sha256_value

```
std::string clang::tidy::pagesjaunes::test::BackupFile::m_sha256_value
```

Definition at line 103 of file backup_file.h.

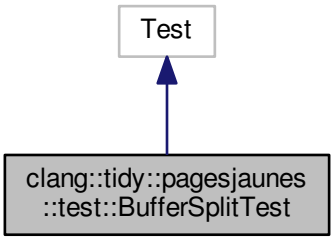
The documentation for this class was generated from the following files:

- test/backup_file.h
- test/backup_file.cpp

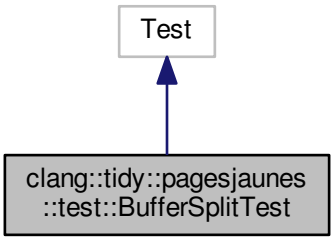
7.14 clang::tidy::pagesjaunes::test::BufferSplitTest Class Reference

```
#include <buffer_split.h>
```

Inheritance diagram for clang::tidy::pagesjaunes::test::BufferSplitTest:



Collaboration diagram for clang::tidy::pagesjaunes::test::BufferSplitTest:



Classes

- class SHA256

Public Member Functions

- BufferSplitTest ()
- virtual ~BufferSplitTest ()
- virtual void SetUp (void)
- virtual void TearDown (void)
- virtual void PrintTo (const BufferSplitTest &, ::std::ostream *)
- std::string sha256 (const std::string &)
- std::string sha256 (std::ifstream &)
- int sha256cmp (const std::string &, const std::string &)
- int sha256cmp (std::ifstream &, std::ifstream &)

Static Public Attributes

- static const std::string LLVM_SRC_ROOT_DIR_ENVVAR_NAME = "LLVM_SRC_ROOT_DIR"
- static const std::string CLANG_TIDY_TEST_FILE_RELATIVE_PATH = "/tools/clang/tools/extra/clang-tidy/pagesjaunes/test/"
- static const std::string CLANG_TIDY_TEST_FILE_NAME = "buffer_split_std.txt"
- static const std::string CLANG_TIDY_TEST_BIG_FILE_NAME = "buffer_split_cpp.txt"

Protected Attributes

- const std::string * m_clang_root_directory = nullptr

7.14.1 Detailed Description

Definition at line 60 of file buffer_split.h.

7.14.2 Constructor & Destructor Documentation

7.14.2.1 BufferSplitTest()

```
clang::tidy::pagesjaunes::test::BufferSplitTest::BufferSplitTest ( )
```

Definition at line 61 of file buffer_split.cpp.

7.14.2.2 ~BufferSplitTest()

```
clang::tidy::pagesjaunes::test::BufferSplitTest::~BufferSplitTest ( )  [virtual]
```

Definition at line 67 of file buffer_split.cpp.

7.14.3 Member Function Documentation

7.14.3.1 PrintTo()

```
void clang::tidy::pagesjaunes::test::BufferSplitTest::PrintTo (
            const BufferSplitTest & buffer_split,
            ::std::ostream * os )  [virtual]
```

Definition at line 83 of file buffer_split.cpp.

7.14.3.2 SetUp()

```
void clang::tidy::pagesjaunes::test::BufferSplitTest::SetUp (
            void  )  [virtual]
```

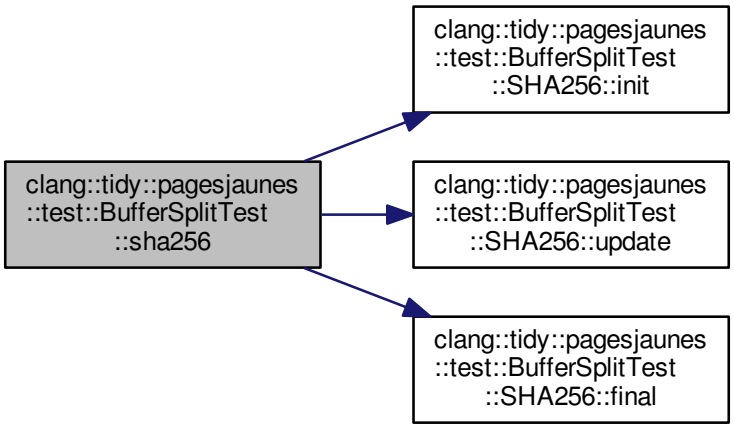
Definition at line 73 of file buffer_split.cpp.

7.14.3.3 sha256() [1/2]

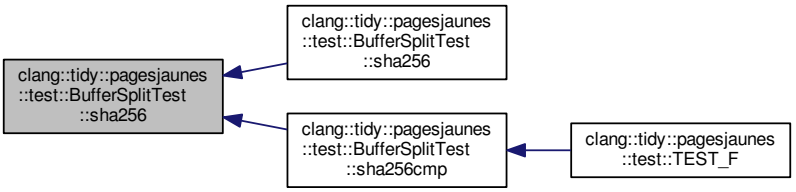
```
std::string clang::tidy::pagesjaunes::test::BufferSplitTest::sha256 (
            const std::string & input )
```

Definition at line 387 of file buffer_split.cpp.

Here is the call graph for this function:



Here is the caller graph for this function:

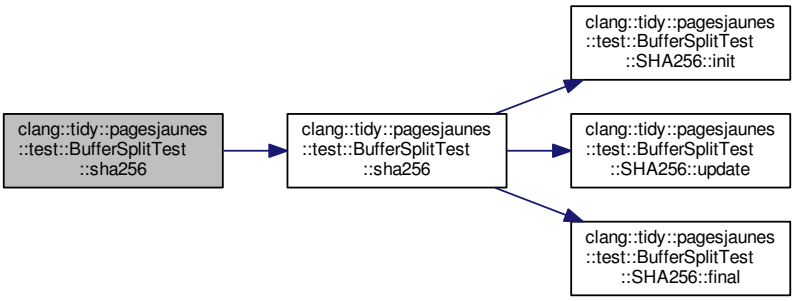


7.14.3.4 sha256() [2/2]

```
std::string clang::tidy::pagesjaunes::test::BufferSplitTest::sha256 (
            std::ifstream & is )
```

Definition at line 406 of file buffer_split.cpp.

Here is the call graph for this function:

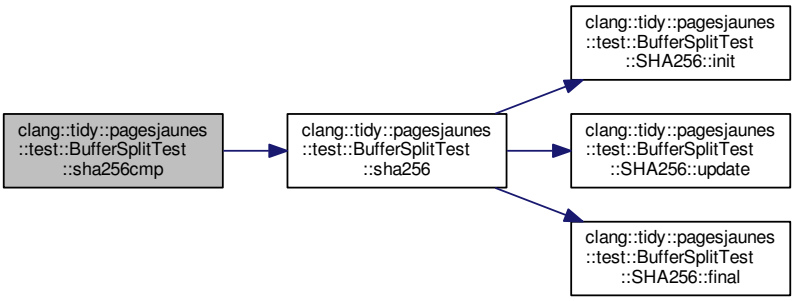


7.14.3.5 sha256cmp() [1/2]

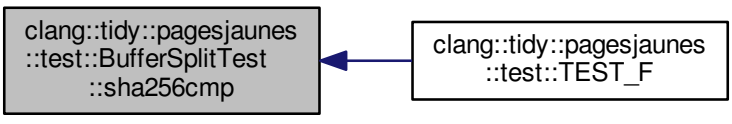
```
int clang::tidy::pagesjaunes::test::BufferSplitTest::sha256cmp (
            const std::string & s1,
            const std::string & s2 )
```

Definition at line 420 of file buffer_split.cpp.

Here is the call graph for this function:



Here is the caller graph for this function:

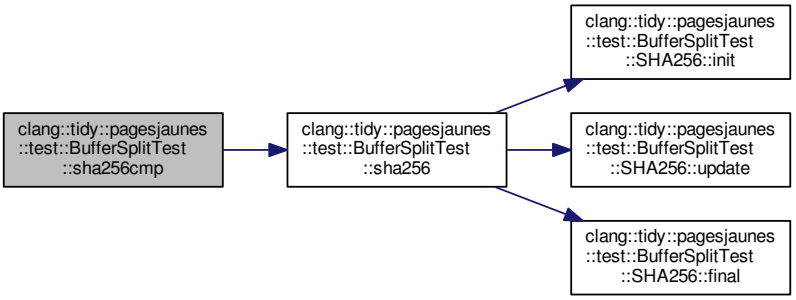


7.14.3.6 sha256cmp() [2/2]

```
int clang::tidy::pagesjaunes::test::BufferSplitTest::sha256cmp (
            std::ifstream & is1,
            std::ifstream & is2 )
```

Definition at line 428 of file buffer_split.cpp.

Here is the call graph for this function:



7.14.3.7 TearDown()

```
void clang::tidy::pagesjaunes::test::BufferSplitTest::TearDown (
            void ) [virtual]
```

Definition at line 78 of file buffer_split.cpp.

7.14.4 Member Data Documentation

7.14.4.1 CLANG_TIDY_TEST_BIG_FILE_NAME

```
const std::string clang::tidy::pagesjaunes::test::BufferSplitTest::CLANG_TIDY_TEST_BIG_FILE_↩
NAME = "buffer_split_cpp.txt" [static]
```

Definition at line 90 of file buffer_split.h.

7.14.4.2 CLANG_TIDY_TEST_FILE_NAME

```
const std::string clang::tidy::pagesjaunes::test::BufferSplitTest::CLANG_TIDY_TEST_FILE_NAME =
"buffer_split_std.txt"  [static]
```

Definition at line 89 of file buffer_split.h.

7.14.4.3 CLANG_TIDY_TEST_FILE_RELATIVE_PATH

```
const std::string clang::tidy::pagesjaunes::test::BufferSplitTest::CLANG_TIDY_TEST_FILE_RELA↩
TIVE_PATH = "/tools/clang/tools/extra/clang-tidy/pagesjaunes/test/"  [static]
```

Definition at line 88 of file buffer_split.h.

7.14.4.4 LLVM_SRC_ROOT_DIR_ENVVAR_NAME

```
const std::string clang::tidy::pagesjaunes::test::BufferSplitTest::LLVM_SRC_ROOT_DIR_ENVVAR_↩
NAME = "LLVM_SRC_ROOT_DIR"  [static]
```

Definition at line 87 of file buffer_split.h.

7.14.4.5 m_clang_root_directory

```
const std::string* clang::tidy::pagesjaunes::test::BufferSplitTest::m_clang_root_directory =
nullptr  [protected]
```

Definition at line 109 of file buffer_split.h.

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

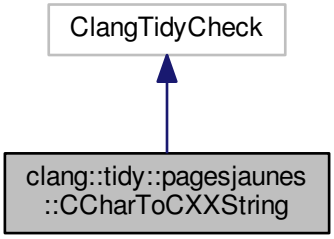
- test/buffer_split.h
- test/buffer_split.cpp

7.15 clang::tidy::pagesjaunes::CCharToCXXString Class Reference

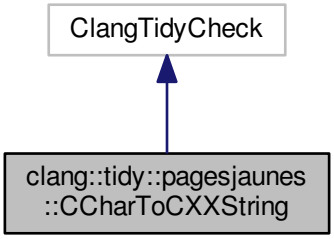
Checks that argument name match parameter name rules.

`#include <CCharToCXXString.h>`

Inheritance diagram for clang::tidy::pagesjaunes::CCharToCXXString:



Collaboration diagram for clang::tidy::pagesjaunes::CCharToCXXString:



Public Member Functions

- CCharToCXXString (StringRef Name, ClangTidyContext ∗Context)

  Constructor for the CCharToCXXString rewriting ClangTidyCheck.
- void storeOptions (ClangTidyOptions::OptionMap &Opts) override

  Store options for this check.
- void registerMatchers (ast_matchers::MatchFinder ∗Finder) override

  Register the ASTMatchers that will found nodes we are interested in.
- void check (const ast_matchers::MatchFinder::MatchResult &Result) override

  This method is called each time a visited AST node matching our ASTMatcher is found.

7.15.1 Detailed Description

Checks that argument name match parameter name rules.

These options are supported:

- `Include-Comment-Regex`: The regular expression to use for parsing comment default is 1 (process strcpy)
- `Handle-strcmp`: actually process or not strcpy default is 1 (process strcmp)
- `Handle-strlen`: actually process or not strcpy default is 1 (process strlen)

Definition at line 37 of file CCharToCXXString.h.

7.15.2 Constructor & Destructor Documentation

7.15.2.1 CCharToCXXString()

```
clang::tidy::pagesjaunes::CCharToCXXString::CCharToCXXString (
            StringRef Name,
            ClangTidyContext * Context )
```

Constructor for the CCharToCXXString rewriting ClangTidyCheck.

CCharToCXXString constructor

The rule is created a new check using its `ClangTidyCheck` base class. Name and context are provided and stored locally. Some diag ids corresponding to errors handled by rule are created:

- no_error_diag_id: No error
- array_type_not_found_diag_id: Didn't found a constant array type
- record_decl_not_found_diag_id: Didn't found a RecordDecl (this is a req)
- member_has_no_def_diag_id: Didn't found the definition for our type changed member
- member_not_found_diag_id: Didn't found the member (unexpected)
- member2_not_found_diag_id: Didn't found the second member (unexpected)
- unexpected_ast_node_kind_diag_id: Bad node kind detected (unexpected)

Parameters

Name	A StringRef for the new check name
Context	The ClangTidyContext allowing to access other contexts

Definition at line 52 of file CCharToCXXString.cpp.

7.15.3 Member Function Documentation

7.15.3.1 check()

```
void clang::tidy::pagesjaunes::CCharToCXXString::check (
            const ast_matchers::MatchFinder::MatchResult & Result )  [override]
```

This method is called each time a visited AST node matching our ASTMatcher is found.

check

This method will navigated and inspect the found AST nodes for:

- determining if the found nodes are elligible for rewrite
- extracting all necessary informations for computing rewrite location and code It handles rewriting three string manipulation functions:
- strcmp
- strcpy
- strlen

Parameters

result	The match result provided by the recursive visitor allowing us to access AST nodes bound to variables

Definition at line 794 of file CCharToCXXString.cpp.

7.15.3.2 registerMatchers()

```
void clang::tidy::pagesjaunes::CCharToCXXString::registerMatchers (
            ast_matchers::MatchFinder * Finder )  [override]
```

Register the ASTMatchers that will found nodes we are interested in.

registerMatchers

This method register 3 matchers for each string manipulation calls we want to rewrite. These three calls are:

- strcmp
- strcpy
- strlen The matchers bind elements we will use, for detecting we want to rewrite the foudn statement, and for writing new code.

Parameters

Finder	the recursive visitor that will use our matcher for sending us AST node.

Definition at line 100 of file CCharToCXXString.cpp.

7.15.3.3 storeOptions()

```
void clang::tidy::pagesjaunes::CCharToCXXString::storeOptions (
            ClangTidyOptions::OptionMap & Opts )  [override]
```

Store options for this check.

storeOptions

This check support three options for enabling/disabling each call processing:

- Handle-strcpy: allowsto enable/disable processing of strcpy
- Handle-strcmp: allowsto enable/disable processing of strcmp
- Handle-strlen: allowsto enable/disable processing of strlen

Parameters

Opts	The option map in which to store supported options

Definition at line 76 of file CCharToCXXString.cpp.

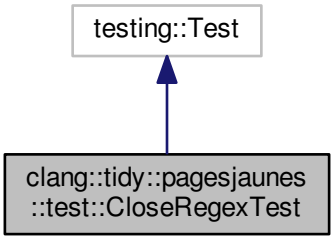
The documentation for this class was generated from the following files:

- CCharToCXXString.h
- CCharToCXXString.cpp

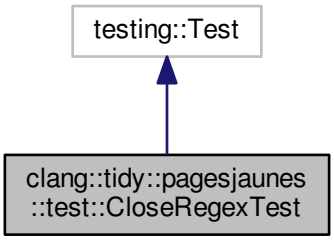
7.16 clang::tidy::pagesjaunes::test::CloseRegexTest Class Reference

```
#include <close_regex_test.h>
```

Inheritance diagram for clang::tidy::pagesjaunes::test::CloseRegexTest:



Collaboration diagram for clang::tidy::pagesjaunes::test::CloseRegexTest:



Public Member Functions

- CloseRegexTest ()
- virtual ~CloseRegexTest ()
- virtual void SetUp (void)
- virtual void TearDown (void)
- void PrintTo (const CloseRegexTest &, ::std::ostream *)
- llvm::Regex & get_close_re ()

7.16.1 Detailed Description

Definition at line 30 of file close_regex_test.h.

7.16.2 Constructor & Destructor Documentation

7.16.2.1 CloseRegexTest()

```
clang::tidy::pagesjaunes::test::CloseRegexTest::CloseRegexTest ( )
```

Definition at line 26 of file close_regex_test.cpp.

7.16.2.2 ~CloseRegexTest()

```
clang::tidy::pagesjaunes::test::CloseRegexTest::~CloseRegexTest ( )  [virtual]
```

Definition at line 31 of file close_regex_test.cpp.

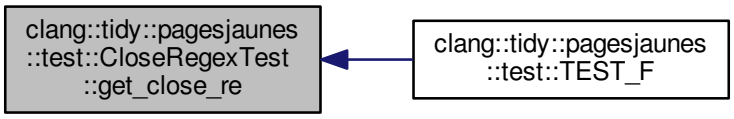
7.16.3 Member Function Documentation

7.16.3.1 get_close_re()

```
llvm::Regex& clang::tidy::pagesjaunes::test::CloseRegexTest::get_close_re ( )  [inline]
```

Definition at line 43 of file close_regex_test.h.

Here is the caller graph for this function:



7.16.3.2 PrintTo()

```
void clang::tidy::pagesjaunes::test::CloseRegexTest::PrintTo (
            const CloseRegexTest & close_regex_test,
            ::std::ostream * os )
```

Definition at line 46 of file close_regex_test.cpp.

7.16.3.3 SetUp()

```
void clang::tidy::pagesjaunes::test::CloseRegexTest::SetUp (
            void  )  [virtual]
```

Definition at line 36 of file close_regex_test.cpp.

7.16.3.4 TearDown()

```
void clang::tidy::pagesjaunes::test::CloseRegexTest::TearDown (
            void  )  [virtual]
```

Definition at line 41 of file close_regex_test.cpp.

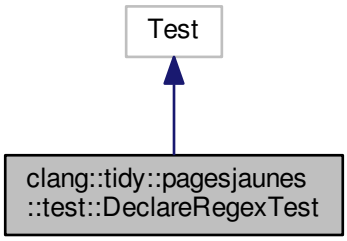
The documentation for this class was generated from the following files:

- test/close_regex_test.h
- test/close_regex_test.cpp

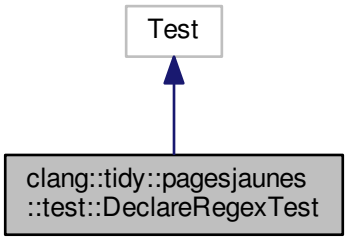
7.17 clang::tidy::pagesjaunes::test::DeclareRegexTest Class Reference

```
#include <declare_regex_test.h>
```

Inheritance diagram for clang::tidy::pagesjaunes::test::DeclareRegexTest:



Collaboration diagram for clang::tidy::pagesjaunes::test::DeclareRegexTest:



Public Member Functions

- DeclareRegexTest ()
- virtual ~DeclareRegexTest ()
- virtual void SetUp (void)
- virtual void TearDown (void)
- void PrintTo (const DeclareRegexTest &, ::std::ostream *)
- llvm::Regex & get_declare_re ()

7.17.1 Detailed Description

Definition at line 30 of file declare_regex_test.h.

7.17.2 Constructor & Destructor Documentation

7.17.2.1 DeclareRegexTest()

```
clang::tidy::pagesjaunes::test::DeclareRegexTest::DeclareRegexTest ( )
```

Definition at line 26 of file declare_regex_test.cpp.

7.17.2.2 ~DeclareRegexTest()

```
clang::tidy::pagesjaunes::test::DeclareRegexTest::~DeclareRegexTest ( )  [virtual]
```

Definition at line 31 of file declare_regex_test.cpp.

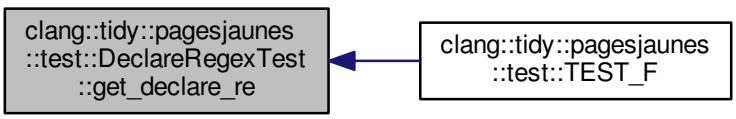
7.17.3 Member Function Documentation

7.17.3.1 get_declare_re()

```
llvm::Regex& clang::tidy::pagesjaunes::test::DeclareRegexTest::get_declare_re ( )  [inline]
```

Definition at line 43 of file declare_regex_test.h.

Here is the caller graph for this function:



7.17.3.2 PrintTo()

```
void clang::tidy::pagesjaunes::test::DeclareRegexTest::PrintTo (
            const DeclareRegexTest & declare_regex_test,
            ::std::ostream * os )
```

Definition at line 46 of file declare_regex_test.cpp.

7.17.3.3 SetUp()

```
void clang::tidy::pagesjaunes::test::DeclareRegexTest::SetUp (
            void ) [virtual]
```

Definition at line 36 of file declare_regex_test.cpp.

7.17.3.4 TearDown()

```
void clang::tidy::pagesjaunes::test::DeclareRegexTest::TearDown (
            void ) [virtual]
```

Definition at line 41 of file declare_regex_test.cpp.

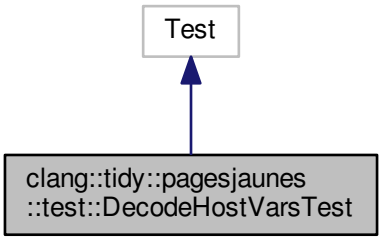
The documentation for this class was generated from the following files:

- test/declare_regex_test.h
- test/declare_regex_test.cpp

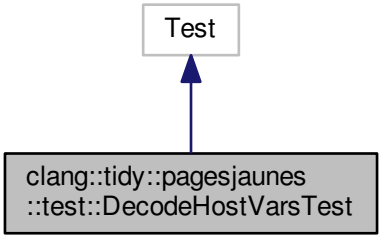
7.18 clang::tidy::pagesjaunes::test::DecodeHostVarsTest Class Reference

```
#include <decode_host_vars.h>
```

Inheritance diagram for clang::tidy::pagesjaunes::test::DecodeHostVarsTest:



Collaboration diagram for clang::tidy::pagesjaunes::test::DecodeHostVarsTest:



Public Member Functions

- DecodeHostVarsTest ()
- virtual ~DecodeHostVarsTest ()
- virtual void SetUp (void)
- virtual void TearDown (void)
- void PrintTo (const DecodeHostVarsTest &, ::std::ostream *)

7.18.1 Detailed Description

Definition at line 30 of file decode_host_vars.h.

7.18.2 Constructor & Destructor Documentation

7.18.2.1 DecodeHostVarsTest()

```
clang::tidy::pagesjaunes::test::DecodeHostVarsTest::DecodeHostVarsTest ( )
```

Definition at line 26 of file decode_host_vars.cpp.

7.18.2.2 ~DecodeHostVarsTest()

```
clang::tidy::pagesjaunes::test::DecodeHostVarsTest::~DecodeHostVarsTest ( )  [virtual]
```

Definition at line 31 of file decode_host_vars.cpp.

7.18.3 Member Function Documentation

7.18.3.1 PrintTo()

```
void clang::tidy::pagesjaunes::test::DecodeHostVarsTest::PrintTo (
            const DecodeHostVarsTest & decode_host_vars,
            ::std::ostream * os )
```

Definition at line 46 of file decode_host_vars.cpp.

7.18.3.2 SetUp()

```
void clang::tidy::pagesjaunes::test::DecodeHostVarsTest::SetUp (
            void ) [virtual]
```

Definition at line 36 of file decode_host_vars.cpp.

7.18.3.3 TearDown()

```
void clang::tidy::pagesjaunes::test::DecodeHostVarsTest::TearDown (
            void ) [virtual]
```

Definition at line 41 of file decode_host_vars.cpp.

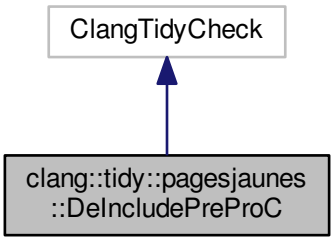
The documentation for this class was generated from the following files:

- test/decode_host_vars.h
- test/decode_host_vars.cpp

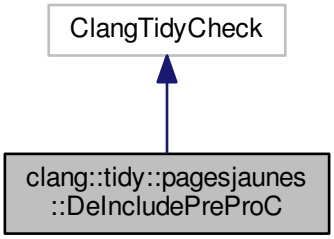
7.19 clang::tidy::pagesjaunes::DeIncludePreProC Class Reference

`#include <DeIncludePreProC.h>`

Inheritance diagram for clang::tidy::pagesjaunes::DeIncludePreProC:



Collaboration diagram for clang::tidy::pagesjaunes::DeIncludePreProC:



Public Member Functions

- DeIncludePreProC (StringRef, ClangTidyContext ∗)
  Constructor for the `DeIncludePreProC` rewriting check.
- void storeOptions (ClangTidyOptions::OptionMap &Opts) override
  Store options for this check.
- void registerMatchers (ast_matchers::MatchFinder ∗) override
  Register the ASTMatcher that will found nodes we are interested in.
- void check (const ast_matchers::MatchFinder::MatchResult &) override
  This method is called each time a visited AST node matching our ASTMatcher is found.

7.19.1 Detailed Description

Definition at line 31 of file DeIncludePreProC.h.

7.19.2 Constructor & Destructor Documentation

7.19.2.1 DeIncludePreProC()

```
clang::tidy::pagesjaunes::DeIncludePreProC::DeIncludePreProC (
            StringRef Name,
            ClangTidyContext * Context )
```

Constructor for the DeIncludePreProC rewriting check.

DeIncludePreProC constructor

The rule is created a new check using its ClangTidyCheck base class. Name and context are provided and stored locally. Some diag ids corresponding to errors handled by rule are created:

- unexpected_diag_id: Unexpected error
- no_error_diag_id: No error
- access_char_data_diag_id: Couldn't access memory buffer for comment (unexpected)
- cant_find_comment_diag_id: Comment not available (unexpected)
- comment_dont_match_diag_id: Invalid comment structure (unexpected) This check allows to customize several values through options. These options are:
- Comment-regex: Allows to customize the value of the regular expression used for finding comments created from the EXEC SQL include statements
- Headers-to-include-in: Allows to customize the headers IN filter. Headers that are not in this filter are not included and then not processed.
- Headers-to-exclude-from: Allows to customize the headers OUT filter. Headers that are in this filter are not included and then not processed.
- Headers-directories: Allows to customize the headers directories that will be searched. TODO: Try to find a way to use compilation database to avoid this option.

Parameters

Name	A StringRef for the new check name
Context	The ClangTidyContext allowing to access other contextsInit check (super class) Init our TidyContext instance Check option for comment regex Check option for setting a restriction list of headers to process Check option for setting a header exclusion list Check option for setting a list include directories

Definition at line 58 of file DeIncludePreProC.cpp.

7.19.3 Member Function Documentation

7.19.3.1 check()

```
void clang::tidy::pagesjaunes::DeIncludePreProC::check (
            const ast_matchers::MatchFinder::MatchResult &  )  [override]
```

This method is called each time a visited AST node matching our ASTMatcher is found.

check

This method will navigated and inspect the found AST nodes for:

- determining if the found nodes are elligible for rewrite
- extracting all necessary informations for computing rewrite location and code (find ProC generated comment) The comment depends on which pre-processoris used. Default value is set for processing comments created through Oracle ProC. Customizing the regex is available through `Comment-regex` option. An example for setting this option is: { key: pagesjaunes-de-include-preproc.Comment-regex, value: '^.∗EXEC SQL[ ]+include[ ]+"([_A-Za-z.]+)".∗$' }

Parameters

Result	The match result provided by the recursive visitor allowing us to access AST nodes bound to variables

Definition at line 314 of file DeIncludePreProC.cpp.

7.19.3.2 registerMatchers()

```
void clang::tidy::pagesjaunes::DeIncludePreProC::registerMatchers (
            ast_matchers::MatchFinder *  )  [override]
```

Register the ASTMatcher that will found nodes we are interested in.

registerMatchers

This method register 1 matcher for each oracle ProC generated statement to rewrite. The matcher bind elements we will use, for detecting the found statement we want to rewrite , and for writing new code.

Parameters

Finder	the recursive visitor that will use our matcher for sending us AST node.

Definition at line 123 of file DeIncludePreProC.cpp.

7.19.3.3 storeOptions()

```
void clang::tidy::pagesjaunes::DeIncludePreProC::storeOptions (
            ClangTidyOptions::OptionMap & Opts )  [override]
```

Store options for this check.

storeOptions

This check support one option for customizing comment regex

- Comment-regex
- Headers-to-include-in
- Headers-to-exclude-from
- Headers-directories

Parameters

Opts	The option map in which to store supported options

Definition at line 101 of file DeIncludePreProC.cpp.

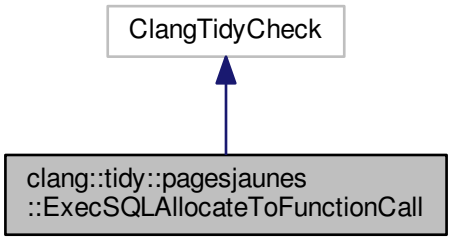
The documentation for this class was generated from the following files:

- DeIncludePreProC.h
- DeIncludePreProC.cpp

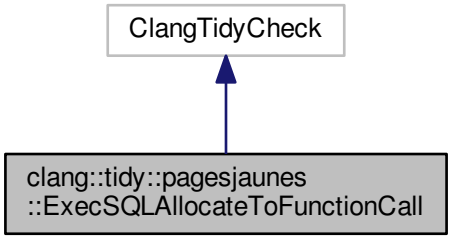
7.20 clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall Class Reference

```
#include <ExecSQLAllocateToFunctionCall.h>
```

Inheritance diagram for clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall:



Collaboration diagram for clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall:



Classes

- struct AssignmentRecord
- struct ReqFmtRecord
- class SourceRangeBefore
- class SourceRangeForStringLiterals
- struct StringLiteralRecord

Public Types

- using source_range_set_t = std::multiset< SourceRangeForStringLiterals, SourceRangeBefore >

Public Member Functions

- ExecSQLAllocateToFunctionCall (StringRef, ClangTidyContext *)

  Constructor for the ExecSQLAllocateToFunctionCall rewriting check.
- void storeOptions (ClangTidyOptions::OptionMap &Opts) override

  Store options for this check.
- void registerMatchers (ast_matchers::MatchFinder *) override

  Register the ASTMatcher that will found nodes we are interested in.
- void registerPPCallbacks (CompilerInstance &Compiler) override

  Register callback for intercepting all pre-processor actions.
- void check (const ast_matchers::MatchFinder::MatchResult &) override

  This method is called each time a visited AST node matching our ASTMatcher is found.

Public Attributes

- ClangTidyContext * TidyContext

Protected Attributes

- std::vector< struct StringLiteralRecord * > m_req_copy_collector
- std::vector< struct AssignmentRecord * > m_req_assign_collector
- std::vector< struct ReqFmtRecord * > m_req_fmt_collector

7.20.1 Detailed Description

Definition at line 27 of file ExecSQLAllocateToFunctionCall.h.

7.20.2 Member Typedef Documentation

7.20.2.1 source_range_set_t

```
using clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::source_range_set_t = std↩
::multiset<SourceRangeForStringLiterals, SourceRangeBefore>
```

Definition at line 87 of file ExecSQLAllocateToFunctionCall.h.

7.20.3 Constructor & Destructor Documentation

7.20.3.1 ExecSQLAllocateToFunctionCall()

```
clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::ExecSQLAllocateToFunctionCall (
            StringRef Name,
            ClangTidyContext * Context )
```

Constructor for the ExecSQLAllocateToFunctionCall rewriting check.

ExecSQLAllocateToFunctionCall constructor

The rule is created a new check using its `ClangTidyCheck` base class. Name and context are provided and stored locally. Some diag ids corresponding to errors handled by rule are created:

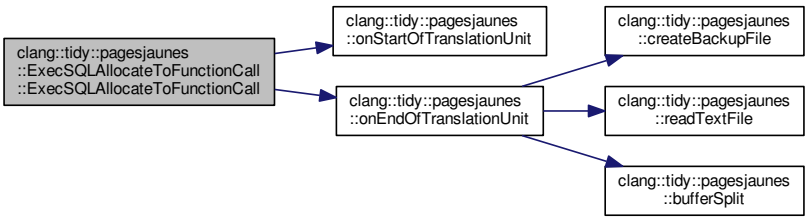
- unexpected_diag_id: Unexpected error
- no_error_diag_id: No error
- access_char_data_diag_id: Couldn't access memory buffer for comment (unexpected)
- cant_find_comment_diag_id: Comment not available (unexpected)
- comment_dont_match_diag_id: Invalid comment structure (unexpected)
- source_generation_failure_diag_id: Request source file generation failed (unexpected)
- header_generation_failure_diag_id: Request header file generation failed (unexpected)

Parameters

Name	A StringRef for the new check name
Context	The ClangTidyContext allowing to access other contextsInit check (super class) Init our TidyContext instance Request grouping option: Filename containing a json map for a group name indexing a
	vector of requests name

Definition at line 128 of file ExecSQLAllocateToFunctionCall.cpp.

Here is the call graph for this function:



7.20.4 Member Function Documentation

7.20.4.1 check()

```
void clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::check (
            const ast_matchers::MatchFinder::MatchResult &  )  [override]
```

This method is called each time a visited AST node matching our ASTMatcher is found.

check

This method will navigated and inspect the found AST nodes for:

- determining if the found nodes are elligible for rewrite
- extracting all necessary informations for computing rewrite location and code (find ProC generated comment)

Parameters

Result	The match result provided by the recursive visitor allowing us to access AST nodes bound to variables

Definition at line 695 of file ExecSQLAllocateToFunctionCall.cpp.

7.20.4.2 registerMatchers()

```
void clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::registerMatchers (
            ast_matchers::MatchFinder *  )  [override]
```

Register the ASTMatcher that will found nodes we are interested in.

registerMatchers

This method register 1 matcher for each oracle ProC generated statement to rewrite. The matcher bind elements we will use, for detecting the found statement we want to rewrite , and for writing new code.

Parameters

Finder	the recursive visitor that will use our matcher for sending us AST node.

Definition at line 263 of file ExecSQLAllocateToFunctionCall.cpp.

7.20.4.3 registerPPCallbacks()

```
void clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::registerPPCallbacks (
            CompilerInstance & compiler )  [override]
```

Register callback for intercepting all pre-processor actions.

ExecSQLAllocateToFunctionCall::registerPPCallbacks

Allows to register a callback for executing our actions at every C/C++ pre-processor processing. Thanks to this callback we will collect all string literal macro expansions.

Parameters

in	*compiler*	the compiler instance we will intercept

Definition at line 288 of file ExecSQLAllocateToFunctionCall.cpp.

7.20.4.4 storeOptions()

```
void clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::storeOptions (
            ClangTidyOptions::OptionMap & Opts )  [override]
```

Store options for this check.

storeOptions

This check support one option for customizing comment regex

- Generate-requests-headers
- Generate-requests-sources
- Generation-directory
- Generation-header-template
- Generation-source-template
- Generation-request-groups

Parameters

Opts	The option map in which to store supported options

Definition at line 236 of file ExecSQLAllocateToFunctionCall.cpp.

7.20.5 Member Data Documentation

7.20.5.1 m_req_assign_collector

```
std::vector<struct AssignmentRecord *> clang::tidy::pagesjaunes::ExecSQLAllocateToFunction↩
Call::m_req_assign_collector  [protected]
```

Definition at line 174 of file ExecSQLAllocateToFunctionCall.h.

7.20.5.2 m_req_copy_collector

```
std::vector<struct StringLiteralRecord *> clang::tidy::pagesjaunes::ExecSQLAllocateToFunction↩
Call::m_req_copy_collector  [protected]
```

Definition at line 117 of file ExecSQLAllocateToFunctionCall.h.

7.20.5.3 m_req_fmt_collector

```
std::vector<struct ReqFmtRecord *> clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall↩
::m_req_fmt_collector  [protected]
```

Definition at line 223 of file ExecSQLAllocateToFunctionCall.h.

7.20.5.4 TidyContext

```
ClangTidyContext* clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::TidyContext
```

Definition at line 31 of file ExecSQLAllocateToFunctionCall.h.

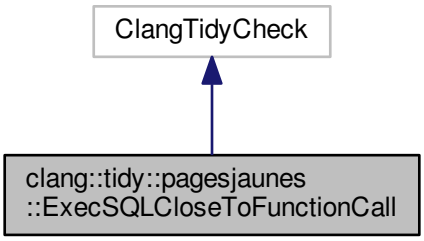
The documentation for this class was generated from the following files:

- ExecSQLAllocateToFunctionCall.h
- ExecSQLAllocateToFunctionCall.cpp

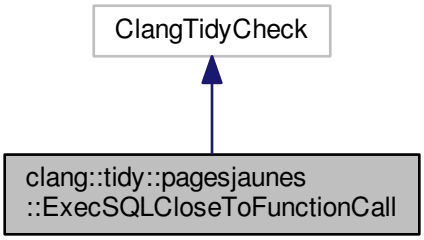
7.21 clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall Class Reference

`#include <ExecSQLCloseToFunctionCall.h>`

Inheritance diagram for clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall:



Collaboration diagram for clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall:



Classes

- class SourceRangeBefore
- class SourceRangeForStringLiterals

  Collect data about macro expansion for string literals.
- struct VarDeclMatchRecord

Public Types

- enum ExecSQLCloseToFunctionCallErrorKind { EXEC_SQL_2_FUNC_ERROR_NO_ERROR = 0, EXEC_SQL_2_FUNC_ERROR_ACCESS_CHAR_DATA, EXEC_SQL_2_FUNC_ERROR_CANT_FIND_COMMENT_START, EXEC_SQL_2_FUNC_ERROR_CO↩ MMENT_DONT_MATCH,

EXEC_SQL_2_FUNC_ERROR_SOURCE_GENERATION, EXEC_SQL_2_FUNC_ERROR_SOURCE_E↩
XISTS, EXEC_SQL_2_FUNC_ERROR_SOURCE_CREATE_DIR, EXEC_SQL_2_FUNC_ERROR_HEAD↩
ER_GENERATION,
EXEC_SQL_2_FUNC_ERROR_HEADER_EXISTS, EXEC_SQL_2_FUNC_ERROR_HEADER_CREATE↩
_DIR, EXEC_SQL_2_FUNC_ERROR_UNSUPPORTED_STRING_CHARSET, EXEC_SQL_2_FUNC_ER↩
ROR_INVALID_GROUPS_FILE,
EXEC_SQL_2_FUNC_ERROR_ASSIGNMENT_NOT_FOUND }

- using source_range_set_t = std::multiset< SourceRangeForStringLiterals, SourceRangeBefore >

Public Member Functions

- ExecSQLCloseToFunctionCall (StringRef, ClangTidyContext *)

  Constructor for the ExecSQLCloseToFunctionCall rewriting check.
- void storeOptions (ClangTidyOptions::OptionMap &Opts) override

  Store options for this check.
- void registerMatchers (ast_matchers::MatchFinder *) override

  Register the ASTMatcher that will found nodes we are interested in.
- void registerPPCallbacks (CompilerInstance &Compiler) override

  Register callback for intercepting all pre-processor actions.
- void check (const ast_matchers::MatchFinder::MatchResult &) override

  This method is called each time a visited AST node matching our ASTMatcher is found.
- std::string emitDiagAndFix (const SourceLocation &, const SourceLocation &, const std::string &)
- void emitError (DiagnosticsEngine &, const SourceLocation &, enum ExecSQLCloseToFunctionCallError↩
Kind, const std::string *msgptr=nullptr)

  Manage error conditions by emiting an error.

Public Attributes

- ClangTidyContext * TidyContext

Protected Attributes

- std::vector< struct VarDeclMatchRecord * > m_req_var_decl_collector

7.21.1 Detailed Description

Definition at line 27 of file ExecSQLCloseToFunctionCall.h.

7.21.2 Member Typedef Documentation

7.21.2.1 source_range_set_t

```
using clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::source_range_set_t = std::multiset<Source↩
RangeForStringLiterals, SourceRangeBefore>
```

Definition at line 142 of file ExecSQLCloseToFunctionCall.h.

7.21.3 Member Enumeration Documentation

7.21.3.1 ExecSQLCloseToFunctionCallErrorKind

```
enum clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::ExecSQLCloseToFunctionCallErrorKind
```

Enumerator

EXEC_SQL_2_FUNC_ERROR_NO_ERROR	
EXEC_SQL_2_FUNC_ERROR_ACCESS_CHAR_DATA	
EXEC_SQL_2_FUNC_ERROR_CANT_FIND_COMMENT_START	
EXEC_SQL_2_FUNC_ERROR_COMMENT_DONT_MATCH	
EXEC_SQL_2_FUNC_ERROR_SOURCE_GENERATION	
EXEC_SQL_2_FUNC_ERROR_SOURCE_EXISTS	
EXEC_SQL_2_FUNC_ERROR_SOURCE_CREATE_DIR	
EXEC_SQL_2_FUNC_ERROR_HEADER_GENERATION	
EXEC_SQL_2_FUNC_ERROR_HEADER_EXISTS	
EXEC_SQL_2_FUNC_ERROR_HEADER_CREATE_DIR	
EXEC_SQL_2_FUNC_ERROR_UNSUPPORTED_STRING_CHARSET	
EXEC_SQL_2_FUNC_ERROR_INVALID_GROUPS_FILE	
EXEC_SQL_2_FUNC_ERROR_ASSIGNMENT_NOT_FOUND	

Definition at line 31 of file ExecSQLCloseToFunctionCall.h.

7.21.4 Constructor & Destructor Documentation

7.21.4.1 ExecSQLCloseToFunctionCall()

```
clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::ExecSQLCloseToFunctionCall (
            StringRef Name,
            ClangTidyContext * Context )
```

Constructor for the ExecSQLCloseToFunctionCall rewriting check.

ExecSQLCloseToFunctionCall constructor

The rule is created a new check using its `ClangTidyCheck` base class. Name and context are provided and stored locally. Some diag ids corresponding to errors handled by rule are created:

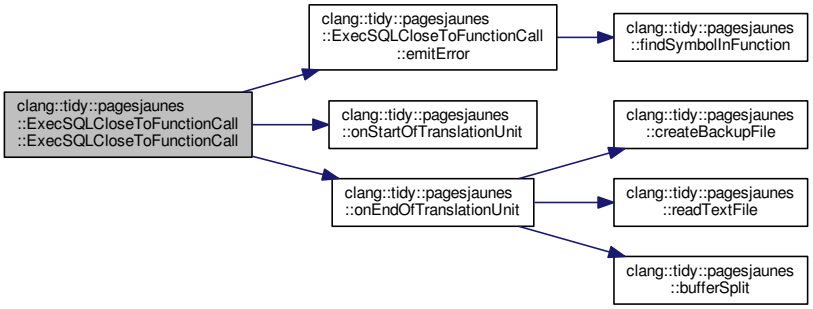
- unexpected_diag_id: Unexpected error
- no_error_diag_id: No error
- access_char_data_diag_id: Couldn't access memory buffer for comment (unexpected)
- cant_find_comment_diag_id: Comment not available (unexpected)
- comment_dont_match_diag_id: Invalid comment structure (unexpected)
- source_generation_failure_diag_id: Request source file generation failed (unexpected)
- header_generation_failure_diag_id: Request header file generation failed (unexpected)

Parameters

Name	A StringRef for the new check name
Context	The ClangTidyContext allowing to access other contextsInit check (super class) Init our TidyContext instance Request grouping option: Filename containing a json map for a group name indexing a vector of requests name

Definition at line 153 of file ExecSQLCloseToFunctionCall.cpp.

Here is the call graph for this function:



7.21.5 Member Function Documentation

7.21.5.1 check()

```
void clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::check (
            const ast_matchers::MatchFinder::MatchResult &  )  [override]
```

This method is called each time a visited AST node matching our ASTMatcher is found.

check

This method will navigated and inspect the found AST nodes for:

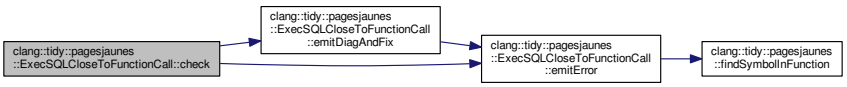
- determining if the found nodes are elligible for rewrite
- extracting all necessary informations for computing rewrite location and code (find ProC generated comment)

Parameters

Result	The match result provided by the recursive visitor allowing us to access AST nodes bound to variables

Definition at line 862 of file ExecSQLCloseToFunctionCall.cpp.

Here is the call graph for this function:

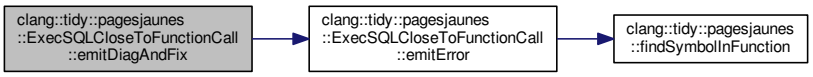


7.21.5.2 emitDiagAndFix()

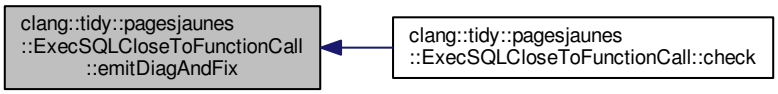
```
std::string clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::emitDiagAndFix (
            const SourceLocation & loc_start,
            const SourceLocation & loc_end,
            const std::string & function_name )
```

Definition at line 383 of file ExecSQLCloseToFunctionCall.cpp.

Here is the call graph for this function:



Here is the caller graph for this function:



7.21.5.3 emitError()

```
void clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::emitError (
            DiagnosticsEngine & diag_engine,
            const SourceLocation & err_loc,
            enum ExecSQLCloseToFunctionCallErrorKind kind,
            const std::string * msgptr = nullptr )
```

Manage error conditions by emiting an error.

emitError

This method manage any error condition by emitting a specific error message to the LLVM/Clang Diagnostics↩ Engine. It uses diag ids that were created in constructor.

Parameters

diag_engine	LLVM/Clang DiagnosticsEngine instance
err_loc	Error location
kind	Kind of error to report

Default unexpected diagnostic id

No error ID: it should never occur

Access char data diag ID

Can't find a comment

Cannot match comment

Cannot generate request source file (no location)

Cannot generate request header file (no location)

Cannot generate request source file (already exists)

Cannot generate request header file (no location)

Cannot generate request source file (create dir)

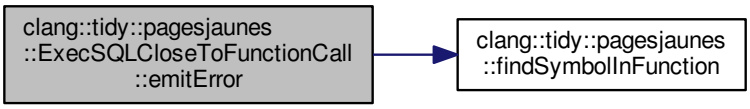
Cannot generate request header file (no location)

Unsupported String Literal charset

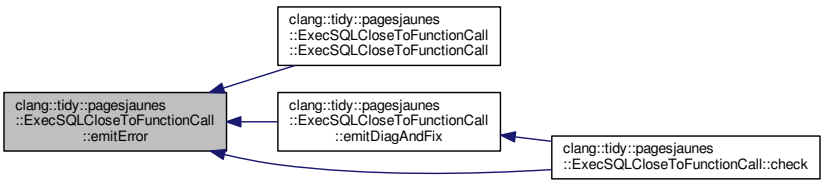
Invalid groups file error

Definition at line 625 of file ExecSQLCloseToFunctionCall.cpp.

Here is the call graph for this function:



Here is the caller graph for this function:



7.21.5.4 registerMatchers()

```
void clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::registerMatchers (
            ast_matchers::MatchFinder *  )  [override]
```

Register the ASTMatcher that will found nodes we are interested in.

registerMatchers

This method register 1 matcher for each oracle ProC generated statement to rewrite. The matcher bind elements we will use, for detecting the found statement we want to rewrite , and for writing new code.

Parameters

Finder	the recursive visitor that will use our matcher for sending us AST node.

Definition at line 334 of file ExecSQLCloseToFunctionCall.cpp.

7.21.5.5 registerPPCallbacks()

```
void clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::registerPPCallbacks (
            CompilerInstance & compiler )  [override]
```

Register callback for intercepting all pre-processor actions.

ExecSQLCloseToFunctionCall::registerPPCallbacks

Allows to register a callback for executing our actions at every C/C++ pre-processor processing. Thanks to this callback we will collect all string literal macro expansions.

Parameters

in	*compiler*	the compiler instance we will intercept

Definition at line 356 of file ExecSQLCloseToFunctionCall.cpp.

7.21.5.6 storeOptions()

```
void clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::storeOptions (
            ClangTidyOptions::OptionMap & Opts )  [override]
```

Store options for this check.

storeOptions

This check support one option for customizing comment regex

- Generate-requests-headers
- Generate-requests-sources
- Generation-directory
- Generation-header-template
- Generation-source-template
- Generation-request-groups
- Generation-simplify-function-args

Parameters

Opts	The option map in which to store supported options

Definition at line 291 of file ExecSQLCloseToFunctionCall.cpp.

7.21.6 Member Data Documentation

7.21.6.1 m_req_var_decl_collector

```
std::vector<struct VarDeclMatchRecord *> clang::tidy::pagesjaunes::ExecSQLCloseToFunction↩
Call::m_req_var_decl_collector  [protected]
```

Definition at line 181 of file ExecSQLCloseToFunctionCall.h.

7.21.6.2 TidyContext

```
ClangTidyContext* clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::TidyContext
```

Definition at line 62 of file ExecSQLCloseToFunctionCall.h.

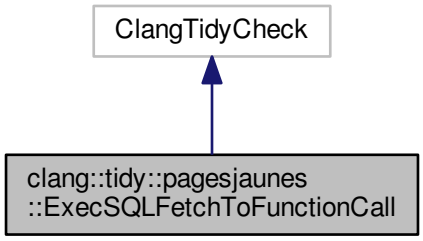
The documentation for this class was generated from the following files:

- ExecSQLCloseToFunctionCall.h
- ExecSQLCloseToFunctionCall.cpp

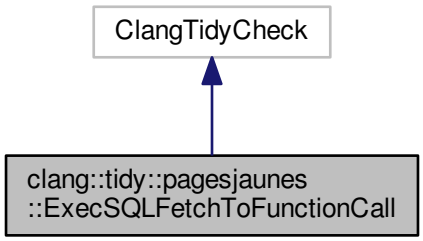
7.22 clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall Class Reference

`#include <ExecSQLFetchToFunctionCall.h>`

Inheritance diagram for clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall:



Collaboration diagram for clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall:



Classes

- class SourceRangeBefore
- class SourceRangeForStringLiterals

  Collect data about macro expansion for string literals.

Public Types

- enum ExecSQLFetchToFunctionCallErrorKind {
  EXEC_SQL_2_FUNC_ERROR_NO_ERROR = 0, EXEC_SQL_2_FUNC_ERROR_ACCESS_CHAR_DATA,
  EXEC_SQL_2_FUNC_ERROR_CANT_FIND_COMMENT_START, EXEC_SQL_2_FUNC_ERROR_CO↩
  MMENT_DONT_MATCH,

EXEC_SQL_2_FUNC_ERROR_SOURCE_GENERATION, EXEC_SQL_2_FUNC_ERROR_HEADER_GENERATION, EXEC_SQL_2_FUNC_ERROR_SOURCE_EXISTS, EXEC_SQL_2_FUNC_ERROR_HEADER_EXISTS,
EXEC_SQL_2_FUNC_ERROR_SOURCE_CREATE_DIR, EXEC_SQL_2_FUNC_ERROR_HEADER_CREATE_DIR, EXEC_SQL_2_FUNC_ERROR_UNSUPPORTED_STRING_CHARSET, EXEC_SQL_2_FUNC_ERROR_INVALID_GROUPS_FILE,
EXEC_SQL_2_FUNC_ERROR_ASSIGNMENT_NOT_FOUND }

- using source_range_set_t = std::multiset< SourceRangeForStringLiterals, SourceRangeBefore >

Public Member Functions

- ExecSQLFetchToFunctionCall (StringRef, ClangTidyContext *)

  Constructor for the ExecSQLFetchToFunctionCall rewriting check.
- void storeOptions (ClangTidyOptions::OptionMap &Opts) override

  Store options for this check.
- void registerMatchers (ast_matchers::MatchFinder *) override

  Register the ASTMatcher that will found nodes we are interested in.
- void registerPPCallbacks (CompilerInstance &Compiler) override

  Register callback for intercepting all pre-processor actions.
- void check (const ast_matchers::MatchFinder::MatchResult &) override

  This method is called each time a visited AST node matching our ASTMatcher is found.
- std::string emitDiagAndFix (const SourceLocation &, const SourceLocation &, const std::string &, const std::string &)
- void emitError (DiagnosticsEngine &, const SourceLocation &, enum ExecSQLFetchToFunctionCallErrorKind, const std::string *msgptr=nullptr)

  Manage error conditions by emiting an error.

Public Attributes

- ClangTidyContext * TidyContext

Protected Attributes

- std::vector< struct clang::tidy::pagesjaunes::VarDeclMatchRecord * > m_req_var_decl_collector

7.22.1 Detailed Description

Definition at line 27 of file ExecSQLFetchToFunctionCall.h.

7.22.2 Member Typedef Documentation

7.22.2.1 source_range_set_t

```
using clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::source_range_set_t = std::multiset<SourceRangeForStringLiterals, SourceRangeBefore>
```

Definition at line 142 of file ExecSQLFetchToFunctionCall.h.

7.22.3 Member Enumeration Documentation

7.22.3.1 ExecSQLFetchToFunctionCallErrorKind

```
enum clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::ExecSQLFetchToFunctionCallErrorKind
```

Enumerator

EXEC_SQL_2_FUNC_ERROR_NO_ERROR	
EXEC_SQL_2_FUNC_ERROR_ACCESS_CHAR_DATA	
EXEC_SQL_2_FUNC_ERROR_CANT_FIND_COMMENT_START	
EXEC_SQL_2_FUNC_ERROR_COMMENT_DONT_MATCH	
EXEC_SQL_2_FUNC_ERROR_SOURCE_GENERATION	
EXEC_SQL_2_FUNC_ERROR_HEADER_GENERATION	
EXEC_SQL_2_FUNC_ERROR_SOURCE_EXISTS	
EXEC_SQL_2_FUNC_ERROR_HEADER_EXISTS	
EXEC_SQL_2_FUNC_ERROR_SOURCE_CREATE_DIR	
EXEC_SQL_2_FUNC_ERROR_HEADER_CREATE_DIR	
EXEC_SQL_2_FUNC_ERROR_UNSUPPORTED_STRING_CHARSET	
EXEC_SQL_2_FUNC_ERROR_INVALID_GROUPS_FILE	
EXEC_SQL_2_FUNC_ERROR_ASSIGNMENT_NOT_FOUND	

Definition at line 31 of file ExecSQLFetchToFunctionCall.h.

7.22.4 Constructor & Destructor Documentation

7.22.4.1 ExecSQLFetchToFunctionCall()

```
clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::ExecSQLFetchToFunctionCall (
            StringRef Name,
            ClangTidyContext * Context )
```

Constructor for the ExecSQLFetchToFunctionCall rewriting check.

ExecSQLFetchToFunctionCall constructor

The rule is created a new check using its `ClangTidyCheck` base class. Name and context are provided and stored locally. Some diag ids corresponding to errors handled by rule are created:

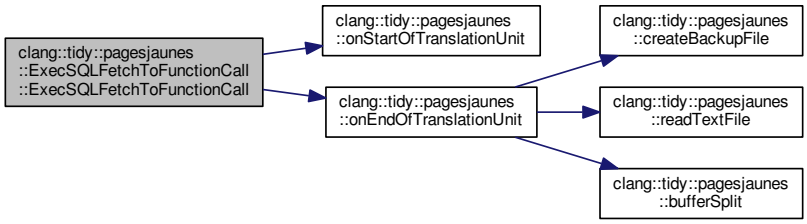
- unexpected_diag_id: Unexpected error
- no_error_diag_id: No error
- access_char_data_diag_id: Couldn't access memory buffer for comment (unexpected)
- cant_find_comment_diag_id: Comment not available (unexpected)
- comment_dont_match_diag_id: Invalid comment structure (unexpected)
- source_generation_failure_diag_id: Request source file generation failed (unexpected)
- header_generation_failure_diag_id: Request header file generation failed (unexpected)

Parameters

Name	A StringRef for the new check name
Context	The ClangTidyContext allowing to access other contextsInit check (super class) Init our TidyContext instance Request grouping option: Filename containing a json map for a group name indexing a vector of requests name

Definition at line 153 of file ExecSQLFetchToFunctionCall.cpp.

Here is the call graph for this function:



7.22.5 Member Function Documentation

7.22.5.1 check()

```
void clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::check (
            const ast_matchers::MatchFinder::MatchResult &  )  [override]
```

This method is called each time a visited AST node matching our ASTMatcher is found.

check

This method will navigated and inspect the found AST nodes for:

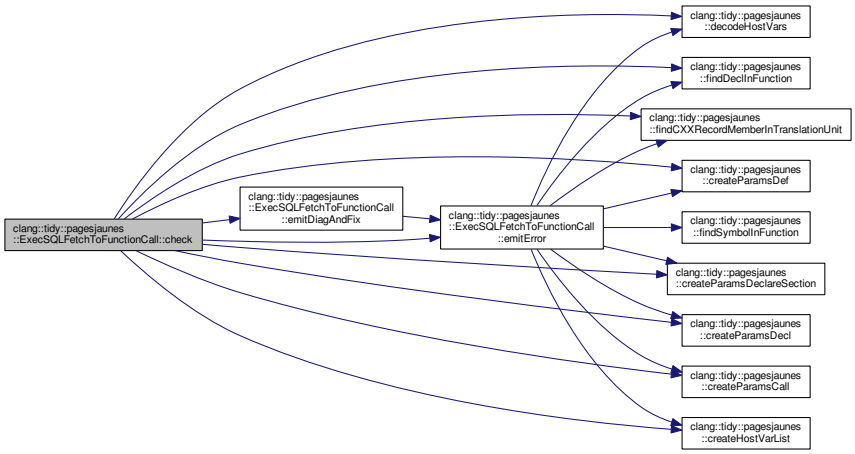
- determining if the found nodes are elligible for rewrite
- extracting all necessary informations for computing rewrite location and code (find ProC generated comment)

Parameters

Result	The match result provided by the recursive visitor allowing us to access AST nodes bound to variables

Definition at line 1059 of file ExecSQLFetchToFunctionCall.cpp.

Here is the call graph for this function:

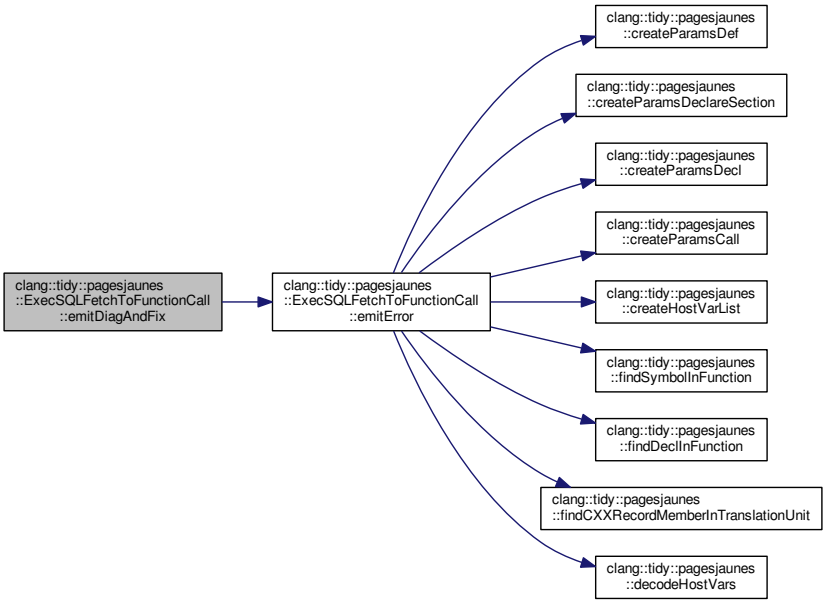


7.22.5.2 emitDiagAndFix()

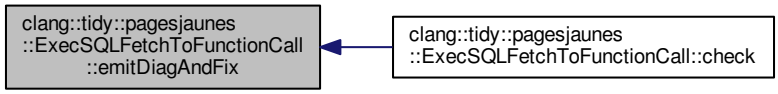
```
std::string clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::emitDiagAndFix (
            const SourceLocation & loc_start,
            const SourceLocation & loc_end,
            const std::string & function_name,
            const std::string & function_args )
```

Definition at line 383 of file ExecSQLFetchToFunctionCall.cpp.

Here is the call graph for this function:



Here is the caller graph for this function:



7.22.5.3 emitError()

```
void clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::emitError (
            DiagnosticsEngine & diag_engine,
            const SourceLocation & err_loc,
            enum ExecSQLFetchToFunctionCallErrorKind kind,
            const std::string * msgptr = nullptr )
```

Manage error conditions by emiting an error.

emitError

This method manage any error condition by emitting a specific error message to the LLVM/Clang Diagnostics↩ Engine. It uses diag ids that were created in constructor.

Parameters

diag_engine	LLVM/Clang DiagnosticsEngine instance
err_loc	Error location
kind	Kind of error to report

Default unexpected diagnostic id

No error ID: it should never occur

Access char data diag ID

Can't find a comment

Cannot match comment

Cannot generate request source file (no location)

Cannot generate request header file (no location)

Cannot generate request source file (already exists)

Cannot generate request header file (already exists)

Cannot generate request source file (create dir)

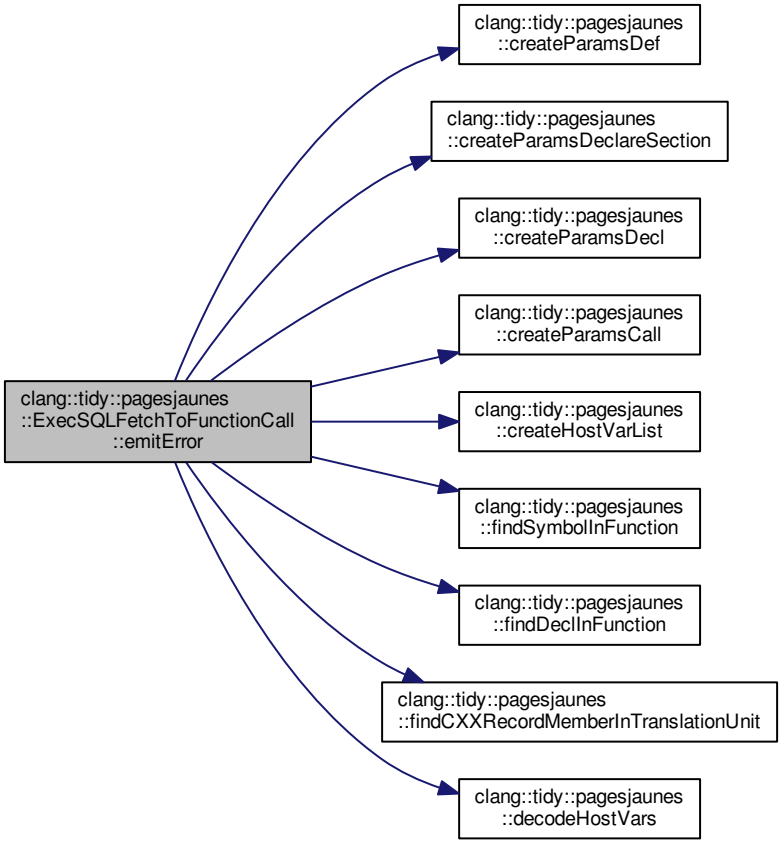
Cannot generate request header file (no location)

Unsupported String Literal charset

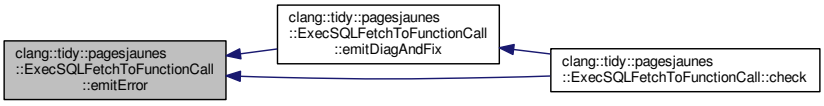
Invalid groups file error

Definition at line 630 of file ExecSQLFetchToFunctionCall.cpp.

Here is the call graph for this function:



Here is the caller graph for this function:



7.22.5.4 registerMatchers()

```
void clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::registerMatchers (
            ast_matchers::MatchFinder * ) [override]
```

Register the ASTMatcher that will found nodes we are interested in.

registerMatchers

This method register 1 matcher for each oracle ProC generated statement to rewrite. The matcher bind elements we will use, for detecting the found statement we want to rewrite , and for writing new code.

Parameters

Finder	the recursive visitor that will use our matcher for sending us AST node.

Definition at line 333 of file ExecSQLFetchToFunctionCall.cpp.

7.22.5.5 registerPPCallbacks()

```
void clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::registerPPCallbacks (
            CompilerInstance & compiler ) [override]
```

Register callback for intercepting all pre-processor actions.

ExecSQLFetchToFunctionCall::registerPPCallbacks

Allows to register a callback for executing our actions at every C/C++ pre-processor processing. Thanks to this callback we will collect all string literal macro expansions.

Parameters

in	*compiler*	the compiler instance we will intercept

Definition at line 357 of file ExecSQLFetchToFunctionCall.cpp.

7.22.5.6 storeOptions()

```
void clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::storeOptions (
            ClangTidyOptions::OptionMap & Opts ) [override]
```

Store options for this check.

storeOptions

This check support one option for customizing comment regex

- Generate-requests-headers
- Generate-requests-sources
- Generation-directory
- Generation-header-template
- Generation-source-template
- Generation-request-groups
- Generation-simplify-function-args

Parameters

Opts	The option map in which to store supported options

Definition at line 291 of file ExecSQLFetchToFunctionCall.cpp.

7.22.6 Member Data Documentation

7.22.6.1 m_req_var_decl_collector

```
std::vector<struct clang::tidy::pagesjaunes::VarDeclMatchRecord *> clang::tidy::pagesjaunes↩
::ExecSQLFetchToFunctionCall::m_req_var_decl_collector  [protected]
```

Definition at line 171 of file ExecSQLFetchToFunctionCall.h.

7.22.6.2 TidyContext

```
ClangTidyContext* clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::TidyContext
```

Definition at line 62 of file ExecSQLFetchToFunctionCall.h.

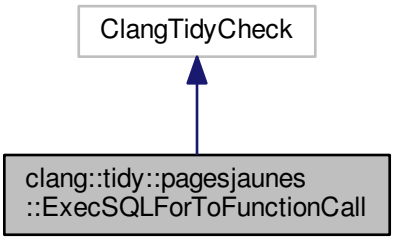
The documentation for this class was generated from the following files:

- ExecSQLFetchToFunctionCall.h
- ExecSQLFetchToFunctionCall.cpp

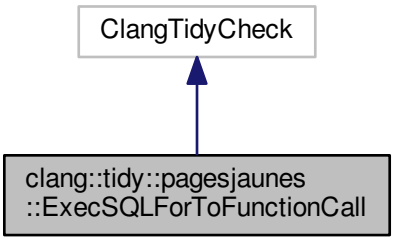
7.23 clang::tidy::pagesjaunes::ExecSQLForToFunctionCall Class Reference

`#include <ExecSQLForToFunctionCall.h>`

Inheritance diagram for clang::tidy::pagesjaunes::ExecSQLForToFunctionCall:



Collaboration diagram for clang::tidy::pagesjaunes::ExecSQLForToFunctionCall:



Classes

- struct AssignmentRecord
- struct ReqFmtRecord
- class SourceRangeBefore
- class SourceRangeForStringLiterals
- struct StringLiteralRecord

Public Types

- using source_range_set_t = std::multiset< SourceRangeForStringLiterals, SourceRangeBefore >

Public Member Functions

- ExecSQLForToFunctionCall (StringRef, ClangTidyContext ∗)

  Constructor for the ExecSQLForToFunctionCall rewriting check.
- void storeOptions (ClangTidyOptions::OptionMap &Opts) override

  Store options for this check.
- void registerMatchers (ast_matchers::MatchFinder ∗) override

  Register the ASTMatcher that will found nodes we are interested in.
- void registerPPCallbacks (CompilerInstance &Compiler) override

  Register callback for intercepting all pre-processor actions.
- void check (const ast_matchers::MatchFinder::MatchResult &) override

  This method is called each time a visited AST node matching our ASTMatcher is found.

Public Attributes

- ClangTidyContext ∗ TidyContext

Protected Attributes

- std::vector< struct StringLiteralRecord ∗ > m_req_copy_collector
- std::vector< struct AssignmentRecord ∗ > m_req_assign_collector
- std::vector< struct ReqFmtRecord ∗ > m_req_fmt_collector

7.23.1 Detailed Description

Definition at line 27 of file ExecSQLForToFunctionCall.h.

7.23.2 Member Typedef Documentation

7.23.2.1 source_range_set_t

```
using clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::source_range_set_t = std::multiset<Source↩
RangeForStringLiterals, SourceRangeBefore>
```

Definition at line 87 of file ExecSQLForToFunctionCall.h.

7.23.3 Constructor & Destructor Documentation

7.23.3.1 ExecSQLForToFunctionCall()

```
clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::ExecSQLForToFunctionCall (
            StringRef Name,
            ClangTidyContext * Context )
```

Constructor for the ExecSQLForToFunctionCall rewriting check.

ExecSQLForToFunctionCall constructor

The rule is created a new check using its `ClangTidyCheck` base class. Name and context are provided and stored locally. Some diag ids corresponding to errors handled by rule are created:

- unexpected_diag_id: Unexpected error
- no_error_diag_id: No error
- access_char_data_diag_id: Couldn't access memory buffer for comment (unexpected)
- cant_find_comment_diag_id: Comment not available (unexpected)
- comment_dont_match_diag_id: Invalid comment structure (unexpected)
- source_generation_failure_diag_id: Request source file generation failed (unexpected)
- header_generation_failure_diag_id: Request header file generation failed (unexpected)

Parameters

Name	A StringRef for the new check name
Context	The ClangTidyContext allowing to access other contextsInit check (super class) Init our TidyContext instance Request grouping option: Filename containing a json map for a group name indexing a vector of requests name

Definition at line 127 of file ExecSQLForToFunctionCall.cpp.

7.23.4 Member Function Documentation

7.23.4.1 check()

```
void clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::check (
            const ast_matchers::MatchFinder::MatchResult &  )  [override]
```

This method is called each time a visited AST node matching our ASTMatcher is found.

check

This method will navigated and inspect the found AST nodes for:

- determining if the found nodes are elligible for rewrite
- extracting all necessary informations for computing rewrite location and code (find ProC generated comment)

Parameters

Result	The match result provided by the recursive visitor allowing us to access AST nodes bound to variables

Definition at line 899 of file ExecSQLForToFunctionCall.cpp.

7.23.4.2 registerMatchers()

```
void clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::registerMatchers (
            ast_matchers::MatchFinder *  )  [override]
```

Register the ASTMatcher that will found nodes we are interested in.

registerMatchers

This method register 1 matcher for each oracle ProC generated statement to rewrite. The matcher bind elements we will use, for detecting the found statement we want to rewrite , and for writing new code.

Parameters

Finder	the recursive visitor that will use our matcher for sending us AST node.

Definition at line 541 of file ExecSQLForToFunctionCall.cpp.

7.23.4.3 registerPPCallbacks()

```
void clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::registerPPCallbacks (
            CompilerInstance & compiler )  [override]
```

Register callback for intercepting all pre-processor actions.

ExecSQLForToFunctionCall::registerPPCallbacks

Allows to register a callback for executing our actions at every C/C++ pre-processor processing. Thanks to this callback we will collect all string literal macro expansions.

Parameters

in	*compiler*	the compiler instance we will intercept

Definition at line 562 of file ExecSQLForToFunctionCall.cpp.

7.23.4.4 storeOptions()

```
void clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::storeOptions (
            ClangTidyOptions::OptionMap & Opts )  [override]
```

Store options for this check.

storeOptions

This check support one option for customizing comment regex

- Generate-requests-headers
- Generate-requests-sources
- Generation-directory
- Generation-header-template
- Generation-source-template
- Generation-request-groups
- Generation-simplify-function-args

Parameters

Opts	The option map in which to store supported options

Definition at line 515 of file ExecSQLForToFunctionCall.cpp.

7.23.5 Member Data Documentation

7.23.5.1 m_req_assign_collector

```
std::vector<struct AssignmentRecord *> clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::m↩
_req_assign_collector  [protected]
```

Definition at line 174 of file ExecSQLForToFunctionCall.h.

7.23.5.2 m_req_copy_collector

```
std::vector<struct StringLiteralRecord *> clang::tidy::pagesjaunes::ExecSQLForToFunctionCall↩
::m_req_copy_collector  [protected]
```

Definition at line 117 of file ExecSQLForToFunctionCall.h.

7.23.5.3 m_req_fmt_collector

```
std::vector<struct ReqFmtRecord *> clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::m_req↩
_fmt_collector  [protected]
```

Definition at line 223 of file ExecSQLForToFunctionCall.h.

7.23.5.4 TidyContext

```
ClangTidyContext* clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::TidyContext
```

Definition at line 31 of file ExecSQLForToFunctionCall.h.

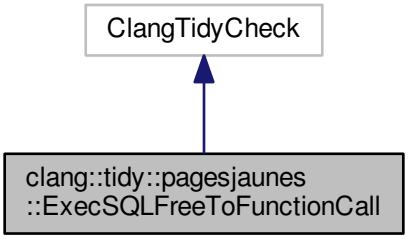
The documentation for this class was generated from the following files:

- ExecSQLForToFunctionCall.h
- ExecSQLForToFunctionCall.cpp

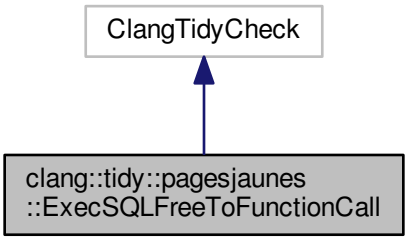
7.24 clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall Class Reference

```
#include <ExecSQLFreeToFunctionCall.h>
```

Inheritance diagram for clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall:



Collaboration diagram for clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall:



Classes

- struct AssignmentRecord
- struct ReqFmtRecord
- class SourceRangeBefore
- class SourceRangeForStringLiterals
- struct StringLiteralRecord

Public Types

- using source_range_set_t = std::multiset< SourceRangeForStringLiterals, SourceRangeBefore >

Public Member Functions

- ExecSQLFreeToFunctionCall (StringRef, ClangTidyContext *)

  Constructor for the ExecSQLFreeToFunctionCall rewriting check.
- void storeOptions (ClangTidyOptions::OptionMap &Opts) override

  Store options for this check.
- void registerMatchers (ast_matchers::MatchFinder *) override

  Register the ASTMatcher that will found nodes we are interested in.
- void registerPPCallbacks (CompilerInstance &Compiler) override

  Register callback for intercepting all pre-processor actions.
- void check (const ast_matchers::MatchFinder::MatchResult &) override

  This method is called each time a visited AST node matching our ASTMatcher is found.

Public Attributes

- ClangTidyContext * TidyContext

Protected Attributes

- std::vector< struct StringLiteralRecord * > m_req_copy_collector
- std::vector< struct AssignmentRecord * > m_req_assign_collector
- std::vector< struct ReqFmtRecord * > m_req_fmt_collector

7.24.1 Detailed Description

Definition at line 27 of file ExecSQLFreeToFunctionCall.h.

7.24.2 Member Typedef Documentation

7.24.2.1 source_range_set_t

```
using clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::source_range_set_t = std::multiset<Source↩
RangeForStringLiterals, SourceRangeBefore>
```

Definition at line 87 of file ExecSQLFreeToFunctionCall.h.

7.24.3 Constructor & Destructor Documentation

7.24.3.1 ExecSQLFreeToFunctionCall()

```
clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::ExecSQLFreeToFunctionCall (
            StringRef Name,
            ClangTidyContext * Context )
```

Constructor for the ExecSQLFreeToFunctionCall rewriting check.

ExecSQLFreeToFunctionCall constructor

The rule is created a new check using its `ClangTidyCheck` base class. Name and context are provided and stored locally. Some diag ids corresponding to errors handled by rule are created:

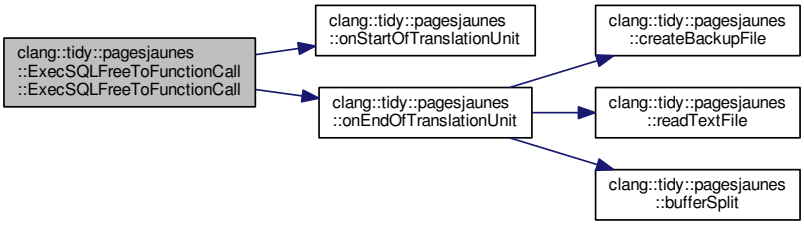
- unexpected_diag_id: Unexpected error
- no_error_diag_id: No error
- access_char_data_diag_id: Couldn't access memory buffer for comment (unexpected)
- cant_find_comment_diag_id: Comment not available (unexpected)
- comment_dont_match_diag_id: Invalid comment structure (unexpected)
- source_generation_failure_diag_id: Request source file generation failed (unexpected)
- header_generation_failure_diag_id: Request header file generation failed (unexpected)

Parameters

Name	A StringRef for the new check name
Context	The ClangTidyContext allowing to access other contextsInit check (super class) Init our TidyContext instance Request grouping option: Filename containing a json map for a group name indexing a vector of requests name

Definition at line 129 of file ExecSQLFreeToFunctionCall.cpp.

Here is the call graph for this function:



7.24.4 Member Function Documentation

7.24.4.1 check()

```
void clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::check (
            const ast_matchers::MatchFinder::MatchResult &  )  [override]
```

This method is called each time a visited AST node matching our ASTMatcher is found.

check

This method will navigated and inspect the found AST nodes for:

- determining if the found nodes are elligible for rewrite
- extracting all necessary informations for computing rewrite location and code (find ProC generated comment)

Parameters

Result	The match result provided by the recursive visitor allowing us to access AST nodes bound to variables

Definition at line 622 of file ExecSQLFreeToFunctionCall.cpp.

7.24.4.2 registerMatchers()

```
void clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::registerMatchers (
            ast_matchers::MatchFinder *  )  [override]
```

Register the ASTMatcher that will found nodes we are interested in.

registerMatchers

This method register 1 matcher for each oracle ProC generated statement to rewrite. The matcher bind elements we will use, for detecting the found statement we want to rewrite , and for writing new code.

Parameters

Finder	the recursive visitor that will use our matcher for sending us AST node.

Definition at line 264 of file ExecSQLFreeToFunctionCall.cpp.

7.24.4.3 registerPPCallbacks()

```
void clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::registerPPCallbacks (
            CompilerInstance & compiler )  [override]
```

Register callback for intercepting all pre-processor actions.

ExecSQLFreeToFunctionCall::registerPPCallbacks

Allows to register a callback for executing our actions at every C/C++ pre-processor processing. Thanks to this callback we will collect all string literal macro expansions.

Parameters

in	*compiler*	the compiler instance we will intercept

Definition at line 285 of file ExecSQLFreeToFunctionCall.cpp.

7.24.4.4 storeOptions()

```
void clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::storeOptions (
            ClangTidyOptions::OptionMap & Opts )  [override]
```

Store options for this check.

storeOptions

This check support one option for customizing comment regex

- Generate-requests-headers
- Generate-requests-sources
- Generation-directory
- Generation-header-template
- Generation-source-template
- Generation-request-groups

Parameters

Opts	The option map in which to store supported options

Definition at line 237 of file ExecSQLFreeToFunctionCall.cpp.

7.24.5 Member Data Documentation

7.24.5.1 m_req_assign_collector

```
std::vector<struct AssignmentRecord *> clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall↩
::m_req_assign_collector  [protected]
```

Definition at line 174 of file ExecSQLFreeToFunctionCall.h.

7.24.5.2 m_req_copy_collector

```
std::vector<struct StringLiteralRecord *> clang::tidy::pagesjaunes::ExecSQLFreeToFunction↩
Call::m_req_copy_collector  [protected]
```

Definition at line 117 of file ExecSQLFreeToFunctionCall.h.

7.24.5.3 m_req_fmt_collector

```
std::vector<struct ReqFmtRecord *> clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::m_↩
req_fmt_collector  [protected]
```

Definition at line 223 of file ExecSQLFreeToFunctionCall.h.

7.24.5.4 TidyContext

```
ClangTidyContext* clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::TidyContext
```

Definition at line 31 of file ExecSQLFreeToFunctionCall.h.

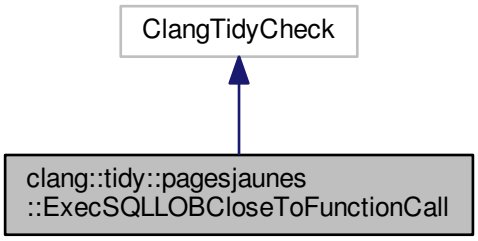
The documentation for this class was generated from the following files:

- ExecSQLFreeToFunctionCall.h
- ExecSQLFreeToFunctionCall.cpp

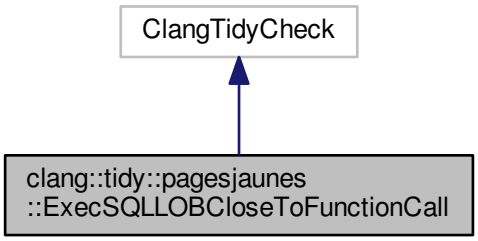
7.25 clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall Class Reference

`#include <ExecSQLLOBCloseToFunctionCall.h>`

Inheritance diagram for clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall:



Collaboration diagram for clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall:



Classes

- struct AssignmentRecord
- struct ReqFmtRecord
- class SourceRangeBefore
- class SourceRangeForStringLiterals
- struct StringLiteralRecord

Public Types

- using source_range_set_t = std::multiset< SourceRangeForStringLiterals, SourceRangeBefore >

Public Member Functions

- ExecSQLLOBCloseToFunctionCall (StringRef, ClangTidyContext ∗)

  Constructor for the ExecSQLLOBCloseToFunctionCall rewriting check.
- void storeOptions (ClangTidyOptions::OptionMap &Opts) override

  Store options for this check.
- void registerMatchers (ast_matchers::MatchFinder ∗) override

  Register the ASTMatcher that will found nodes we are interested in.
- void registerPPCallbacks (CompilerInstance &Compiler) override

  Register callback for intercepting all pre-processor actions.
- void check (const ast_matchers::MatchFinder::MatchResult &) override

  This method is called each time a visited AST node matching our ASTMatcher is found.
- void onStartOfTranslationUnit ()

  called at start of processing of translation unit
- void onEndOfTranslationUnit ()

  called at end of processing of translation unit

Public Attributes

- ClangTidyContext ∗ TidyContext

Protected Attributes

- std::vector< struct StringLiteralRecord ∗ > m_req_copy_collector
- std::vector< struct AssignmentRecord ∗ > m_req_assign_collector
- std::vector< struct ReqFmtRecord ∗ > m_req_fmt_collector

7.25.1 Detailed Description

Definition at line 27 of file ExecSQLLOBCloseToFunctionCall.h.

7.25.2 Member Typedef Documentation

7.25.2.1 source_range_set_t

```
using clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::source_range_set_t = std↩
::multiset<SourceRangeForStringLiterals, SourceRangeBefore>
```

Definition at line 117 of file ExecSQLLOBCloseToFunctionCall.h.

7.25.3 Constructor & Destructor Documentation

7.25.3.1 ExecSQLLOBCloseToFunctionCall()

```
clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::ExecSQLLOBCloseToFunctionCall (
            StringRef Name,
            ClangTidyContext * Context )
```

Constructor for the ExecSQLLOBCloseToFunctionCall rewriting check.

ExecSQLLOBCloseToFunctionCall constructor

The rule is freed a new check using its `ClangTidyCheck` base class. Name and context are provided and stored locally. Some diag ids corresponding to errors handled by rule are freed:

- unexpected_diag_id: Unexpected error
- no_error_diag_id: No error
- access_char_data_diag_id: Couldn't access memory buffer for comment (unexpected)
- cant_find_comment_diag_id: Comment not available (unexpected)
- comment_dont_match_diag_id: Invalid comment structure (unexpected)
- source_generation_failure_diag_id: Request source file generation failed (unexpected)
- header_generation_failure_diag_id: Request header file generation failed (unexpected)

Parameters

Name	A StringRef for the new check name
Context	The ClangTidyContext allowing to access other contextsInit check (super class) Init our TidyContext instance Request grouping option: Filename containing a json map for a group name indexing a vector of requests name

Definition at line 129 of file ExecSQLLOBCloseToFunctionCall.cpp.

7.25.4 Member Function Documentation

7.25.4.1 check()

```
void clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::check (
            const ast_matchers::MatchFinder::MatchResult &  )  [override]
```

This method is called each time a visited AST node matching our ASTMatcher is found.

check

This method will navigated and inspect the found AST nodes for:

- determining if the found nodes are elligible for rewrite
- extracting all necessary informations for computing rewrite location and code (find ProC generated comment)

Parameters

Result	The match result provided by the recursive visitor allowing us to access AST nodes bound to variables

Definition at line 623 of file ExecSQLLOBCloseToFunctionCall.cpp.

7.25.4.2 onEndOfTranslationUnit()

```
void clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::onEndOfTranslationUnit ( )
```

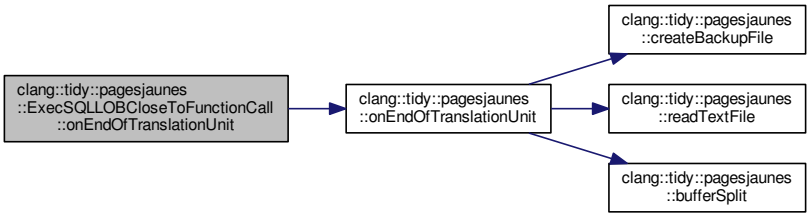
called at end of processing of translation unit

onEndOfTranslationUnit

Override to be called at end of translation unit

Definition at line 215 of file ExecSQLLOBCloseToFunctionCall.cpp.

Here is the call graph for this function:



7.25.4.3 onStartOfTranslationUnit()

```
void clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::onStartOfTranslationUnit ( )
```

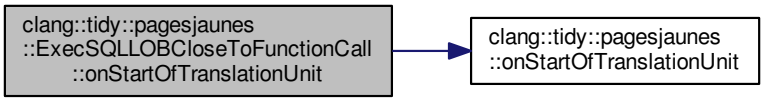
called at start of processing of translation unit

onStartOfTranslationUnit

Override to be called at start of translation unit

Definition at line 202 of file ExecSQLLOBCloseToFunctionCall.cpp.

Here is the call graph for this function:



7.25.4.4 registerMatchers()

```
void clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::registerMatchers (
            ast_matchers::MatchFinder *  )  [override]
```

Register the ASTMatcher that will found nodes we are interested in.

registerMatchers

This method register 1 matcher for each oracle ProC generated statement to rewrite. The matcher bind elements we will use, for detecting the found statement we want to rewrite , and for writing new code.

Parameters

Finder	the recursive visitor that will use our matcher for sending us AST node.

Definition at line 265 of file ExecSQLLOBCloseToFunctionCall.cpp.

7.25.4.5 registerPPCallbacks()

```
void clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::registerPPCallbacks (
            CompilerInstance & compiler )  [override]
```

Register callback for intercepting all pre-processor actions.

ExecSQLLOBCloseToFunctionCall::registerPPCallbacks

Allows to register a callback for executing our actions at every C/C++ pre-processor processing. Thanks to this callback we will collect all string literal macro expansions.

Parameters

in	*compiler*	the compiler instance we will intercept

Definition at line 286 of file ExecSQLLOBCloseToFunctionCall.cpp.

7.25.4.6 storeOptions()

```
void clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::storeOptions (
            ClangTidyOptions::OptionMap & Opts )  [override]
```

Store options for this check.

storeOptions

This check support one option for customizing comment regex

- Generate-requests-headers
- Generate-requests-sources
- Generation-directory
- Generation-header-template
- Generation-source-template
- Generation-request-groups

Parameters

Opts	The option map in which to store supported options

Definition at line 238 of file ExecSQLLOBCloseToFunctionCall.cpp.

7.25.5 Member Data Documentation

7.25.5.1 m_req_assign_collector

```
std::vector<struct AssignmentRecord *> clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunction↩
Call::m_req_assign_collector  [protected]
```

Definition at line 192 of file ExecSQLLOBCloseToFunctionCall.h.

7.25.5.2 m_req_copy_collector

```
std::vector<struct StringLiteralRecord *> clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunction↩
Call::m_req_copy_collector  [protected]
```

Definition at line 135 of file ExecSQLLOBCloseToFunctionCall.h.

7.25.5.3 m_req_fmt_collector

```
std::vector<struct ReqFmtRecord *> clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall↩
::m_req_fmt_collector  [protected]
```

Definition at line 241 of file ExecSQLLOBCloseToFunctionCall.h.

7.25.5.4 TidyContext

```
ClangTidyContext* clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::TidyContext
```

Definition at line 31 of file ExecSQLLOBCloseToFunctionCall.h.

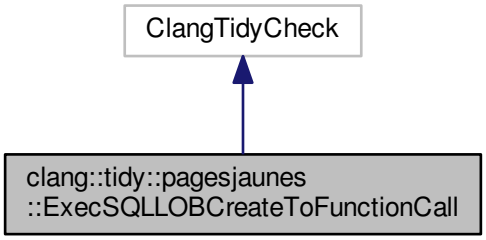
The documentation for this class was generated from the following files:

- ExecSQLLOBCloseToFunctionCall.h
- ExecSQLLOBCloseToFunctionCall.cpp

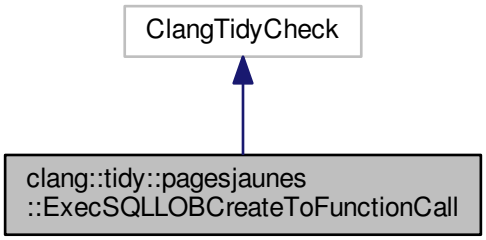
7.26 clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall Class Reference

```
#include <ExecSQLLOBCreateToFunctionCall.h>
```

Inheritance diagram for clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall:



Collaboration diagram for clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall:



Classes

- struct AssignmentRecord
- struct ReqFmtRecord
- class SourceRangeBefore
- class SourceRangeForStringLiterals
- struct StringLiteralRecord

Public Types

- using source_range_set_t = std::multiset< SourceRangeForStringLiterals, SourceRangeBefore >

Public Member Functions

- ExecSQLLOBCreateToFunctionCall (StringRef, ClangTidyContext *)

  Constructor for the ExecSQLLOBCreateToFunctionCall rewriting check.
- void storeOptions (ClangTidyOptions::OptionMap &Opts) override

  Store options for this check.
- void registerMatchers (ast_matchers::MatchFinder *) override

  Register the ASTMatcher that will found nodes we are interested in.
- void registerPPCallbacks (CompilerInstance &Compiler) override

  Register callback for intercepting all pre-processor actions.
- void check (const ast_matchers::MatchFinder::MatchResult &) override

  This method is called each time a visited AST node matching our ASTMatcher is found.

Public Attributes

- ClangTidyContext * TidyContext

Protected Attributes

- std::vector< struct StringLiteralRecord * > m_req_copy_collector
- std::vector< struct AssignmentRecord * > m_req_assign_collector
- std::vector< struct ReqFmtRecord * > m_req_fmt_collector

7.26.1 Detailed Description

Definition at line 27 of file ExecSQLLOBCreateToFunctionCall.h.

7.26.2 Member Typedef Documentation

7.26.2.1 source_range_set_t

```
using clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::source_range_set_t = std↩
::multiset<SourceRangeForStringLiterals, SourceRangeBefore>
```

Definition at line 87 of file ExecSQLLOBCreateToFunctionCall.h.

7.26.3 Constructor & Destructor Documentation

7.26.3.1 ExecSQLLOBCreateToFunctionCall()

```
clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::ExecSQLLOBCreateToFunctionCall (
            StringRef Name,
            ClangTidyContext * Context )
```

Constructor for the ExecSQLLOBCreateToFunctionCall rewriting check.

ExecSQLLOBCreateToFunctionCall constructor

The rule is created a new check using its `ClangTidyCheck` base class. Name and context are provided and stored locally. Some diag ids corresponding to errors handled by rule are created:

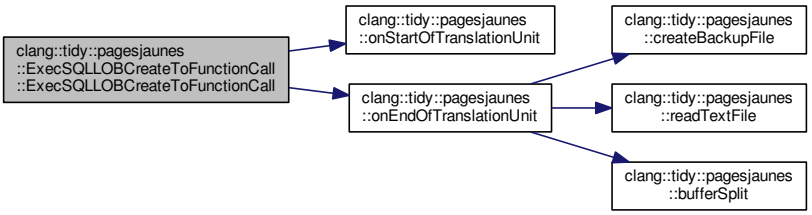
- unexpected_diag_id: Unexpected error
- no_error_diag_id: No error
- access_char_data_diag_id: Couldn't access memory buffer for comment (unexpected)
- cant_find_comment_diag_id: Comment not available (unexpected)
- comment_dont_match_diag_id: Invalid comment structure (unexpected)
- source_generation_failure_diag_id: Request source file generation failed (unexpected)
- header_generation_failure_diag_id: Request header file generation failed (unexpected)

Parameters

Name	A StringRef for the new check name
Context	The ClangTidyContext allowing to access other contextsInit check (super class) Init our TidyContext instance Request grouping option: Filename containing a json map for a group name indexing a vector of requests name

Definition at line 129 of file ExecSQLLOBCreateToFunctionCall.cpp.

Here is the call graph for this function:



7.26.4 Member Function Documentation

7.26.4.1 check()

```
void clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::check (
            const ast_matchers::MatchFinder::MatchResult &  )  [override]
```

This method is called each time a visited AST node matching our ASTMatcher is found.

check

This method will navigated and inspect the found AST nodes for:

- determining if the found nodes are elligible for rewrite
- extracting all necessary informations for computing rewrite location and code (find ProC generated comment)

Parameters

Result	The match result provided by the recursive visitor allowing us to access AST nodes bound to variables

Definition at line 620 of file ExecSQLLOBCreateToFunctionCall.cpp.

7.26.4.2 registerMatchers()

```
void clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::registerMatchers (
            ast_matchers::MatchFinder *  )  [override]
```

Register the ASTMatcher that will found nodes we are interested in.

registerMatchers

This method register 1 matcher for each oracle ProC generated statement to rewrite. The matcher bind elements we will use, for detecting the found statement we want to rewrite , and for writing new code.

Parameters

Finder	the recursive visitor that will use our matcher for sending us AST node.

Definition at line 264 of file ExecSQLLOBCreateToFunctionCall.cpp.

7.26.4.3 registerPPCallbacks()

```
void clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::registerPPCallbacks (
            CompilerInstance & compiler )  [override]
```

Register callback for intercepting all pre-processor actions.

ExecSQLLOBCreateToFunctionCall::registerPPCallbacks

Allows to register a callback for executing our actions at every C/C++ pre-processor processing. Thanks to this callback we will collect all string literal macro expansions.

Parameters

in	*compiler*	the compiler instance we will intercept

Definition at line 285 of file ExecSQLLOBCreateToFunctionCall.cpp.

7.26.4.4 storeOptions()

```
void clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::storeOptions (
            ClangTidyOptions::OptionMap & Opts )  [override]
```

Store options for this check.

storeOptions

This check support one option for customizing comment regex

- Generate-requests-headers
- Generate-requests-sources
- Generation-directory
- Generation-header-template
- Generation-source-template
- Generation-request-groups

Parameters

Opts	The option map in which to store supported options

Definition at line 237 of file ExecSQLLOBCreateToFunctionCall.cpp.

7.26.5 Member Data Documentation

7.26.5.1 m_req_assign_collector

```
std::vector<struct AssignmentRecord *> clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunction↩
Call::m_req_assign_collector  [protected]
```

Definition at line 174 of file ExecSQLLOBCreateToFunctionCall.h.

7.26.5.2 m_req_copy_collector

```
std::vector<struct StringLiteralRecord *> clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunction↩
Call::m_req_copy_collector  [protected]
```

Definition at line 117 of file ExecSQLLOBCreateToFunctionCall.h.

7.26.5.3 m_req_fmt_collector

```
std::vector<struct ReqFmtRecord *> clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall↩
::m_req_fmt_collector  [protected]
```

Definition at line 223 of file ExecSQLLOBCreateToFunctionCall.h.

7.26.5.4 TidyContext

```
ClangTidyContext* clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::TidyContext
```

Definition at line 31 of file ExecSQLLOBCreateToFunctionCall.h.

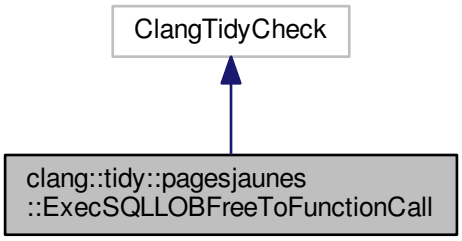
The documentation for this class was generated from the following files:

- ExecSQLLOBCreateToFunctionCall.h
- ExecSQLLOBCreateToFunctionCall.cpp

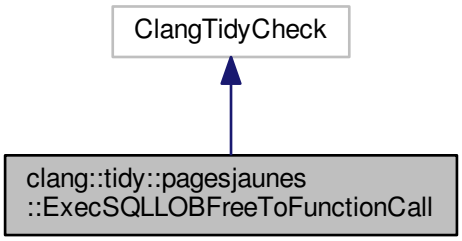
7.27 clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall Class Reference

`#include <ExecSQLLOBFreeToFunctionCall.h>`

Inheritance diagram for clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall:



Collaboration diagram for clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall:



Classes

- struct AssignmentRecord
- struct ReqFmtRecord
- class SourceRangeBefore
- class SourceRangeForStringLiterals
- struct StringLiteralRecord

Public Types

- using source_range_set_t = std::multiset< SourceRangeForStringLiterals, SourceRangeBefore >

Public Member Functions

- ExecSQLLOBFreeToFunctionCall (StringRef, ClangTidyContext *)

  Constructor for the ExecSQLLOBFreeToFunctionCall rewriting check.
- void storeOptions (ClangTidyOptions::OptionMap &Opts) override

  Store options for this check.
- void registerMatchers (ast_matchers::MatchFinder *) override

  Register the ASTMatcher that will found nodes we are interested in.
- void registerPPCallbacks (CompilerInstance &Compiler) override

  Register callback for intercepting all pre-processor actions.
- void check (const ast_matchers::MatchFinder::MatchResult &) override

  This method is called each time a visited AST node matching our ASTMatcher is found.

Public Attributes

- ClangTidyContext * TidyContext

Protected Attributes

- std::vector< struct StringLiteralRecord * > m_req_copy_collector
- std::vector< struct AssignmentRecord * > m_req_assign_collector
- std::vector< struct ReqFmtRecord * > m_req_fmt_collector

7.27.1 Detailed Description

Definition at line 27 of file ExecSQLLOBFreeToFunctionCall.h.

7.27.2 Member Typedef Documentation

7.27.2.1 source_range_set_t

```
using clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::source_range_set_t = std::multiset<Source↩
RangeForStringLiterals, SourceRangeBefore>
```

Definition at line 87 of file ExecSQLLOBFreeToFunctionCall.h.

7.27.3 Constructor & Destructor Documentation

7.27.3.1 ExecSQLLOBFreeToFunctionCall()

```
clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::ExecSQLLOBFreeToFunctionCall (
            StringRef Name,
            ClangTidyContext * Context )
```

Constructor for the ExecSQLLOBFreeToFunctionCall rewriting check.

ExecSQLLOBFreeToFunctionCall constructor

The rule is freed a new check using its `ClangTidyCheck` base class. Name and context are provided and stored locally. Some diag ids corresponding to errors handled by rule are freed:

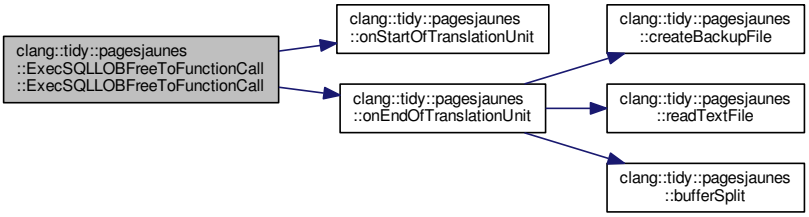
- unexpected_diag_id: Unexpected error
- no_error_diag_id: No error
- access_char_data_diag_id: Couldn't access memory buffer for comment (unexpected)
- cant_find_comment_diag_id: Comment not available (unexpected)
- comment_dont_match_diag_id: Invalid comment structure (unexpected)
- source_generation_failure_diag_id: Request source file generation failed (unexpected)
- header_generation_failure_diag_id: Request header file generation failed (unexpected)

Parameters

Name	A StringRef for the new check name
Context	The ClangTidyContext allowing to access other contextsInit check (super class) Init our TidyContext instance Request grouping option: Filename containing a json map for a group name indexing a vector of requests name

Definition at line 129 of file ExecSQLLOBFreeToFunctionCall.cpp.

Here is the call graph for this function:



7.27.4 Member Function Documentation

7.27.4.1 check()

```
void clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::check (
            const ast_matchers::MatchFinder::MatchResult &  )  [override]
```

This method is called each time a visited AST node matching our ASTMatcher is found.

check

This method will navigated and inspect the found AST nodes for:

- determining if the found nodes are elligible for rewrite
- extracting all necessary informations for computing rewrite location and code (find ProC generated comment)

Parameters

Result	The match result provided by the recursive visitor allowing us to access AST nodes bound to variables

Definition at line 624 of file ExecSQLLOBFreeToFunctionCall.cpp.

7.27.4.2 registerMatchers()

```
void clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::registerMatchers (
            ast_matchers::MatchFinder *  )  [override]
```

Register the ASTMatcher that will found nodes we are interested in.

registerMatchers

This method register 1 matcher for each oracle ProC generated statement to rewrite. The matcher bind elements we will use, for detecting the found statement we want to rewrite , and for writing new code.

Parameters

Finder	the recursive visitor that will use our matcher for sending us AST node.

Definition at line 265 of file ExecSQLLOBFreeToFunctionCall.cpp.

7.27.4.3 registerPPCallbacks()

```
void clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::registerPPCallbacks (
            CompilerInstance & compiler )  [override]
```

Register callback for intercepting all pre-processor actions.

ExecSQLLOBFreeToFunctionCall::registerPPCallbacks

Allows to register a callback for executing our actions at every C/C++ pre-processor processing. Thanks to this callback we will collect all string literal macro expansions.

Parameters

in	*compiler*	the compiler instance we will intercept

Definition at line 286 of file ExecSQLLOBFreeToFunctionCall.cpp.

7.27.4.4 storeOptions()

```
void clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::storeOptions (
            ClangTidyOptions::OptionMap & Opts )  [override]
```

Store options for this check.

storeOptions

This check support one option for customizing comment regex

- Generate-requests-headers
- Generate-requests-sources
- Generation-directory
- Generation-header-template
- Generation-source-template
- Generation-request-groups

Parameters

Opts	The option map in which to store supported options

Definition at line 238 of file ExecSQLLOBFreeToFunctionCall.cpp.

7.27.5 Member Data Documentation

7.27.5.1 m_req_assign_collector

```
std::vector<struct AssignmentRecord *> clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunction↩
Call::m_req_assign_collector  [protected]
```

Definition at line 174 of file ExecSQLLOBFreeToFunctionCall.h.

7.27.5.2 m_req_copy_collector

```
std::vector<struct StringLiteralRecord *> clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunction↩
Call::m_req_copy_collector  [protected]
```

Definition at line 117 of file ExecSQLLOBFreeToFunctionCall.h.

7.27.5.3 m_req_fmt_collector

```
std::vector<struct ReqFmtRecord *> clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::m↩
_req_fmt_collector  [protected]
```

Definition at line 223 of file ExecSQLLOBFreeToFunctionCall.h.

7.27.5.4 TidyContext

```
ClangTidyContext* clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::TidyContext
```

Definition at line 31 of file ExecSQLLOBFreeToFunctionCall.h.

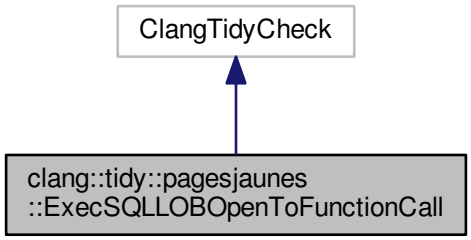
The documentation for this class was generated from the following files:

- ExecSQLLOBFreeToFunctionCall.h
- ExecSQLLOBFreeToFunctionCall.cpp

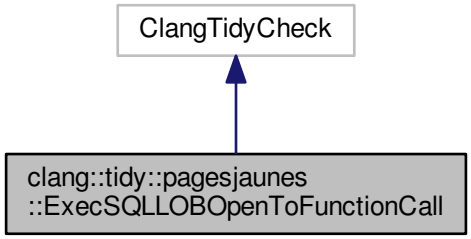
7.28 clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall Class Reference

```
#include <ExecSQLLOBOpenToFunctionCall.h>
```

Inheritance diagram for clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall:



Collaboration diagram for clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall:



Classes

- struct AssignmentRecord
- struct ReqFmtRecord
- class SourceRangeBefore
- class SourceRangeForStringLiterals
- struct StringLiteralRecord

Public Types

- using source_range_set_t = std::multiset< SourceRangeForStringLiterals, SourceRangeBefore >

Public Member Functions

- ExecSQLLOBOpenToFunctionCall (StringRef, ClangTidyContext *)

  Constructor for the ExecSQLLOBOpenToFunctionCall rewriting check.
- void storeOptions (ClangTidyOptions::OptionMap &Opts) override

  Store options for this check.
- void registerMatchers (ast_matchers::MatchFinder *) override

  Register the ASTMatcher that will found nodes we are interested in.
- void registerPPCallbacks (CompilerInstance &Compiler) override

  Register callback for intercepting all pre-processor actions.
- void check (const ast_matchers::MatchFinder::MatchResult &) override

  This method is called each time a visited AST node matching our ASTMatcher is found.

Public Attributes

- ClangTidyContext * TidyContext

Protected Attributes

- std::vector< struct StringLiteralRecord * > m_req_copy_collector
- std::vector< struct AssignmentRecord * > m_req_assign_collector
- std::vector< struct ReqFmtRecord * > m_req_fmt_collector

7.28.1 Detailed Description

Definition at line 27 of file ExecSQLLOBOpenToFunctionCall.h.

7.28.2 Member Typedef Documentation

7.28.2.1 source_range_set_t

```
using clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::source_range_set_t = std::multiset<Source↩
RangeForStringLiterals, SourceRangeBefore>
```

Definition at line 87 of file ExecSQLLOBOpenToFunctionCall.h.

7.28.3 Constructor & Destructor Documentation

7.28.3.1 ExecSQLLOBOpenToFunctionCall()

```
clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::ExecSQLLOBOpenToFunctionCall (
            StringRef Name,
            ClangTidyContext * Context )
```

Constructor for the ExecSQLLOBOpenToFunctionCall rewriting check.

ExecSQLLOBOpenToFunctionCall constructor

The rule is created a new check using its `ClangTidyCheck` base class. Name and context are provided and stored locally. Some diag ids corresponding to errors handled by rule are created:

- unexpected_diag_id: Unexpected error
- no_error_diag_id: No error
- access_char_data_diag_id: Couldn't access memory buffer for comment (unexpected)
- cant_find_comment_diag_id: Comment not available (unexpected)
- comment_dont_match_diag_id: Invalid comment structure (unexpected)
- source_generation_failure_diag_id: Request source file generation failed (unexpected)
- header_generation_failure_diag_id: Request header file generation failed (unexpected)

Parameters

Name	A StringRef for the new check name
Context	The ClangTidyContext allowing to access other contextsInit check (super class) Init our TidyContext instance Request grouping option: Filename containing a json map for a group name indexing a vector of requests name

Definition at line 127 of file ExecSQLLOBOpenToFunctionCall.cpp.

7.28.4 Member Function Documentation

7.28.4.1 check()

```
void clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::check (
            const ast_matchers::MatchFinder::MatchResult &  )  [override]
```

This method is called each time a visited AST node matching our ASTMatcher is found.

check

This method will navigated and inspect the found AST nodes for:

- determining if the found nodes are elligible for rewrite
- extracting all necessary informations for computing rewrite location and code (find ProC generated comment)

Parameters

Result	The match result provided by the recursive visitor allowing us to access AST nodes bound to variables

Definition at line 900 of file ExecSQLLOBOpenToFunctionCall.cpp.

7.28.4.2 registerMatchers()

```
void clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::registerMatchers (
            ast_matchers::MatchFinder *  )  [override]
```

Register the ASTMatcher that will found nodes we are interested in.

registerMatchers

This method register 1 matcher for each oracle ProC generated statement to rewrite. The matcher bind elements we will use, for detecting the found statement we want to rewrite , and for writing new code.

Parameters

Finder	the recursive visitor that will use our matcher for sending us AST node.

Definition at line 542 of file ExecSQLLOBOpenToFunctionCall.cpp.

7.28.4.3 registerPPCallbacks()

```
void clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::registerPPCallbacks (
            CompilerInstance & compiler )  [override]
```

Register callback for intercepting all pre-processor actions.

ExecSQLLOBOpenToFunctionCall::registerPPCallbacks

Allows to register a callback for executing our actions at every C/C++ pre-processor processing. Thanks to this callback we will collect all string literal macro expansions.

Parameters

in	*compiler*	the compiler instance we will intercept

Definition at line 563 of file ExecSQLLOBOpenToFunctionCall.cpp.

7.28.4.4 storeOptions()

```
void clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::storeOptions (
            ClangTidyOptions::OptionMap & Opts )  [override]
```

Store options for this check.

storeOptions

This check support one option for customizing comment regex

- Generate-requests-headers
- Generate-requests-sources
- Generation-directory
- Generation-header-template
- Generation-source-template
- Generation-request-groups

Parameters

Opts	The option map in which to store supported options

Definition at line 516 of file ExecSQLLOBOpenToFunctionCall.cpp.

7.28.5 Member Data Documentation

7.28.5.1 m_req_assign_collector

```
std::vector<struct AssignmentRecord *> clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunction↩
Call::m_req_assign_collector  [protected]
```

Definition at line 174 of file ExecSQLLOBOpenToFunctionCall.h.

7.28.5.2 m_req_copy_collector

```
std::vector<struct StringLiteralRecord *> clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunction↩
Call::m_req_copy_collector  [protected]
```

Definition at line 117 of file ExecSQLLOBOpenToFunctionCall.h.

7.28.5.3 m_req_fmt_collector

```
std::vector<struct ReqFmtRecord *> clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::m↩
_req_fmt_collector  [protected]
```

Definition at line 223 of file ExecSQLLOBOpenToFunctionCall.h.

7.28.5.4 TidyContext

```
ClangTidyContext* clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::TidyContext
```

Definition at line 31 of file ExecSQLLOBOpenToFunctionCall.h.

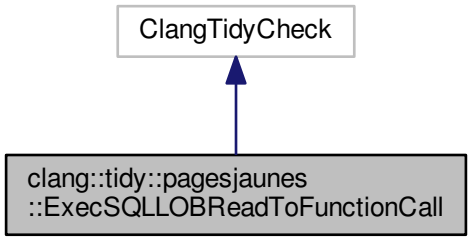
The documentation for this class was generated from the following files:

- ExecSQLLOBOpenToFunctionCall.h
- ExecSQLLOBOpenToFunctionCall.cpp

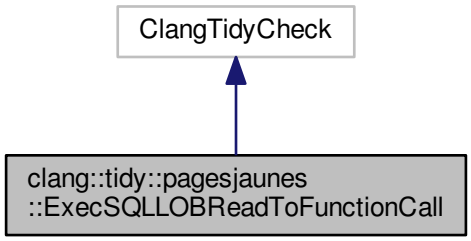
7.29 clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall Class Reference

`#include <ExecSQLLOBReadToFunctionCall.h>`

Inheritance diagram for clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall:



Collaboration diagram for clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall:



Classes

- struct AssignmentRecord
- struct ReqFmtRecord
- class SourceRangeBefore
- class SourceRangeForIntegerNStringLiterals
- struct VarDeclMatchRecord

Public Types

- using source_range_set_t = std::multiset< SourceRangeForIntegerNStringLiterals, SourceRangeBefore >

Public Member Functions

- ExecSQLLOBReadToFunctionCall (StringRef, ClangTidyContext ∗)

  Constructor for the ExecSQLLOBReadToFunctionCall rewriting check.
- void storeOptions (ClangTidyOptions::OptionMap &Opts) override

  Store options for this check.
- void registerMatchers (ast_matchers::MatchFinder ∗) override

  Register the ASTMatcher that will found nodes we are interested in.
- void registerPPCallbacks (CompilerInstance &Compiler) override

  Register callback for intercepting all pre-processor actions.
- void check (const ast_matchers::MatchFinder::MatchResult &) override

  This method is called each time a visited AST node matching our ASTMatcher is found.

Public Attributes

- ClangTidyContext ∗ TidyContext

Protected Attributes

- std::vector< struct ReqFmtRecord ∗ > m_req_fmt_collector
- std::vector< struct VarDeclMatchRecord ∗ > m_req_var_decl_collector
- std::vector< struct AssignmentRecord ∗ > m_req_assign_collector

7.29.1 Detailed Description

Definition at line 27 of file ExecSQLLOBReadToFunctionCall.h.

7.29.2 Member Typedef Documentation

7.29.2.1 source_range_set_t

```
using clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::source_range_set_t = std::multiset<Source↩
RangeForIntegerNStringLiterals, SourceRangeBefore>
```

Definition at line 87 of file ExecSQLLOBReadToFunctionCall.h.

7.29.3 Constructor & Destructor Documentation

7.29.3.1 ExecSQLLOBReadToFunctionCall()

```
clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::ExecSQLLOBReadToFunctionCall (
            StringRef Name,
            ClangTidyContext * Context )
```

Constructor for the ExecSQLLOBReadToFunctionCall rewriting check.

ExecSQLLOBReadToFunctionCall constructor

The rule is created a new check using its `ClangTidyCheck` base class. Name and context are provided and stored locally. Some diag ids corresponding to errors handled by rule are created:

- unexpected_diag_id: Unexpected error
- no_error_diag_id: No error
- access_char_data_diag_id: Couldn't access memory buffer for comment (unexpected)
- cant_find_comment_diag_id: Comment not available (unexpected)
- comment_dont_match_diag_id: Invalid comment structure (unexpected)
- source_generation_failure_diag_id: Request source file generation failed (unexpected)
- header_generation_failure_diag_id: Request header file generation failed (unexpected)

Parameters

Name	A StringRef for the new check name
Context	The ClangTidyContext allowing to access other contextsInit check (super class) Init our TidyContext instance Request grouping option: Filename containing a json map for a group name indexing a vector of requests name

Definition at line 150 of file ExecSQLLOBReadToFunctionCall.cpp.

7.29.4 Member Function Documentation

7.29.4.1 check()

```
void clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::check (
            const ast_matchers::MatchFinder::MatchResult &  )  [override]
```

This method is called each time a visited AST node matching our ASTMatcher is found.

check

This method will navigated and inspect the found AST nodes for:

- determining if the found nodes are elligible for rewrite
- extracting all necessary informations for computing rewrite location and code (find ProC generated comment)

Parameters

Result	The match result provided by the recursive visitor allowing us to access AST nodes bound to variables

Definition at line 1133 of file ExecSQLLOBReadToFunctionCall.cpp.

Here is the call graph for this function:

7.29.4.2 registerMatchers()

```
void clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::registerMatchers (
            ast_matchers::MatchFinder *  )  [override]
```

Register the ASTMatcher that will found nodes we are interested in.

registerMatchers

This method register 1 matcher for each oracle ProC generated statement to rewrite. The matcher bind elements we will use, for detecting the found statement we want to rewrite , and for writing new code.

Parameters

Finder	the recursive visitor that will use our matcher for sending us AST node.

Definition at line 566 of file ExecSQLLOBReadToFunctionCall.cpp.

7.29.4.3 registerPPCallbacks()

```
void clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::registerPPCallbacks (
            CompilerInstance & compiler )  [override]
```

Register callback for intercepting all pre-processor actions.

ExecSQLLOBReadToFunctionCall::registerPPCallbacks

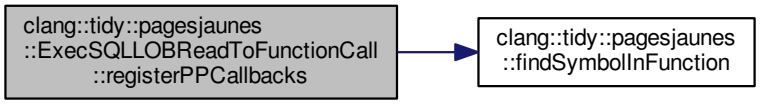
Allows to register a callback for executing our actions at every C/C++ pre-processor processing. Thanks to this callback we will collect all string literal macro expansions.

Parameters

in	*compiler*	the compiler instance we will intercept

Definition at line 587 of file ExecSQLLOBReadToFunctionCall.cpp.

Here is the call graph for this function:



7.29.4.4 storeOptions()

```
void clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::storeOptions (
             ClangTidyOptions::OptionMap & Opts )  [override]
```

Store options for this check.

storeOptions

This check support one option for customizing comment regex

- Generate-requests-headers
- Generate-requests-sources
- Generation-directory
- Generation-header-template
- Generation-source-template
- Generation-request-groups
- Generation-simplify-function-args

Parameters

Opts	The option map in which to store supported options

Definition at line 540 of file ExecSQLLOBReadToFunctionCall.cpp.

7.29.5 Member Data Documentation

7.29.5.1 m_req_assign_collector

```
std::vector<struct AssignmentRecord *> clang::tidy::pagesjaunes::ExecSQLLOBReadToFunction↩
Call::m_req_assign_collector  [protected]
```

Definition at line 179 of file ExecSQLLOBReadToFunctionCall.h.

7.29.5.2 m_req_fmt_collector

```
std::vector<struct ReqFmtRecord *> clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::m↩
_req_fmt_collector  [protected]
```

Definition at line 115 of file ExecSQLLOBReadToFunctionCall.h.

7.29.5.3 m_req_var_decl_collector

```
std::vector<struct VarDeclMatchRecord *> clang::tidy::pagesjaunes::ExecSQLLOBReadToFunction↩
Call::m_req_var_decl_collector  [protected]
```

Definition at line 130 of file ExecSQLLOBReadToFunctionCall.h.

7.29.5.4 TidyContext

```
ClangTidyContext* clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::TidyContext
```

Definition at line 31 of file ExecSQLLOBReadToFunctionCall.h.

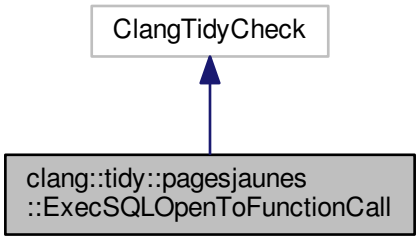
The documentation for this class was generated from the following files:

- ExecSQLLOBReadToFunctionCall.h
- ExecSQLLOBReadToFunctionCall.cpp

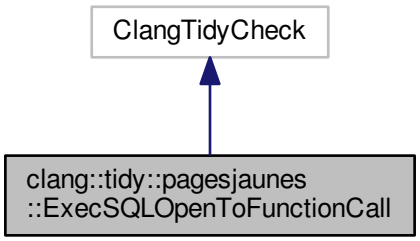
7.30 clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall Class Reference

`#include <ExecSQLOpenToFunctionCall.h>`

Inheritance diagram for clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall:



Collaboration diagram for clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall:



Classes

- class SourceRangeBefore
- class SourceRangeForStringLiterals

  Collect data about macro expansion for string literals.

Public Types

- enum ExecSQLOpenToFunctionCallErrorKind { EXEC_SQL_2_FUNC_ERROR_NO_ERROR = 0, EXEC_SQL_2_FUNC_ERROR_ACCESS_CHAR_DATA, EXEC_SQL_2_FUNC_ERROR_CANT_FIND_COMMENT_START, EXEC_SQL_2_FUNC_ERROR_CO↩ MMENT_DONT_MATCH,

EXEC_SQL_2_FUNC_ERROR_SOURCE_GENERATION, EXEC_SQL_2_FUNC_ERROR_SOURCE_E↩
XISTS, EXEC_SQL_2_FUNC_ERROR_SOURCE_CREATE_DIR, EXEC_SQL_2_FUNC_ERROR_HEAD↩
ER_GENERATION,
EXEC_SQL_2_FUNC_ERROR_HEADER_EXISTS, EXEC_SQL_2_FUNC_ERROR_HEADER_CREATE↩
_DIR, EXEC_SQL_2_FUNC_ERROR_UNSUPPORTED_STRING_CHARSET, EXEC_SQL_2_FUNC_ER↩
ROR_INVALID_GROUPS_FILE,
EXEC_SQL_2_FUNC_ERROR_ASSIGNMENT_NOT_FOUND }

- using source_range_set_t = std::multiset< SourceRangeForStringLiterals, SourceRangeBefore >

Public Member Functions

- ExecSQLOpenToFunctionCall (StringRef, ClangTidyContext *)

  Constructor for the ExecSQLOpenToFunctionCall rewriting check.
- void storeOptions (ClangTidyOptions::OptionMap &Opts) override

  Store options for this check.
- void registerMatchers (ast_matchers::MatchFinder *) override

  Register the ASTMatcher that will found nodes we are interested in.
- void registerPPCallbacks (CompilerInstance &Compiler) override

  Register callback for intercepting all pre-processor actions.
- void check (const ast_matchers::MatchFinder::MatchResult &) override

  This method is called each time a visited AST node matching our ASTMatcher is found.
- std::string emitDiagAndFix (const SourceLocation &, const SourceLocation &, const std::string &, const std↩
::string &)
- void emitError (DiagnosticsEngine &, const SourceLocation &, enum ExecSQLOpenToFunctionCallErrorKind, const std::string *msgptr=nullptr)

  Manage error conditions by emiting an error.

Public Attributes

- ClangTidyContext * TidyContext

Protected Attributes

- std::vector< struct clang::tidy::pagesjaunes::VarDeclMatchRecord * > m_req_var_decl_collector

7.30.1 Detailed Description

Definition at line 27 of file ExecSQLOpenToFunctionCall.h.

7.30.2 Member Typedef Documentation

7.30.2.1 source_range_set_t

```
using clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::source_range_set_t = std::multiset<Source↩
RangeForStringLiterals, SourceRangeBefore>
```

Definition at line 142 of file ExecSQLOpenToFunctionCall.h.

7.30.3 Member Enumeration Documentation

7.30.3.1 ExecSQLOpenToFunctionCallErrorKind

```
enum clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::ExecSQLOpenToFunctionCallErrorKind
```

Enumerator

EXEC_SQL_2_FUNC_ERROR_NO_ERROR	
EXEC_SQL_2_FUNC_ERROR_ACCESS_CHAR_DATA	
EXEC_SQL_2_FUNC_ERROR_CANT_FIND_COMMENT_START	
EXEC_SQL_2_FUNC_ERROR_COMMENT_DONT_MATCH	
EXEC_SQL_2_FUNC_ERROR_SOURCE_GENERATION	
EXEC_SQL_2_FUNC_ERROR_SOURCE_EXISTS	
EXEC_SQL_2_FUNC_ERROR_SOURCE_CREATE_DIR	
EXEC_SQL_2_FUNC_ERROR_HEADER_GENERATION	
EXEC_SQL_2_FUNC_ERROR_HEADER_EXISTS	
EXEC_SQL_2_FUNC_ERROR_HEADER_CREATE_DIR	
EXEC_SQL_2_FUNC_ERROR_UNSUPPORTED_STRING_CHARSET	
EXEC_SQL_2_FUNC_ERROR_INVALID_GROUPS_FILE	
EXEC_SQL_2_FUNC_ERROR_ASSIGNMENT_NOT_FOUND	

Definition at line 31 of file ExecSQLOpenToFunctionCall.h.

7.30.4 Constructor & Destructor Documentation

7.30.4.1 ExecSQLOpenToFunctionCall()

```
clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::ExecSQLOpenToFunctionCall (
            StringRef Name,
            ClangTidyContext * Context )
```

Constructor for the ExecSQLOpenToFunctionCall rewriting check.

ExecSQLOpenToFunctionCall constructor

The rule is created a new check using its `ClangTidyCheck` base class. Name and context are provided and stored locally. Some diag ids corresponding to errors handled by rule are created:

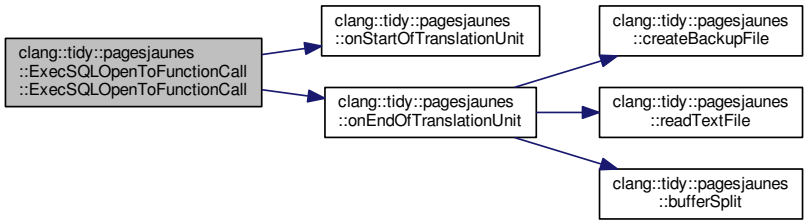
- unexpected_diag_id: Unexpected error
- no_error_diag_id: No error
- access_char_data_diag_id: Couldn't access memory buffer for comment (unexpected)
- cant_find_comment_diag_id: Comment not available (unexpected)
- comment_dont_match_diag_id: Invalid comment structure (unexpected)
- source_generation_failure_diag_id: Request source file generation failed (unexpected)
- header_generation_failure_diag_id: Request header file generation failed (unexpected)

Parameters

Name	A StringRef for the new check name
Context	The ClangTidyContext allowing to access other contextsInit check (super class) Init our TidyContext instance Request grouping option: Filename containing a json map for a group name indexing a vector of requests name

Definition at line 153 of file ExecSQLOpenToFunctionCall.cpp.

Here is the call graph for this function:



7.30.5 Member Function Documentation

7.30.5.1 check()

```
void clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::check (
            const ast_matchers::MatchFinder::MatchResult &  )  [override]
```

This method is called each time a visited AST node matching our ASTMatcher is found.

check

This method will navigated and inspect the found AST nodes for:

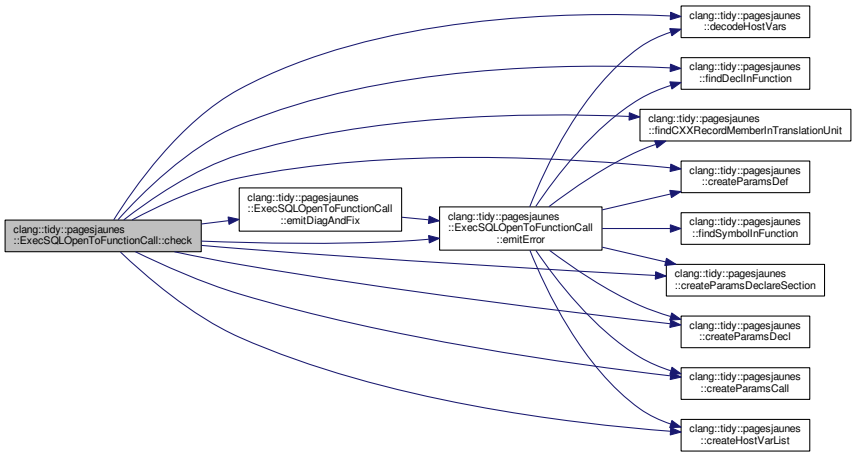
- determining if the found nodes are elligible for rewrite
- extracting all necessary informations for computing rewrite location and code (find ProC generated comment)

Parameters

Result	The match result provided by the recursive visitor allowing us to access AST nodes bound to variables

Definition at line 1061 of file ExecSQLOpenToFunctionCall.cpp.

Here is the call graph for this function:

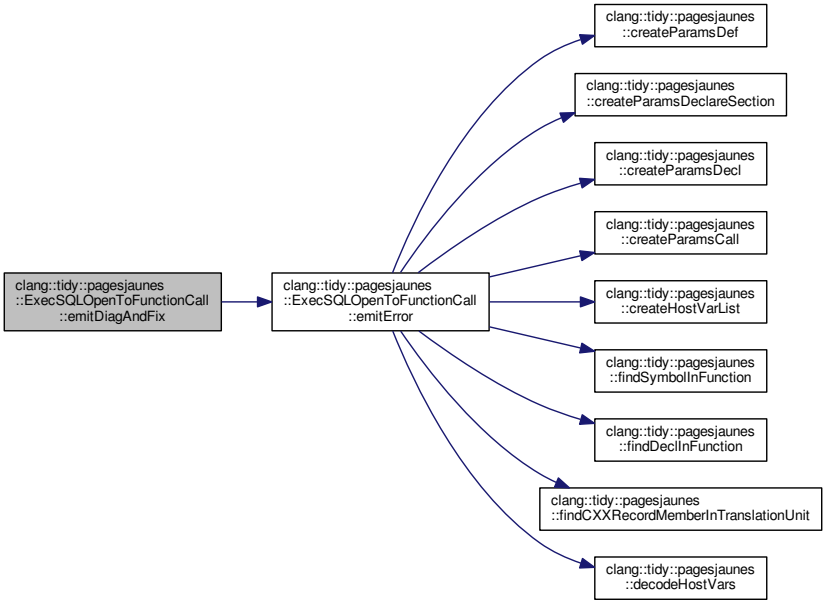


7.30.5.2 emitDiagAndFix()

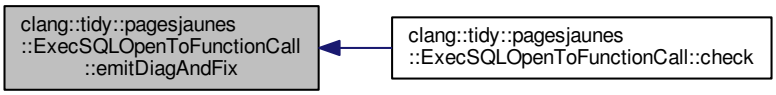
```
std::string clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::emitDiagAndFix (
            const SourceLocation & loc_start,
            const SourceLocation & loc_end,
            const std::string & function_name,
            const std::string & function_args )
```

Definition at line 385 of file ExecSQLOpenToFunctionCall.cpp.

Here is the call graph for this function:



Here is the caller graph for this function:



7.30.5.3 emitError()

```
void clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::emitError (
            DiagnosticsEngine & diag_engine,
            const SourceLocation & err_loc,
            enum ExecSQLOpenToFunctionCallErrorKind kind,
            const std::string * msgptr = nullptr )
```

Manage error conditions by emiting an error.

emitError

This method manage any error condition by emitting a specific error message to the LLVM/Clang Diagnostics↩ Engine. It uses diag ids that were created in constructor.

Parameters

diag_engine	LLVM/Clang DiagnosticsEngine instance
err_loc	Error location
kind	Kind of error to report

Default unexpected diagnostic id

No error ID: it should never occur

Access char data diag ID

Can't find a comment

Cannot match comment

Cannot generate request source file (no location)

Cannot generate request header file (no location)

Cannot generate request source file (already exists)

Cannot generate request header file (already exists)

Cannot generate request source file (create dir)

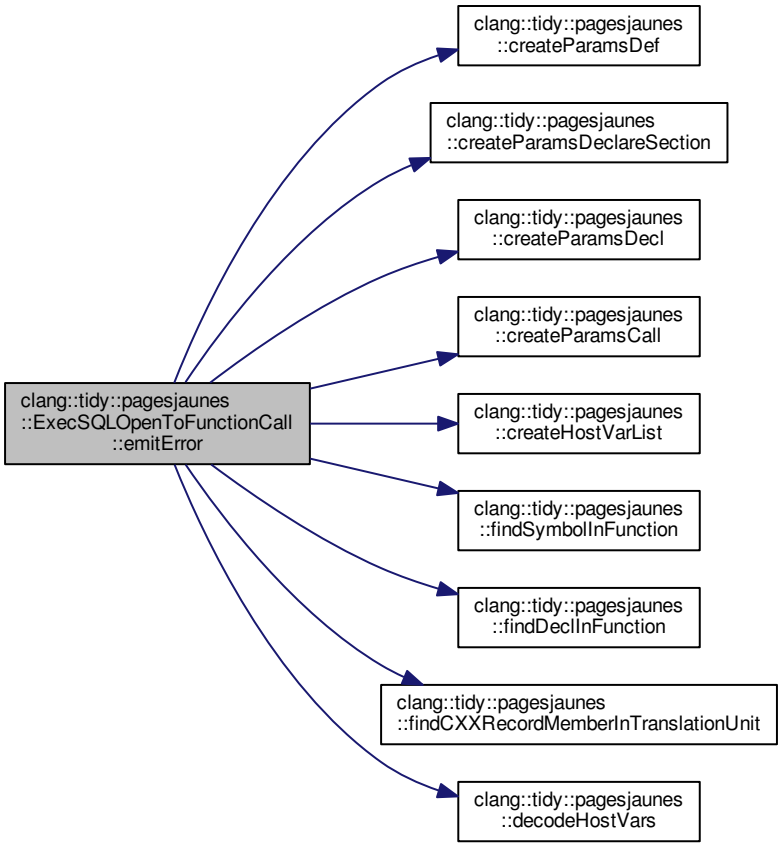
Cannot generate request header file (no location)

Unsupported String Literal charset

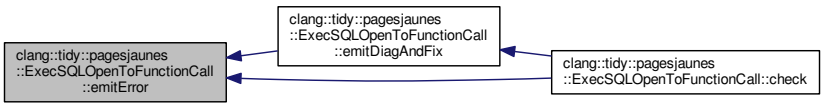
Invalid groups file error

Definition at line 632 of file ExecSQLOpenToFunctionCall.cpp.

Here is the call graph for this function:



Here is the caller graph for this function:



7.30.5.4 registerMatchers()

```
void clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::registerMatchers (
            ast_matchers::MatchFinder * ) [override]
```

Register the ASTMatcher that will found nodes we are interested in.

registerMatchers

This method register 1 matcher for each oracle ProC generated statement to rewrite. The matcher bind elements we will use, for detecting the found statement we want to rewrite , and for writing new code.

Parameters

Finder	the recursive visitor that will use our matcher for sending us AST node.

Definition at line 333 of file ExecSQLOpenToFunctionCall.cpp.

7.30.5.5 registerPPCallbacks()

```
void clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::registerPPCallbacks (
            CompilerInstance & compiler ) [override]
```

Register callback for intercepting all pre-processor actions.

ExecSQLOpenToFunctionCall::registerPPCallbacks

Allows to register a callback for executing our actions at every C/C++ pre-processor processing. Thanks to this callback we will collect all string literal macro expansions.

Parameters

in	*compiler*	the compiler instance we will intercept

Definition at line 358 of file ExecSQLOpenToFunctionCall.cpp.

7.30.5.6 storeOptions()

```
void clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::storeOptions (
            ClangTidyOptions::OptionMap & Opts ) [override]
```

Store options for this check.

storeOptions

This check support one option for customizing comment regex

- Generate-requests-headers
- Generate-requests-sources
- Generation-directory
- Generation-header-template
- Generation-source-template
- Generation-request-groups
- Generation-simplify-function-args

Parameters

Opts	The option map in which to store supported options

Definition at line 291 of file ExecSQLOpenToFunctionCall.cpp.

7.30.6 Member Data Documentation

7.30.6.1 m_req_var_decl_collector

```
std::vector<struct clang::tidy::pagesjaunes::VarDeclMatchRecord *> clang::tidy::pagesjaunes↩
::ExecSQLOpenToFunctionCall::m_req_var_decl_collector  [protected]
```

Definition at line 171 of file ExecSQLOpenToFunctionCall.h.

7.30.6.2 TidyContext

```
ClangTidyContext* clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::TidyContext
```

Definition at line 62 of file ExecSQLOpenToFunctionCall.h.

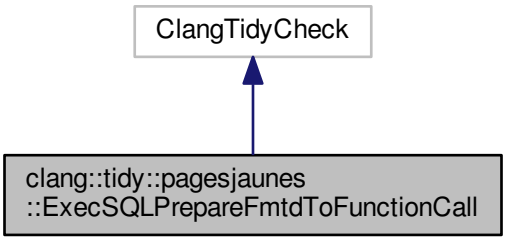
The documentation for this class was generated from the following files:

- ExecSQLOpenToFunctionCall.h
- ExecSQLOpenToFunctionCall.cpp

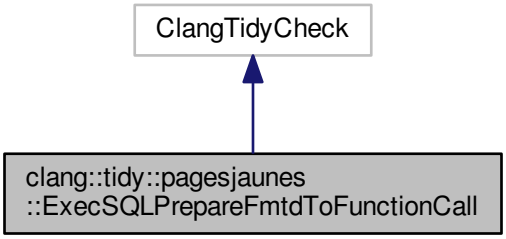
7.31 clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall Class Reference

`#include <ExecSQLPrepareFmtdToFunctionCall.h>`

Inheritance diagram for clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall:



Collaboration diagram for clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall:



Classes

- struct AssignmentRecord
- struct ReqFmtRecord
- class SourceRangeBefore
- class SourceRangeForStringLiterals

  Collect data about macro expansion for string literals.

Public Types

- enum ExecSQLPrepareFmtdToFunctionCallErrorKind {
  EXEC_SQL_2_FUNC_ERROR_NO_ERROR = 0, EXEC_SQL_2_FUNC_ERROR_ACCESS_CHAR_DATA,
  EXEC_SQL_2_FUNC_ERROR_CANT_FIND_COMMENT_START, EXEC_SQL_2_FUNC_ERROR_CO↩
  MMENT_DONT_MATCH,
  EXEC_SQL_2_FUNC_ERROR_SOURCE_GENERATION, EXEC_SQL_2_FUNC_ERROR_HEADER_G↩
  ENERATION, EXEC_SQL_2_FUNC_ERROR_UNSUPPORTED_STRING_CHARSET, EXEC_SQL_2_F↩
  UNC_ERROR_INVALID_GROUPS_FILE,
  EXEC_SQL_2_FUNC_ERROR_ASSIGNMENT_NOT_FOUND, EXEC_SQL_2_FUNC_ERROR_SOURC↩
  E_EXISTS, EXEC_SQL_2_FUNC_ERROR_HEADER_EXISTS, EXEC_SQL_2_FUNC_ERROR_SOURC↩
  E_CREATE_DIR,
  EXEC_SQL_2_FUNC_ERROR_HEADER_CREATE_DIR }
- using source_range_set_t = std::multiset< SourceRangeForStringLiterals, SourceRangeBefore >

Public Member Functions

- ExecSQLPrepareFmtdToFunctionCall (StringRef, ClangTidyContext *)

  Constructor for the ExecSQLPrepareFmtdToFunctionCall rewriting check.
- void storeOptions (ClangTidyOptions::OptionMap &Opts) override

  Store options for this check.
- void registerMatchers (ast_matchers::MatchFinder *) override

  Register the ASTMatcher that will found nodes we are interested in.
- void registerPPCallbacks (CompilerInstance &Compiler) override

  Register callback for intercepting all pre-processor actions.
- void check (const ast_matchers::MatchFinder::MatchResult &) override

  This method is called each time a visited AST node matching our ASTMatcher is found.
- std::string emitDiagAndFix (const SourceLocation &, const SourceLocation &, const std::string &, const std↩
  ::string &)
- void emitError (DiagnosticsEngine &, const SourceLocation &, enum ExecSQLPrepareFmtdToFunctionCall↩
  ErrorKind, const std::string *msgptr=nullptr)

  Manage error conditions by emiting an error.

Public Attributes

- ClangTidyContext * TidyContext

Protected Attributes

- std::vector< struct AssignmentRecord * > m_req_assign_collector
- std::vector< struct ReqFmtRecord * > m_req_fmt_collector
- std::vector< struct clang::tidy::pagesjaunes::VarDeclMatchRecord * > m_req_var_decl_collector

7.31.1 Detailed Description

Definition at line 27 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.31.2 Member Typedef Documentation

7.31.2.1 source_range_set_t

```
using clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::source_range_set_t = std↩
::multiset<SourceRangeForStringLiterals, SourceRangeBefore>
```

Definition at line 142 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.31.3 Member Enumeration Documentation

7.31.3.1 ExecSQLPrepareFmtdToFunctionCallErrorKind

```
enum clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::ExecSQLPrepareFmtdToFunction↩
CallErrorKind
```

Enumerator

EXEC_SQL_2_FUNC_ERROR_NO_ERROR	
EXEC_SQL_2_FUNC_ERROR_ACCESS_CHAR_DATA	
EXEC_SQL_2_FUNC_ERROR_CANT_FIND_COMMENT_START	
EXEC_SQL_2_FUNC_ERROR_COMMENT_DONT_MATCH	
EXEC_SQL_2_FUNC_ERROR_SOURCE_GENERATION	
EXEC_SQL_2_FUNC_ERROR_HEADER_GENERATION	
EXEC_SQL_2_FUNC_ERROR_UNSUPPORTED_STRING_CHARSET	
EXEC_SQL_2_FUNC_ERROR_INVALID_GROUPS_FILE	
EXEC_SQL_2_FUNC_ERROR_ASSIGNMENT_NOT_FOUND	
EXEC_SQL_2_FUNC_ERROR_SOURCE_EXISTS	
EXEC_SQL_2_FUNC_ERROR_HEADER_EXISTS	
EXEC_SQL_2_FUNC_ERROR_SOURCE_CREATE_DIR	
EXEC_SQL_2_FUNC_ERROR_HEADER_CREATE_DIR	

Definition at line 31 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.31.4 Constructor & Destructor Documentation

7.31.4.1 ExecSQLPrepareFmtdToFunctionCall()

```
clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::ExecSQLPrepareFmtdToFunctionCall (
            StringRef Name,
            ClangTidyContext * Context )
```

Constructor for the ExecSQLPrepareFmtdToFunctionCall rewriting check.

ExecSQLPrepareFmtdToFunctionCall constructor

The rule is created a new check using its `ClangTidyCheck` base class. Name and context are provided and stored locally. Some diag ids corresponding to errors handled by rule are created:

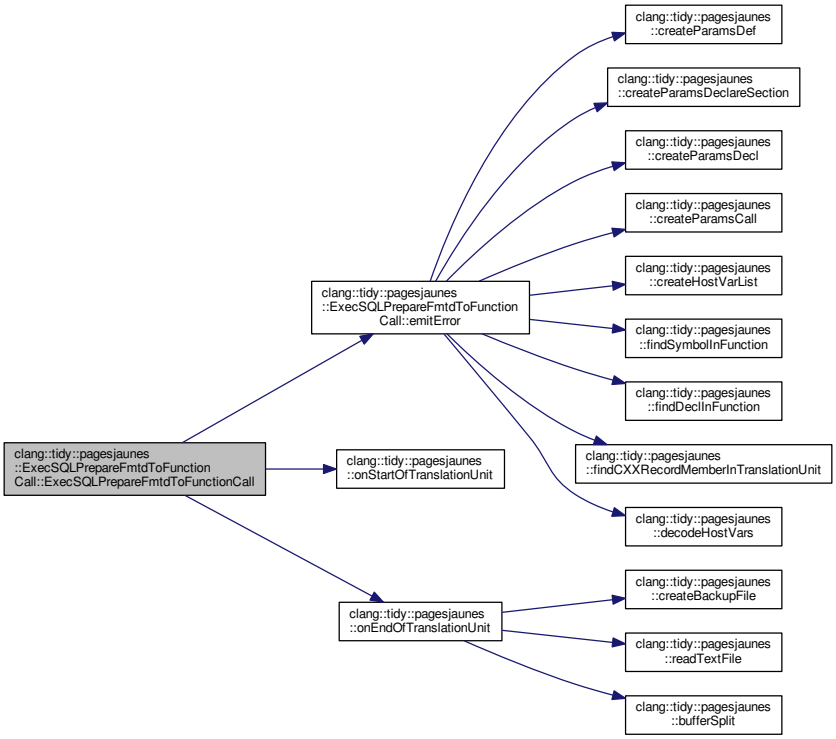
- unexpected_diag_id: Unexpected error
- no_error_diag_id: No error
- access_char_data_diag_id: Couldn't access memory buffer for comment (unexpected)
- cant_find_comment_diag_id: Comment not available (unexpected)
- comment_dont_match_diag_id: Invalid comment structure (unexpected)
- source_generation_failure_diag_id: Request source file generation failed (unexpected)
- header_generation_failure_diag_id: Request header file generation failed (unexpected)

Parameters

Name	A StringRef for the new check name
Context	The ClangTidyContext allowing to access other contextsInit check (super class) Init our TidyContext instance Request grouping option: Filename containing a json map for a group name indexing a vector of requests name

Definition at line 153 of file ExecSQLPrepareFmtdToFunctionCall.cpp.

Here is the call graph for this function:



7.31.5 Member Function Documentation

7.31.5.1 check()

```
void clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::check (
            const ast_matchers::MatchFinder::MatchResult &  ) [override]
```

This method is called each time a visited AST node matching our ASTMatcher is found.

check

This method will navigated and inspect the found AST nodes for:

- determining if the found nodes are elligible for rewrite
- extracting all necessary informations for computing rewrite location and code (find ProC generated comment)

Parameters

Result	The match result provided by the recursive visitor allowing us to access AST nodes bound to variables

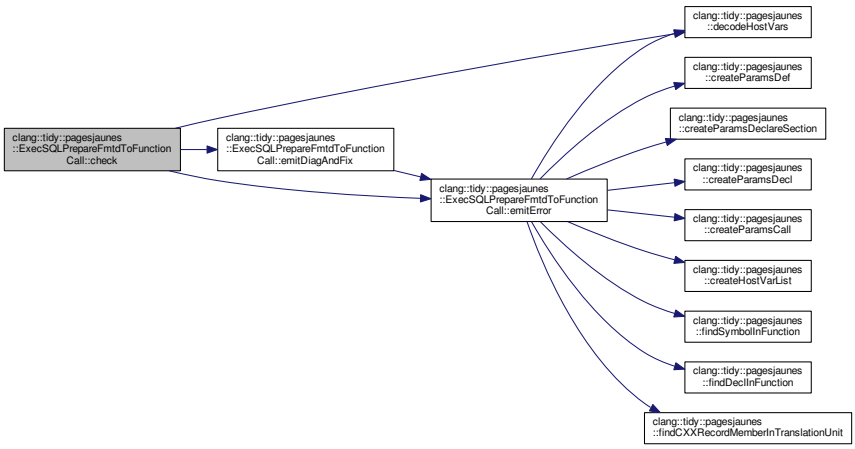
First step is to decode the host variables used in the request We do this through the use of a factorized function decodeHostVar that parse the host vars specified in the from part of the request. This function fills an associative array. The request is somethinhg as: EXEC SQL PREPAPE aRequest FROM :anHostVar; The form without host var is handled by ExecSQLPrepareToFunctionCall class

See also

clang::tidy::ExecSQLPrepareToFunctionCall

Definition at line 1061 of file ExecSQLPrepareFmtdToFunctionCall.cpp.

Here is the call graph for this function:

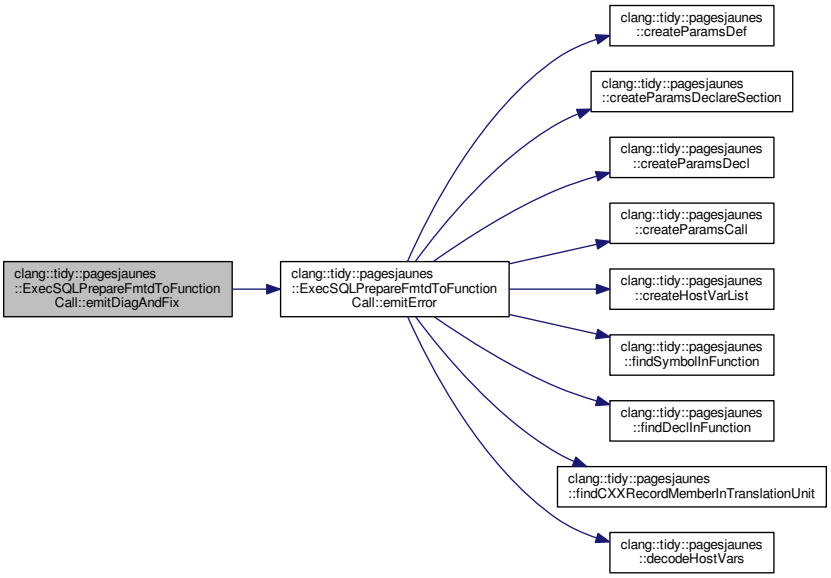


7.31.5.2 emitDiagAndFix()

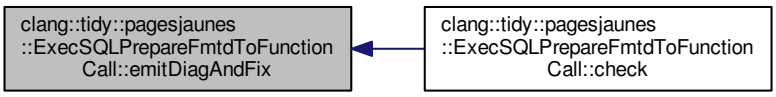
```
std::string clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::emitDiagAndFix (
            const SourceLocation & loc_start,
            const SourceLocation & loc_end,
            const std::string & function_name,
            const std::string & args_usage )
```

Definition at line 385 of file ExecSQLPrepareFmtdToFunctionCall.cpp.

Here is the call graph for this function:



Here is the caller graph for this function:



7.31.5.3 emitError()

```
void clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::emitError (
            DiagnosticsEngine & diag_engine,
            const SourceLocation & err_loc,
```

```
enum ExecSQLPrepareFmtdToFunctionCallErrorKind kind,
const std::string * msgptr = nullptr )
```

Manage error conditions by emiting an error.

emitError

This method manage any error condition by emitting a specific error message to the LLVM/Clang Diagnostics↩ Engine. It uses diag ids that were created in constructor.

Parameters

diag_engine	LLVM/Clang DiagnosticsEngine instance
err_loc	Error location
kind	Kind of error to report

Default unexpected diagnostic id

No error ID: it should never occur

Access char data diag ID

Can't find a comment

Cannot match comment

Cannot generate request source file (no location)

Cannot generate request header file (no location)

Cannot generate request source file (already exists)

Cannot generate request header file (already exists)

Cannot generate request source file (create dir)

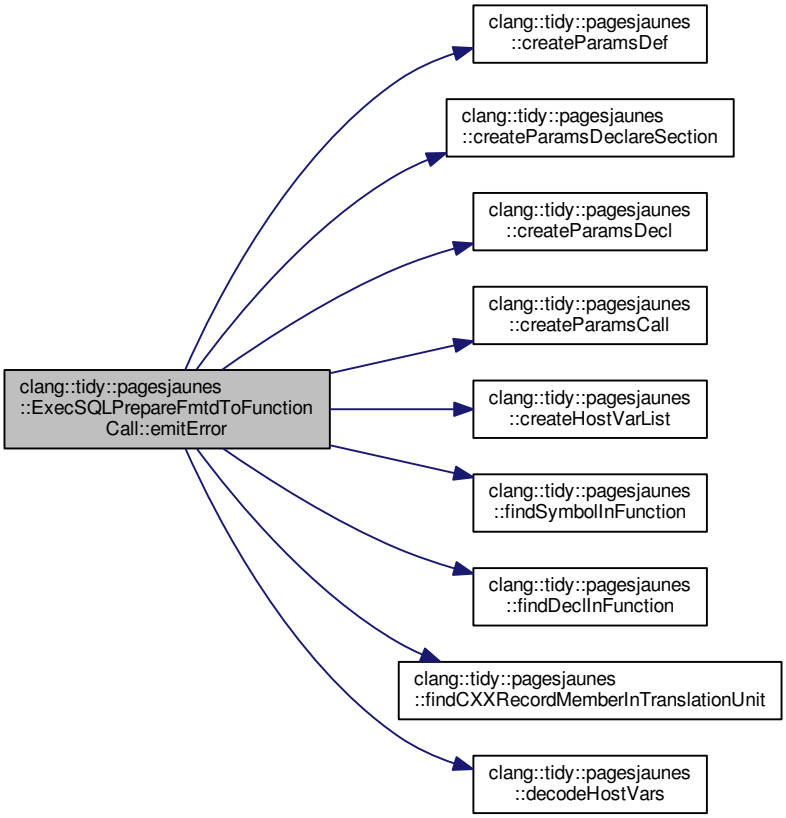
Cannot generate request header file (no location)

Unsupported String Literal charset

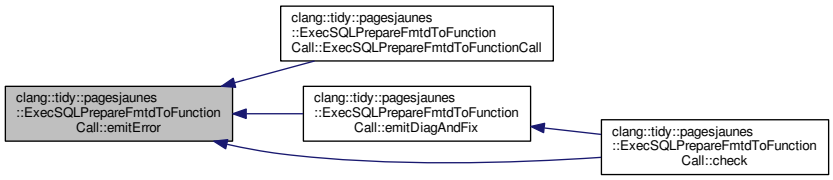
Invalid groups file error

Definition at line 632 of file ExecSQLPrepareFmtdToFunctionCall.cpp.

Here is the call graph for this function:



Here is the caller graph for this function:



7.31.5.4 registerMatchers()

```
void clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::registerMatchers (
            ast_matchers::MatchFinder *  )  [override]
```

Register the ASTMatcher that will found nodes we are interested in.

registerMatchers

This method register 1 matcher for each oracle ProC generated statement to rewrite. The matcher bind elements we will use, for detecting the found statement we want to rewrite , and for writing new code.

Parameters

Finder	the recursive visitor that will use our matcher for sending us AST node.

Definition at line 333 of file ExecSQLPrepareFmtdToFunctionCall.cpp.

7.31.5.5 registerPPCallbacks()

```
void clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::registerPPCallbacks (
            CompilerInstance & compiler )  [override]
```

Register callback for intercepting all pre-processor actions.

ExecSQLPrepareFmtdToFunctionCall::registerPPCallbacks

Allows to register a callback for executing our actions at every C/C++ pre-processor processing. Thanks to this callback we will collect all string literal macro expansions.

Parameters

in	*compiler*	the compiler instance we will intercept

Definition at line 358 of file ExecSQLPrepareFmtdToFunctionCall.cpp.

7.31.5.6 storeOptions()

```
void clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::storeOptions (
            ClangTidyOptions::OptionMap & Opts )  [override]
```

Store options for this check.

storeOptions

This check support one option for customizing comment regex

- Generate-requests-headers
- Generate-requests-sources
- Generation-directory
- Generation-header-template
- Generation-source-template
- Generation-request-groups
- Generation-simplify-function-args

Parameters

Opts	The option map in which to store supported options

Definition at line 291 of file ExecSQLPrepareFmtdToFunctionCall.cpp.

7.31.6 Member Data Documentation

7.31.6.1 m_req_assign_collector

```
std::vector<struct AssignmentRecord *> clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunction↩
Call::m_req_assign_collector  [protected]
```

Definition at line 189 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.31.6.2 m_req_fmt_collector

```
std::vector<struct ReqFmtRecord *> clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunction↩
Call::m_req_fmt_collector  [protected]
```

Definition at line 238 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.31.6.3 m_req_var_decl_collector

```
std::vector<struct clang::tidy::pagesjaunes::VarDeclMatchRecord *> clang::tidy::pagesjaunes↩
::ExecSQLPrepareFmtdToFunctionCall::m_req_var_decl_collector  [protected]
```

Definition at line 306 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.31.6.4 TidyContext

```
ClangTidyContext* clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::TidyContext
```

Definition at line 62 of file ExecSQLPrepareFmtdToFunctionCall.h.

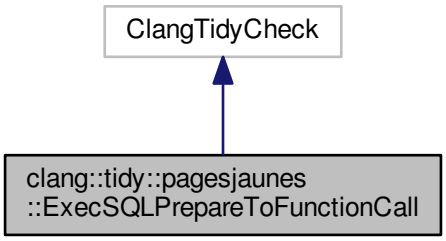
The documentation for this class was generated from the following files:

- ExecSQLPrepareFmtdToFunctionCall.h
- ExecSQLPrepareFmtdToFunctionCall.cpp

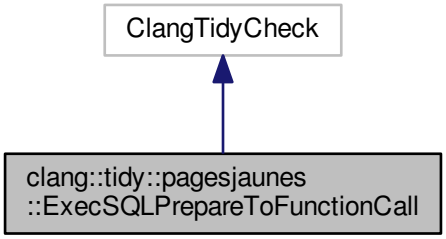
7.32 clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall Class Reference

`#include <ExecSQLPrepareToFunctionCall.h>`

Inheritance diagram for clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall:



Collaboration diagram for clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall:



Classes

- struct AssignmentRecord
- class SourceRangeBefore
- class SourceRangeForStringLiterals

  Collect data about macro expansion for string literals.
- struct StringLiteralRecord

Public Types

- enum ExecSQLPrepareToFunctionCallErrorKind {
  EXEC_SQL_2_FUNC_ERROR_NO_ERROR = 0, EXEC_SQL_2_FUNC_ERROR_ACCESS_CHAR_DATA,
  EXEC_SQL_2_FUNC_ERROR_CANT_FIND_COMMENT_START, EXEC_SQL_2_FUNC_ERROR_CO↩
  MMENT_DONT_MATCH,
  EXEC_SQL_2_FUNC_ERROR_SOURCE_GENERATION, EXEC_SQL_2_FUNC_ERROR_SOURCE_E↩
  XISTS, EXEC_SQL_2_FUNC_ERROR_SOURCE_CREATE_DIR, EXEC_SQL_2_FUNC_ERROR_HEAD↩
  ER_GENERATION,
  EXEC_SQL_2_FUNC_ERROR_HEADER_EXISTS, EXEC_SQL_2_FUNC_ERROR_HEADER_CREATE↩
  _DIR, EXEC_SQL_2_FUNC_ERROR_UNSUPPORTED_STRING_CHARSET, EXEC_SQL_2_FUNC_ER↩
  ROR_INVALID_GROUPS_FILE,
  EXEC_SQL_2_FUNC_ERROR_ASSIGNMENT_NOT_FOUND }
- using source_range_set_t = std::multiset< SourceRangeForStringLiterals, SourceRangeBefore >

Public Member Functions

- ExecSQLPrepareToFunctionCall (StringRef, ClangTidyContext *)

  Constructor for the ExecSQLPrepareToFunctionCall rewriting check.
- void storeOptions (ClangTidyOptions::OptionMap &Opts) override

  Store options for this check.
- void registerMatchers (ast_matchers::MatchFinder *) override

  Register the ASTMatcher that will found nodes we are interested in.
- void registerPPCallbacks (CompilerInstance &Compiler) override

  Register callback for intercepting all pre-processor actions.
- void check (const ast_matchers::MatchFinder::MatchResult &) override

  This method is called each time a visited AST node matching our ASTMatcher is found.
- std::string emitDiagAndFix (const SourceLocation &, const SourceLocation &, const std::string &)
- void emitError (DiagnosticsEngine &, const SourceLocation &, enum ExecSQLPrepareToFunctionCallError↩
  Kind, const std::string *msgptr=nullptr)

  Manage error conditions by emiting an error.

Public Attributes

- ClangTidyContext * TidyContext

Protected Attributes

- std::vector< struct StringLiteralRecord * > m_req_copy_collector
- std::vector< struct AssignmentRecord * > m_req_assign_collector
- std::vector< struct clang::tidy::pagesjaunes::VarDeclMatchRecord * > m_req_var_decl_collector

7.32.1 Detailed Description

Definition at line 27 of file ExecSQLPrepareToFunctionCall.h.

7.32.2 Member Typedef Documentation

7.32.2.1 source_range_set_t

```
using clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::source_range_set_t = std::multiset<Source↩
RangeForStringLiterals, SourceRangeBefore>
```

Definition at line 142 of file ExecSQLPrepareToFunctionCall.h.

7.32.3 Member Enumeration Documentation

7.32.3.1 ExecSQLPrepareToFunctionCallErrorKind

```
enum clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::ExecSQLPrepareToFunctionCall↩
ErrorKind
```

Enumerator

EXEC_SQL_2_FUNC_ERROR_NO_ERROR	
EXEC_SQL_2_FUNC_ERROR_ACCESS_CHAR_DATA	
EXEC_SQL_2_FUNC_ERROR_CANT_FIND_COMMENT_START	
EXEC_SQL_2_FUNC_ERROR_COMMENT_DONT_MATCH	
EXEC_SQL_2_FUNC_ERROR_SOURCE_GENERATION	
EXEC_SQL_2_FUNC_ERROR_SOURCE_EXISTS	
EXEC_SQL_2_FUNC_ERROR_SOURCE_CREATE_DIR	
EXEC_SQL_2_FUNC_ERROR_HEADER_GENERATION	
EXEC_SQL_2_FUNC_ERROR_HEADER_EXISTS	
EXEC_SQL_2_FUNC_ERROR_HEADER_CREATE_DIR	
EXEC_SQL_2_FUNC_ERROR_UNSUPPORTED_STRING_CHARSET	
EXEC_SQL_2_FUNC_ERROR_INVALID_GROUPS_FILE	
EXEC_SQL_2_FUNC_ERROR_ASSIGNMENT_NOT_FOUND	

Definition at line 31 of file ExecSQLPrepareToFunctionCall.h.

7.32.4 Constructor & Destructor Documentation

7.32.4.1 ExecSQLPrepareToFunctionCall()

```
clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::ExecSQLPrepareToFunctionCall (
            StringRef Name,
            ClangTidyContext * Context )
```

Constructor for the ExecSQLPrepareToFunctionCall rewriting check.

ExecSQLPrepareToFunctionCall constructor

The rule is created a new check using its `ClangTidyCheck` base class. Name and context are provided and stored locally. Some diag ids corresponding to errors handled by rule are created:

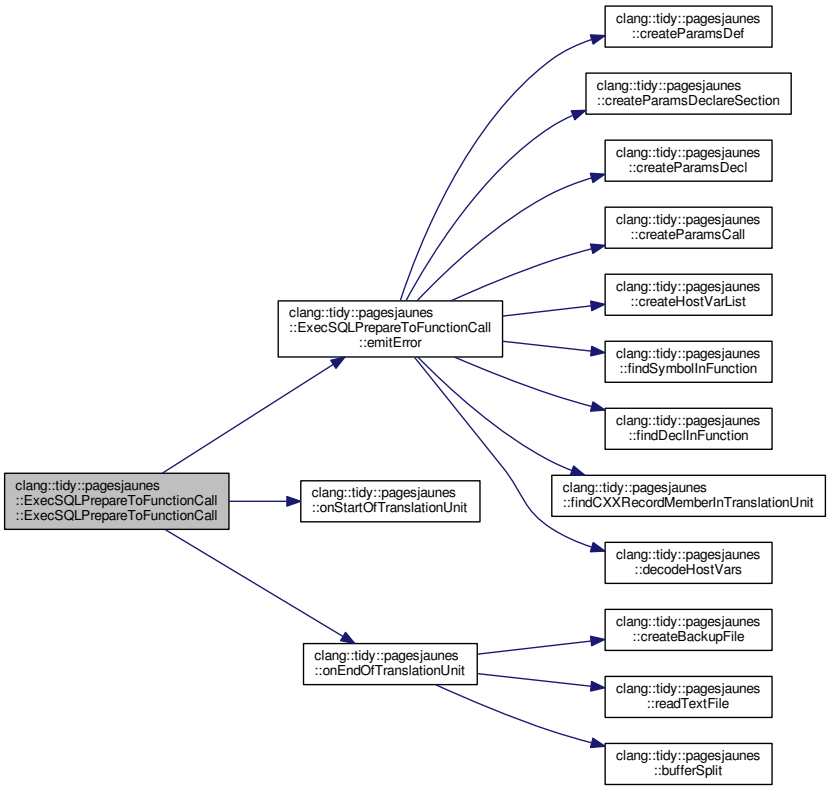
- unexpected_diag_id: Unexpected error
- no_error_diag_id: No error
- access_char_data_diag_id: Couldn't access memory buffer for comment (unexpected)
- cant_find_comment_diag_id: Comment not available (unexpected)
- comment_dont_match_diag_id: Invalid comment structure (unexpected)
- source_generation_failure_diag_id: Request source file generation failed (unexpected)
- header_generation_failure_diag_id: Request header file generation failed (unexpected)

Parameters

Name	A StringRef for the new check name
Context	The ClangTidyContext allowing to access other contextsInit check (super class) Init our TidyContext instance Request grouping option: Filename containing a json map for a group name indexing a vector of requests name

Definition at line 153 of file ExecSQLPrepareToFunctionCall.cpp.

Here is the call graph for this function:



7.32.5 Member Function Documentation

7.32.5.1 check()

```
void clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::check (
            const ast_matchers::MatchFinder::MatchResult &  ) [override]
```

This method is called each time a visited AST node matching our ASTMatcher is found.

check

This method will navigated and inspect the found AST nodes for:

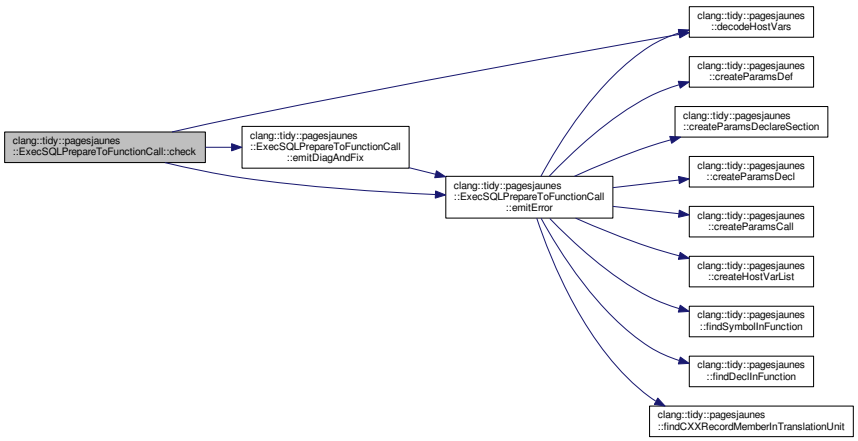
- determining if the found nodes are elligible for rewrite
- extracting all necessary informations for computing rewrite location and code (find ProC generated comment)

Parameters

Result	The match result provided by the recursive visitor allowing us to access AST nodes bound to variables

Definition at line 1049 of file ExecSQLPrepareToFunctionCall.cpp.

Here is the call graph for this function:

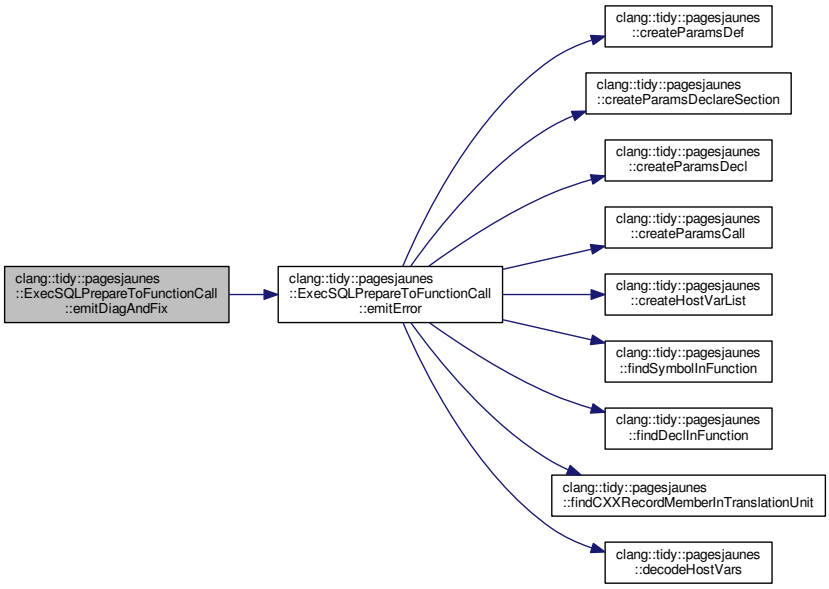


7.32.5.2 emitDiagAndFix()

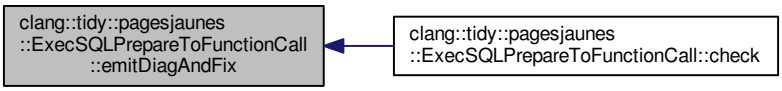
```
std::string clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::emitDiagAndFix (
            const SourceLocation & loc_start,
            const SourceLocation & loc_end,
            const std::string & function_name )
```

Definition at line 378 of file ExecSQLPrepareToFunctionCall.cpp.

Here is the call graph for this function:



Here is the caller graph for this function:



7.32.5.3 emitError()

```
void clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::emitError (
            DiagnosticsEngine & diag_engine,
            const SourceLocation & err_loc,
            enum ExecSQLPrepareToFunctionCallErrorKind kind,
            const std::string * msgptr = nullptr )
```

Manage error conditions by emiting an error.

emitError

This method manage any error condition by emitting a specific error message to the LLVM/Clang Diagnostics↩ Engine. It uses diag ids that were created in constructor.

Parameters

diag_engine	LLVM/Clang DiagnosticsEngine instance
err_loc	Error location
kind	Kind of error to report

Default unexpected diagnostic id

No error ID: it should never occur

Access char data diag ID

Can't find a comment

Cannot match comment

Cannot generate request source file (no location)

Cannot generate request header file (no location)

Cannot generate request source file (already exists)

Cannot generate request header file (already exists)

Cannot generate request source file (create dir)

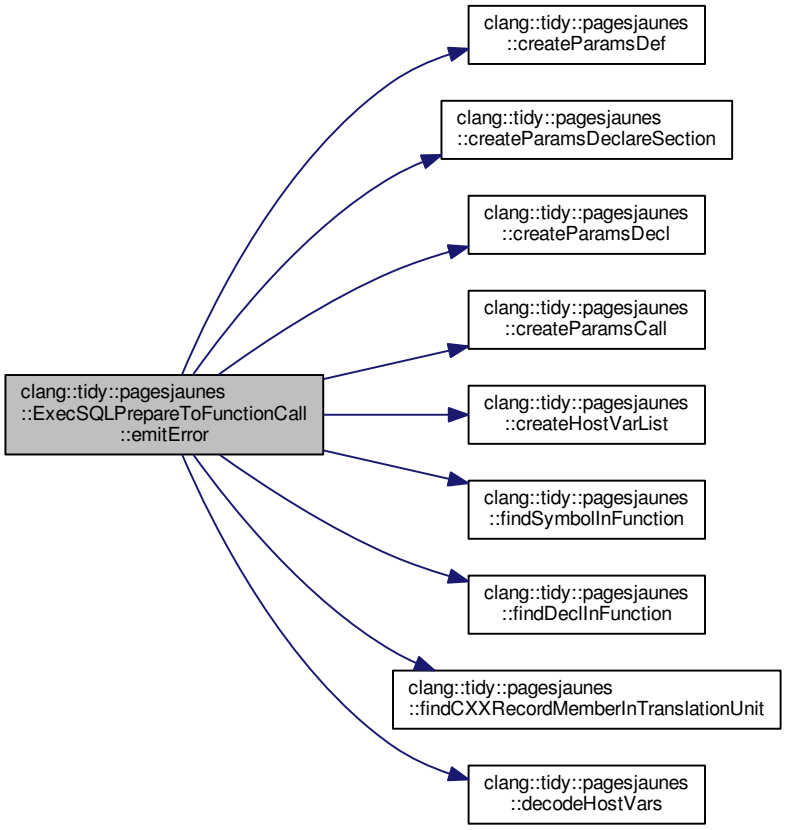
Cannot generate request header file (no location)

Unsupported String Literal charset

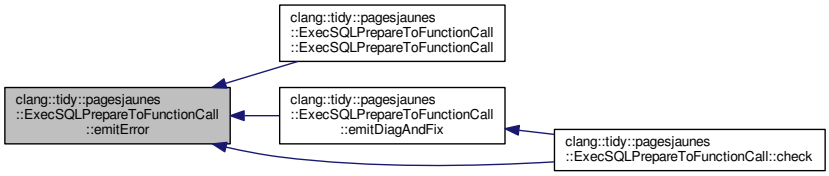
Invalid groups file error

Definition at line 620 of file ExecSQLPrepareToFunctionCall.cpp.

Here is the call graph for this function:



Here is the caller graph for this function:



7.32.5.4 registerMatchers()

```
void clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::registerMatchers (
            ast_matchers::MatchFinder *  )  [override]
```

Register the ASTMatcher that will found nodes we are interested in.

registerMatchers

This method register 1 matcher for each oracle ProC generated statement to rewrite. The matcher bind elements we will use, for detecting the found statement we want to rewrite , and for writing new code.

Parameters

Finder	the recursive visitor that will use our matcher for sending us AST node.

Definition at line 326 of file ExecSQLPrepareToFunctionCall.cpp.

7.32.5.5 registerPPCallbacks()

```
void clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::registerPPCallbacks (
            CompilerInstance & compiler )  [override]
```

Register callback for intercepting all pre-processor actions.

ExecSQLPrepareToFunctionCall::registerPPCallbacks

Allows to register a callback for executing our actions at every C/C++ pre-processor processing. Thanks to this callback we will collect all string literal macro expansions.

Parameters

in	*compiler*	the compiler instance we will intercept

Definition at line 351 of file ExecSQLPrepareToFunctionCall.cpp.

7.32.5.6 storeOptions()

```
void clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::storeOptions (
            ClangTidyOptions::OptionMap & Opts )  [override]
```

Store options for this check.

storeOptions

This check support one option for customizing comment regex

- Generate-requests-headers
- Generate-requests-sources
- Generation-directory
- Generation-header-template
- Generation-source-template
- Generation-request-groups

Parameters

Opts	The option map in which to store supported options

Definition at line 286 of file ExecSQLPrepareToFunctionCall.cpp.

7.32.6 Member Data Documentation

7.32.6.1 m_req_assign_collector

```
std::vector<struct AssignmentRecord *> clang::tidy::pagesjaunes::ExecSQLPrepareToFunction↩
Call::m_req_assign_collector  [protected]
```

Definition at line 250 of file ExecSQLPrepareToFunctionCall.h.

7.32.6.2 m_req_copy_collector

```
std::vector<struct StringLiteralRecord *> clang::tidy::pagesjaunes::ExecSQLPrepareToFunction↩
Call::m_req_copy_collector  [protected]
```

Definition at line 189 of file ExecSQLPrepareToFunctionCall.h.

7.32.6.3 m_req_var_decl_collector

```
std::vector<struct clang::tidy::pagesjaunes::VarDeclMatchRecord *> clang::tidy::pagesjaunes↩
::ExecSQLPrepareToFunctionCall::m_req_var_decl_collector  [protected]
```

Definition at line 327 of file ExecSQLPrepareToFunctionCall.h.

7.32.6.4 TidyContext

```
ClangTidyContext* clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::TidyContext
```

Definition at line 62 of file ExecSQLPrepareToFunctionCall.h.

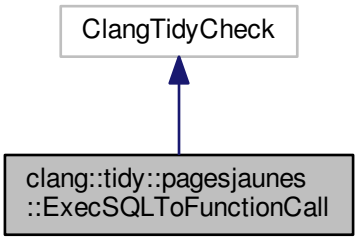
The documentation for this class was generated from the following files:

- ExecSQLPrepareToFunctionCall.h
- ExecSQLPrepareToFunctionCall.cpp

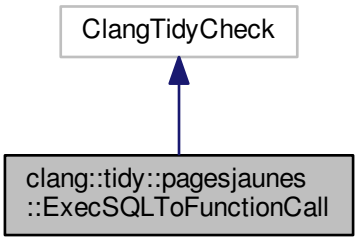
7.33 clang::tidy::pagesjaunes::ExecSQLToFunctionCall Class Reference

`#include <ExecSQLToFunctionCall.h>`

Inheritance diagram for clang::tidy::pagesjaunes::ExecSQLToFunctionCall:



Collaboration diagram for clang::tidy::pagesjaunes::ExecSQLToFunctionCall:



Classes

- struct AssignmentRecord
- struct ReqFmtRecord
- class SourceRangeBefore
- class SourceRangeForStringLiterals
- struct StringLiteralRecord

Public Types

- using source_range_set_t = std::multiset< SourceRangeForStringLiterals, SourceRangeBefore >

Public Member Functions

- ExecSQLToFunctionCall (StringRef, ClangTidyContext *)

  Constructor for the ExecSQLToFunctionCall rewriting check.
- void storeOptions (ClangTidyOptions::OptionMap &Opts) override

  Store options for this check.
- void registerMatchers (ast_matchers::MatchFinder *) override

  Register the ASTMatcher that will found nodes we are interested in.
- void registerPPCallbacks (CompilerInstance &Compiler) override

  Register callback for intercepting all pre-processor actions.
- void check (const ast_matchers::MatchFinder::MatchResult &) override

  This method is called each time a visited AST node matching our ASTMatcher is found.

Public Attributes

- ClangTidyContext * TidyContext

Protected Attributes

- std::vector< struct StringLiteralRecord * > m_req_copy_collector
- std::vector< struct AssignmentRecord * > m_req_assign_collector
- std::vector< struct ReqFmtRecord * > m_req_fmt_collector

7.33.1 Detailed Description

Definition at line 27 of file ExecSQLToFunctionCall.h.

7.33.2 Member Typedef Documentation

7.33.2.1 source_range_set_t

```
using clang::tidy::pagesjaunes::ExecSQLToFunctionCall::source_range_set_t = std::multiset<Source↩
RangeForStringLiterals, SourceRangeBefore>
```

Definition at line 87 of file ExecSQLToFunctionCall.h.

7.33.3 Constructor & Destructor Documentation

7.33.3.1 ExecSQLToFunctionCall()

```
clang::tidy::pagesjaunes::ExecSQLToFunctionCall::ExecSQLToFunctionCall (
            StringRef Name,
            ClangTidyContext * Context )
```

Constructor for the ExecSQLToFunctionCall rewriting check.

ExecSQLToFunctionCall constructor

The rule is created a new check using its `ClangTidyCheck` base class. Name and context are provided and stored locally. Some diag ids corresponding to errors handled by rule are created:

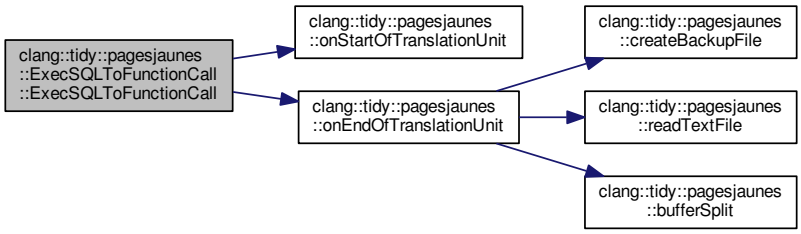
- unexpected_diag_id: Unexpected error
- no_error_diag_id: No error
- access_char_data_diag_id: Couldn't access memory buffer for comment (unexpected)
- cant_find_comment_diag_id: Comment not available (unexpected)
- comment_dont_match_diag_id: Invalid comment structure (unexpected)
- source_generation_failure_diag_id: Request source file generation failed (unexpected)
- header_generation_failure_diag_id: Request header file generation failed (unexpected)

Parameters

Name	A StringRef for the new check name
Context	The ClangTidyContext allowing to access other contextsInit check (super class) Init our TidyContext instance Request grouping option: Filename containing a json map for a group name indexing a vector of requests name

Definition at line 129 of file ExecSQLToFunctionCall.cpp.

Here is the call graph for this function:



7.33.4 Member Function Documentation

7.33.4.1 check()

```
void clang::tidy::pagesjaunes::ExecSQLToFunctionCall::check (
            const ast_matchers::MatchFinder::MatchResult &  )  [override]
```

This method is called each time a visited AST node matching our ASTMatcher is found.

check

This method will navigated and inspect the found AST nodes for:

- determining if the found nodes are elligible for rewrite
- extracting all necessary informations for computing rewrite location and code (find ProC generated comment)

Parameters

Result	The match result provided by the recursive visitor allowing us to access AST nodes bound to variables

Definition at line 621 of file ExecSQLToFunctionCall.cpp.

7.33.4.2 registerMatchers()

```
void clang::tidy::pagesjaunes::ExecSQLToFunctionCall::registerMatchers (
            ast_matchers::MatchFinder *  )  [override]
```

Register the ASTMatcher that will found nodes we are interested in.

registerMatchers

This method register 1 matcher for each oracle ProC generated statement to rewrite. The matcher bind elements we will use, for detecting the found statement we want to rewrite , and for writing new code.

Parameters

Finder	the recursive visitor that will use our matcher for sending us AST node.

Definition at line 264 of file ExecSQLToFunctionCall.cpp.

7.33.4.3 registerPPCallbacks()

```
void clang::tidy::pagesjaunes::ExecSQLToFunctionCall::registerPPCallbacks (
            CompilerInstance & compiler )  [override]
```

Register callback for intercepting all pre-processor actions.

ExecSQLToFunctionCall::registerPPCallbacks

Allows to register a callback for executing our actions at every C/C++ pre-processor processing. Thanks to this callback we will collect all string literal macro expansions.

Parameters

in	*compiler*	the compiler instance we will intercept

Definition at line 285 of file ExecSQLToFunctionCall.cpp.

7.33.4.4 storeOptions()

```
void clang::tidy::pagesjaunes::ExecSQLToFunctionCall::storeOptions (
            ClangTidyOptions::OptionMap & Opts )  [override]
```

Store options for this check.

storeOptions

This check support one option for customizing comment regex

- Generate-requests-headers
- Generate-requests-sources
- Generation-directory
- Generation-header-template
- Generation-source-template
- Generation-request-groups

Parameters

Opts	The option map in which to store supported options

Definition at line 237 of file ExecSQLToFunctionCall.cpp.

7.33.5 Member Data Documentation

7.33.5.1 m_req_assign_collector

```
std::vector<struct AssignmentRecord *> clang::tidy::pagesjaunes::ExecSQLToFunctionCall::m_↩
req_assign_collector  [protected]
```

Definition at line 174 of file ExecSQLToFunctionCall.h.

7.33.5.2 m_req_copy_collector

```
std::vector<struct StringLiteralRecord *> clang::tidy::pagesjaunes::ExecSQLToFunctionCall::m↩
_req_copy_collector  [protected]
```

Definition at line 117 of file ExecSQLToFunctionCall.h.

7.33.5.3 m_req_fmt_collector

```
std::vector<struct ReqFmtRecord *> clang::tidy::pagesjaunes::ExecSQLToFunctionCall::m_req_↩
fmt_collector  [protected]
```

Definition at line 223 of file ExecSQLToFunctionCall.h.

7.33.5.4 TidyContext

```
ClangTidyContext* clang::tidy::pagesjaunes::ExecSQLToFunctionCall::TidyContext
```

Definition at line 31 of file ExecSQLToFunctionCall.h.

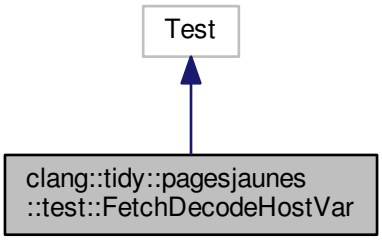
The documentation for this class was generated from the following files:

- ExecSQLToFunctionCall.h
- ExecSQLToFunctionCall.cpp

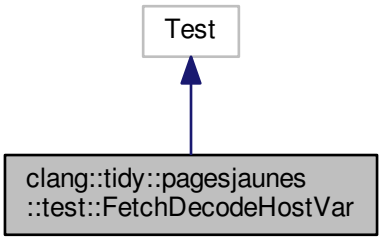
7.34 clang::tidy::pagesjaunes::test::FetchDecodeHostVar Class Reference

```
#include <fetch_decode_host_var.h>
```

Inheritance diagram for clang::tidy::pagesjaunes::test::FetchDecodeHostVar:



Collaboration diagram for clang::tidy::pagesjaunes::test::FetchDecodeHostVar:



Public Member Functions

- FetchDecodeHostVar ()
- virtual ~FetchDecodeHostVar ()
- virtual void SetUp (void)
- virtual void TearDown (void)
- void PrintTo (const FetchDecodeHostVar &, ::std::ostream *)
- llvm::Regex & get_fetch_re ()

7.34.1 Detailed Description

Definition at line 30 of file fetch_decode_host_var.h.

7.34.2 Constructor & Destructor Documentation

7.34.2.1 FetchDecodeHostVar()

```
clang::tidy::pagesjaunes::test::FetchDecodeHostVar::FetchDecodeHostVar ( )
```

Definition at line 26 of file fetch_decode_host_var.cpp.

7.34.2.2 ~FetchDecodeHostVar()

```
clang::tidy::pagesjaunes::test::FetchDecodeHostVar::~FetchDecodeHostVar ( )  [virtual]
```

Definition at line 31 of file fetch_decode_host_var.cpp.

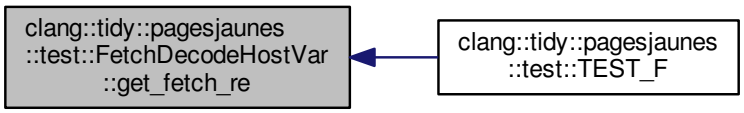
7.34.3 Member Function Documentation

7.34.3.1 get_fetch_re()

```
llvm::Regex& clang::tidy::pagesjaunes::test::FetchDecodeHostVar::get_fetch_re ( )  [inline]
```

Definition at line 43 of file fetch_decode_host_var.h.

Here is the caller graph for this function:



7.34.3.2 PrintTo()

```
void clang::tidy::pagesjaunes::test::FetchDecodeHostVar::PrintTo (
            const FetchDecodeHostVar & fetch_decode_host_var,
            ::std::ostream * os )
```

Definition at line 46 of file fetch_decode_host_var.cpp.

7.34.3.3 SetUp()

```
void clang::tidy::pagesjaunes::test::FetchDecodeHostVar::SetUp (
            void  )  [virtual]
```

Definition at line 36 of file fetch_decode_host_var.cpp.

7.34.3.4 TearDown()

```
void clang::tidy::pagesjaunes::test::FetchDecodeHostVar::TearDown (
            void  )  [virtual]
```

Definition at line 41 of file fetch_decode_host_var.cpp.

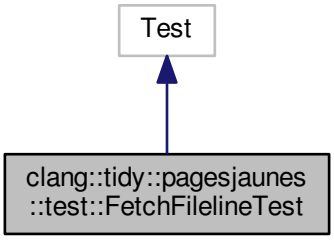
The documentation for this class was generated from the following files:

- test/fetch_decode_host_var.h
- test/fetch_decode_host_var.cpp

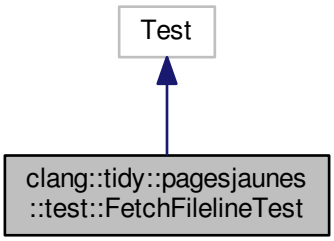
7.35 clang::tidy::pagesjaunes::test::FetchFilelineTest Class Reference

`#include <fetch_fileline_test.h>`

Inheritance diagram for clang::tidy::pagesjaunes::test::FetchFilelineTest:



Collaboration diagram for clang::tidy::pagesjaunes::test::FetchFilelineTest:



Public Member Functions

- FetchFilelineTest ()
- virtual ~FetchFilelineTest ()
- virtual void SetUp (void)
- virtual void TearDown (void)
- void PrintTo (const FetchFilelineTest &, ::std::ostream *)
- llvm::Regex & get_fetch_re ()

7.35.1 Detailed Description

Definition at line 30 of file fetch_fileline_test.h.

7.35.2 Constructor & Destructor Documentation

7.35.2.1 FetchFilelineTest()

```
clang::tidy::pagesjaunes::test::FetchFilelineTest::FetchFilelineTest ( )
```

Definition at line 26 of file fetch_fileline_test.cpp.

7.35.2.2 ~FetchFilelineTest()

```
clang::tidy::pagesjaunes::test::FetchFilelineTest::~FetchFilelineTest ( )  [virtual]
```

Definition at line 31 of file fetch_fileline_test.cpp.

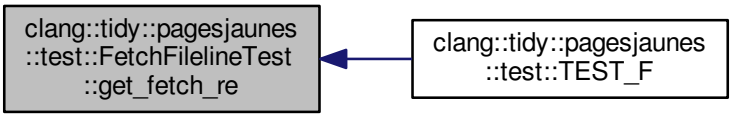
7.35.3 Member Function Documentation

7.35.3.1 get_fetch_re()

```
llvm::Regex& clang::tidy::pagesjaunes::test::FetchFilelineTest::get_fetch_re ( )  [inline]
```

Definition at line 43 of file fetch_fileline_test.h.

Here is the caller graph for this function:



7.35.3.2 PrintTo()

```
void clang::tidy::pagesjaunes::test::FetchFilelineTest::PrintTo (
            const FetchFilelineTest & fetch_fileline_test,
            ::std::ostream * os )
```

Definition at line 46 of file fetch_fileline_test.cpp.

7.35.3.3 SetUp()

```
void clang::tidy::pagesjaunes::test::FetchFilelineTest::SetUp (
            void ) [virtual]
```

Definition at line 36 of file fetch_fileline_test.cpp.

7.35.3.4 TearDown()

```
void clang::tidy::pagesjaunes::test::FetchFilelineTest::TearDown (
            void ) [virtual]
```

Definition at line 41 of file fetch_fileline_test.cpp.

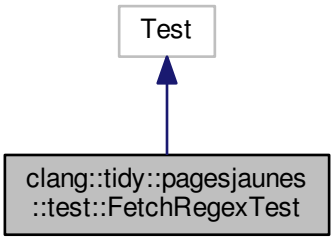
The documentation for this class was generated from the following files:

- test/fetch_fileline_test.h
- test/fetch_fileline_test.cpp

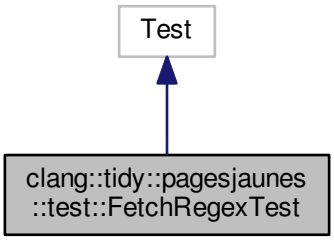
7.36 clang::tidy::pagesjaunes::test::FetchRegexTest Class Reference

```
#include <fetch_regex_test.h>
```

Inheritance diagram for clang::tidy::pagesjaunes::test::FetchRegexTest:



Collaboration diagram for clang::tidy::pagesjaunes::test::FetchRegexTest:



Public Member Functions

- FetchRegexTest ()
- virtual ~FetchRegexTest ()
- virtual void SetUp (void)
- virtual void TearDown (void)
- void PrintTo (const FetchRegexTest &, ::std::ostream *)
- llvm::Regex & get_fetch_re ()

7.36.1 Detailed Description

Definition at line 30 of file fetch_regex_test.h.

7.36.2 Constructor & Destructor Documentation

7.36.2.1 FetchRegexTest()

```
clang::tidy::pagesjaunes::test::FetchRegexTest::FetchRegexTest ( )
```

Definition at line 26 of file fetch_regex_test.cpp.

7.36.2.2 ~FetchRegexTest()

```
clang::tidy::pagesjaunes::test::FetchRegexTest::~FetchRegexTest ( )  [virtual]
```

Definition at line 31 of file fetch_regex_test.cpp.

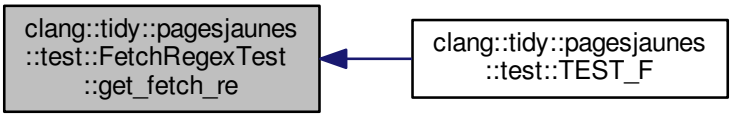
7.36.3 Member Function Documentation

7.36.3.1 get_fetch_re()

```
llvm::Regex& clang::tidy::pagesjaunes::test::FetchRegexTest::get_fetch_re ( )  [inline]
```

Definition at line 43 of file fetch_regex_test.h.

Here is the caller graph for this function:



7.36.3.2 PrintTo()

```
void clang::tidy::pagesjaunes::test::FetchRegexTest::PrintTo (
            const FetchRegexTest & fetch_regex_test,
            ::std::ostream * os )
```

Definition at line 46 of file fetch_regex_test.cpp.

7.36.3.3 SetUp()

```
void clang::tidy::pagesjaunes::test::FetchRegexTest::SetUp (
            void  )  [virtual]
```

Definition at line 36 of file fetch_regex_test.cpp.

7.36.3.4 TearDown()

```
void clang::tidy::pagesjaunes::test::FetchRegexTest::TearDown (
            void  )  [virtual]
```

Definition at line 41 of file fetch_regex_test.cpp.

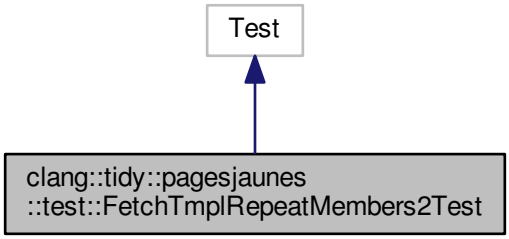
The documentation for this class was generated from the following files:

- test/fetch_regex_test.h
- test/fetch_regex_test.cpp

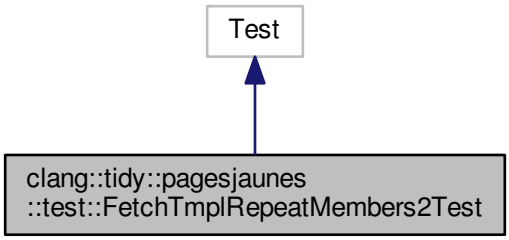
7.37 clang::tidy::pagesjaunes::test::FetchTmplRepeatMembers2Test Class Reference

```
#include <fetch_tmpl_repeat_members2_test.h>
```

Inheritance diagram for clang::tidy::pagesjaunes::test::FetchTmplRepeatMembers2Test:



Collaboration diagram for clang::tidy::pagesjaunes::test::FetchTmplRepeatMembers2Test:



Public Member Functions

- FetchTmplRepeatMembers2Test ()
- virtual ~FetchTmplRepeatMembers2Test ()
- virtual void SetUp (void)
- virtual void TearDown (void)
- void PrintTo (const FetchTmplRepeatMembers2Test &, ::std::ostream *)
- llvm::Regex & get_fetch_re ()

7.37.1 Detailed Description

Definition at line 30 of file fetch_tmpl_repeat_members2_test.h.

7.37.2 Constructor & Destructor Documentation

7.37.2.1 FetchTmplRepeatMembers2Test()

```
clang::tidy::pagesjaunes::test::FetchTmplRepeatMembers2Test::FetchTmplRepeatMembers2Test ( )
```

Definition at line 26 of file fetch_tmpl_repeat_members2_test.cpp.

7.37.2.2 ~FetchTmplRepeatMembers2Test()

```
clang::tidy::pagesjaunes::test::FetchTmplRepeatMembers2Test::~FetchTmplRepeatMembers2Test ( )
[virtual]
```

Definition at line 31 of file fetch_tmpl_repeat_members2_test.cpp.

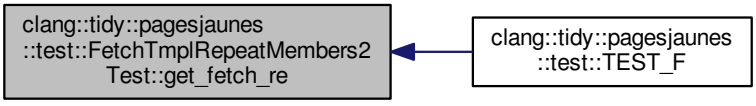
7.37.3 Member Function Documentation

7.37.3.1 get_fetch_re()

```
llvm::Regex& clang::tidy::pagesjaunes::test::FetchTmplRepeatMembers2Test::get_fetch_re ( )
[inline]
```

Definition at line 43 of file fetch_tmpl_repeat_members2_test.h.

Here is the caller graph for this function:



7.37.3.2 PrintTo()

```
void clang::tidy::pagesjaunes::test::FetchTmplRepeatMembers2Test::PrintTo (
            const FetchTmplRepeatMembers2Test & fetch_regex_test,
            ::std::ostream * os )
```

Definition at line 46 of file fetch_tmpl_repeat_members2_test.cpp.

7.37.3.3 SetUp()

```
void clang::tidy::pagesjaunes::test::FetchTmplRepeatMembers2Test::SetUp (
            void ) [virtual]
```

Definition at line 36 of file fetch_tmpl_repeat_members2_test.cpp.

7.37.3.4 TearDown()

```
void clang::tidy::pagesjaunes::test::FetchTmplRepeatMembers2Test::TearDown (
            void ) [virtual]
```

Definition at line 41 of file fetch_tmpl_repeat_members2_test.cpp.

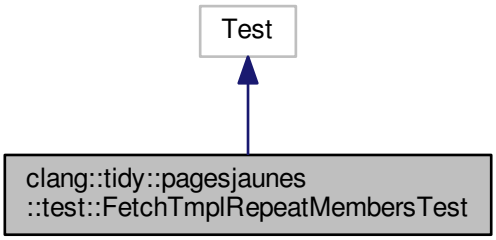
The documentation for this class was generated from the following files:

- test/fetch_tmpl_repeat_members2_test.h
- test/fetch_tmpl_repeat_members2_test.cpp

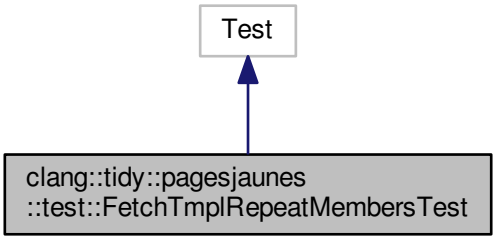
7.38 clang::tidy::pagesjaunes::test::FetchTmplRepeatMembersTest Class Reference

```
#include <fetch_tmpl_repeat_members_test.h>
```

Inheritance diagram for clang::tidy::pagesjaunes::test::FetchTmplRepeatMembersTest:



Collaboration diagram for clang::tidy::pagesjaunes::test::FetchTmplRepeatMembersTest:



Public Member Functions

- FetchTmplRepeatMembersTest ()
- virtual ~FetchTmplRepeatMembersTest ()
- virtual void SetUp (void)
- virtual void TearDown (void)
- void PrintTo (const FetchTmplRepeatMembersTest &, ::std::ostream *)
- llvm::Regex & get_fetch_re ()

7.38.1 Detailed Description

Definition at line 30 of file fetch_tmpl_repeat_members_test.h.

7.38.2 Constructor & Destructor Documentation

7.38.2.1 FetchTmplRepeatMembersTest()

```
clang::tidy::pagesjaunes::test::FetchTmplRepeatMembersTest::FetchTmplRepeatMembersTest ( )
```

Definition at line 26 of file fetch_tmpl_repeat_members_test.cpp.

7.38.2.2 ~FetchTmplRepeatMembersTest()

```
clang::tidy::pagesjaunes::test::FetchTmplRepeatMembersTest::~FetchTmplRepeatMembersTest ( )
[virtual]
```

Definition at line 31 of file fetch_tmpl_repeat_members_test.cpp.

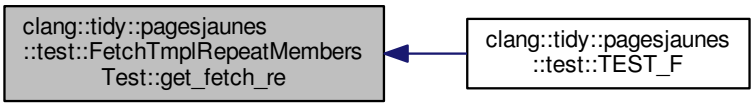
7.38.3 Member Function Documentation

7.38.3.1 get_fetch_re()

```
llvm::Regex& clang::tidy::pagesjaunes::test::FetchTmplRepeatMembersTest::get_fetch_re ( )
[inline]
```

Definition at line 43 of file fetch_tmpl_repeat_members_test.h.

Here is the caller graph for this function:



7.38.3.2 PrintTo()

```
void clang::tidy::pagesjaunes::test::FetchTmplRepeatMembersTest::PrintTo (
            const FetchTmplRepeatMembersTest & fetch_regex_test,
            ::std::ostream * os )
```

Definition at line 46 of file fetch_tmpl_repeat_members_test.cpp.

7.38.3.3 SetUp()

```
void clang::tidy::pagesjaunes::test::FetchTmplRepeatMembersTest::SetUp (
            void  )  [virtual]
```

Definition at line 36 of file fetch_tmpl_repeat_members_test.cpp.

7.38.3.4 TearDown()

```
void clang::tidy::pagesjaunes::test::FetchTmplRepeatMembersTest::TearDown (
            void  )  [virtual]
```

Definition at line 41 of file fetch_tmpl_repeat_members_test.cpp.

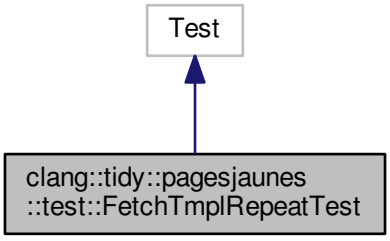
The documentation for this class was generated from the following files:

- test/fetch_tmpl_repeat_members_test.h
- test/fetch_tmpl_repeat_members_test.cpp

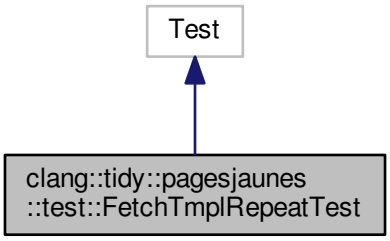
7.39 clang::tidy::pagesjaunes::test::FetchTmplRepeatTest Class Reference

```
#include <fetch_tmpl_repeat_test.h>
```

Inheritance diagram for clang::tidy::pagesjaunes::test::FetchTmplRepeatTest:



Collaboration diagram for clang::tidy::pagesjaunes::test::FetchTmplRepeatTest:



Public Member Functions

- FetchTmplRepeatTest ()
- virtual ~FetchTmplRepeatTest ()
- virtual void SetUp (void)
- virtual void TearDown (void)
- void PrintTo (const FetchTmplRepeatTest &, ::std::ostream *)
- llvm::Regex & get_fetch_re ()

7.39.1 Detailed Description

Definition at line 30 of file fetch_tmpl_repeat_test.h.

7.39.2 Constructor & Destructor Documentation

7.39.2.1 FetchTmplRepeatTest()

```
clang::tidy::pagesjaunes::test::FetchTmplRepeatTest::FetchTmplRepeatTest ( )
```

Definition at line 26 of file fetch_tmpl_repeat_test.cpp.

7.39.2.2 ~FetchTmplRepeatTest()

```
clang::tidy::pagesjaunes::test::FetchTmplRepeatTest::~FetchTmplRepeatTest ( )  [virtual]
```

Definition at line 31 of file fetch_tmpl_repeat_test.cpp.

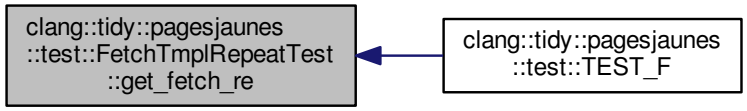
7.39.3 Member Function Documentation

7.39.3.1 get_fetch_re()

```
llvm::Regex& clang::tidy::pagesjaunes::test::FetchTmplRepeatTest::get_fetch_re ( )  [inline]
```

Definition at line 43 of file fetch_tmpl_repeat_test.h.

Here is the caller graph for this function:



7.39.3.2 PrintTo()

```
void clang::tidy::pagesjaunes::test::FetchTmplRepeatTest::PrintTo (
            const FetchTmplRepeatTest & fetch_regex_test,
            ::std::ostream * os )
```

Definition at line 46 of file fetch_tmpl_repeat_test.cpp.

7.39.3.3 SetUp()

```
void clang::tidy::pagesjaunes::test::FetchTmplRepeatTest::SetUp (
            void ) [virtual]
```

Definition at line 36 of file fetch_tmpl_repeat_test.cpp.

7.39.3.4 TearDown()

```
void clang::tidy::pagesjaunes::test::FetchTmplRepeatTest::TearDown (
            void ) [virtual]
```

Definition at line 41 of file fetch_tmpl_repeat_test.cpp.

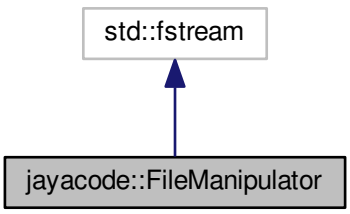
The documentation for this class was generated from the following files:

- test/fetch_tmpl_repeat_test.h
- test/fetch_tmpl_repeat_test.cpp

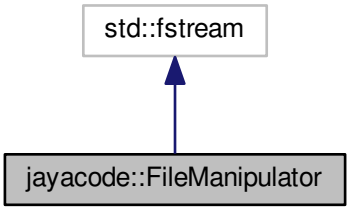
7.40 jayacode::FileManipulator Class Reference

```
#include <FileManipulator.h>
```

Inheritance diagram for jayacode::FileManipulator:



Collaboration diagram for jayacode::FileManipulator:



Public Member Functions

- FileManipulator (void)
- FileManipulator (const char *, std::ios_base::openmode mode=ios_base::in|ios_base::out)
- virtual ~FileManipulator (void)
- void create_line_number_mapping (void)
- void reset_line_number_mapping (void)
- std::string & operator[ ] (unsigned int)
- void set_line (unsigned int, const std::string &)
- unsigned int get_number_of_lines (void)
- std::streamsize size (void)

7.40.1 Detailed Description

Definition at line 20 of file FileManipulator.h.

7.40.2 Constructor & Destructor Documentation

7.40.2.1 FileManipulator() [1/2]

```
jayacode::FileManipulator::FileManipulator (
            void  )
```

Default constructor

Definition at line 19 of file FileManipulator.cpp.

7.40.2.2 FileManipulator() [2/2]

```
jayacode::FileManipulator::FileManipulator (
            const char * ,
            std::ios_base::openmode mode = ios_base::in|ios_base::out )  [explicit]
```

7.40.2.3 ~FileManipulator()

```
jayacode::FileManipulator::~FileManipulator (
            void  )  [virtual]
```

Destructor

Definition at line 39 of file FileManipulator.cpp.

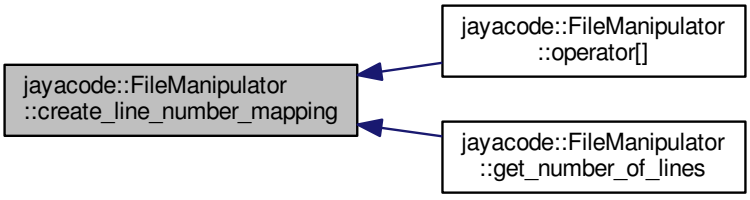
7.40.3 Member Function Documentation

7.40.3.1 create_line_number_mapping()

```
void jayacode::FileManipulator::create_line_number_mapping (
            void  )
```

Definition at line 87 of file FileManipulator.cpp.

Here is the caller graph for this function:

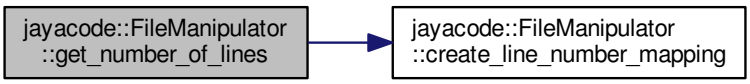


7.40.3.2 get_number_of_lines()

```
unsigned int jayacode::FileManipulator::get_number_of_lines (
            void  )
```

Definition at line 72 of file FileManipulator.cpp.

Here is the call graph for this function:

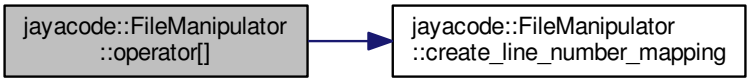


7.40.3.3 operator[]()

```
std::string & jayacode::FileManipulator::operator[] (
            unsigned int linen )
```

Definition at line 47 of file FileManipulator.cpp.

Here is the call graph for this function:



7.40.3.4 reset_line_number_mapping()

```
void jayacode::FileManipulator::reset_line_number_mapping (
            void  )
```

Definition at line 122 of file FileManipulator.cpp.

7.40.3.5 set_line()

```
void jayacode::FileManipulator::set_line (
            unsigned int linen,
            const std::string & line )
```

Definition at line 60 of file FileManipulator.cpp.

7.40.3.6 size()

```
std::streamsize jayacode::FileManipulator::size (
            void  )  [inline]
```

Definition at line 40 of file FileManipulator.h.

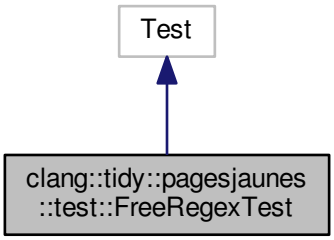
The documentation for this class was generated from the following files:

- FileManipulator.h
- FileManipulator.cpp

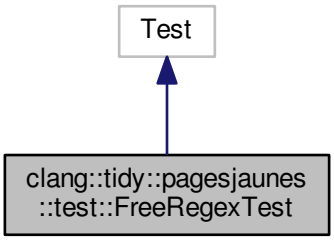
7.41 clang::tidy::pagesjaunes::test::FreeRegexTest Class Reference

```
#include <free_regex_test.h>
```

Inheritance diagram for clang::tidy::pagesjaunes::test::FreeRegexTest:



Collaboration diagram for clang::tidy::pagesjaunes::test::FreeRegexTest:



Public Member Functions

- FreeRegexTest ()
- virtual ~FreeRegexTest ()
- virtual void SetUp (void)
- virtual void TearDown (void)
- void PrintTo (const FreeRegexTest &, ::std::ostream *)
- llvm::Regex & get_free_re ()

7.41.1 Detailed Description

Definition at line 30 of file free_regex_test.h.

7.41.2 Constructor & Destructor Documentation

7.41.2.1 FreeRegexTest()

```
clang::tidy::pagesjaunes::test::FreeRegexTest::FreeRegexTest ( )
```

Definition at line 26 of file free_regex_test.cpp.

7.41.2.2 ~FreeRegexTest()

```
clang::tidy::pagesjaunes::test::FreeRegexTest::~FreeRegexTest ( )  [virtual]
```

Definition at line 31 of file free_regex_test.cpp.

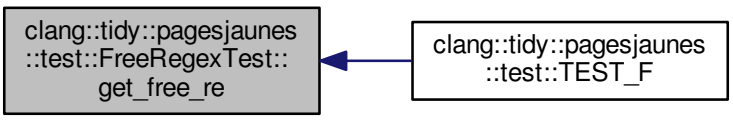
7.41.3 Member Function Documentation

7.41.3.1 get_free_re()

```
llvm::Regex& clang::tidy::pagesjaunes::test::FreeRegexTest::get_free_re ( )  [inline]
```

Definition at line 43 of file free_regex_test.h.

Here is the caller graph for this function:



7.41.3.2 PrintTo()

```
void clang::tidy::pagesjaunes::test::FreeRegexTest::PrintTo (
            const FreeRegexTest & free_regex_test,
            ::std::ostream * os )
```

Definition at line 46 of file free_regex_test.cpp.

7.41.3.3 SetUp()

```
void clang::tidy::pagesjaunes::test::FreeRegexTest::SetUp (
            void  )  [virtual]
```

Definition at line 36 of file free_regex_test.cpp.

7.41.3.4 TearDown()

```
void clang::tidy::pagesjaunes::test::FreeRegexTest::TearDown (
            void  )  [virtual]
```

Definition at line 41 of file free_regex_test.cpp.

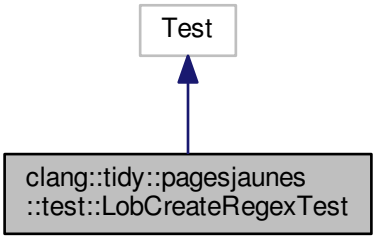
The documentation for this class was generated from the following files:

- test/free_regex_test.h
- test/free_regex_test.cpp

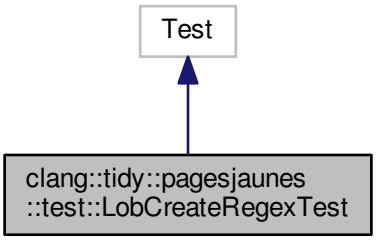
7.42 clang::tidy::pagesjaunes::test::LobCreateRegexTest Class Reference

```
#include <lob_create_regex_test.h>
```

Inheritance diagram for clang::tidy::pagesjaunes::test::LobCreateRegexTest:



Collaboration diagram for clang::tidy::pagesjaunes::test::LobCreateRegexTest:



Public Member Functions

- LobCreateRegexTest ()
- virtual ~LobCreateRegexTest ()
- virtual void SetUp (void)
- virtual void TearDown (void)
- void PrintTo (const LobCreateRegexTest &, ::std::ostream *)
- llvm::Regex & get_lob_create_re ()

7.42.1 Detailed Description

Definition at line 30 of file lob_create_regex_test.h.

7.42.2 Constructor & Destructor Documentation

7.42.2.1 LobCreateRegexTest()

```
clang::tidy::pagesjaunes::test::LobCreateRegexTest::LobCreateRegexTest ( )
```

Definition at line 26 of file lob_create_regex_test.cpp.

7.42.2.2 ~LobCreateRegexTest()

```
clang::tidy::pagesjaunes::test::LobCreateRegexTest::~LobCreateRegexTest ( )  [virtual]
```

Definition at line 31 of file lob_create_regex_test.cpp.

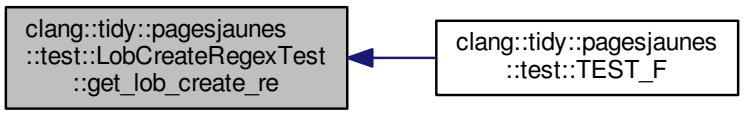
7.42.3 Member Function Documentation

7.42.3.1 get_lob_create_re()

```
llvm::Regex& clang::tidy::pagesjaunes::test::LobCreateRegexTest::get_lob_create_re ( )  [inline]
```

Definition at line 43 of file lob_create_regex_test.h.

Here is the caller graph for this function:



7.42.3.2 PrintTo()

```
void clang::tidy::pagesjaunes::test::LobCreateRegexTest::PrintTo (
            const LobCreateRegexTest & lob_create_regex_test,
            ::std::ostream * os )
```

Definition at line 46 of file lob_create_regex_test.cpp.

7.42.3.3 SetUp()

```
void clang::tidy::pagesjaunes::test::LobCreateRegexTest::SetUp (
            void ) [virtual]
```

Definition at line 36 of file lob_create_regex_test.cpp.

7.42.3.4 TearDown()

```
void clang::tidy::pagesjaunes::test::LobCreateRegexTest::TearDown (
            void ) [virtual]
```

Definition at line 41 of file lob_create_regex_test.cpp.

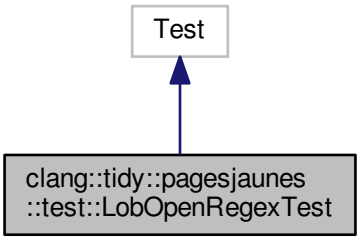
The documentation for this class was generated from the following files:

- test/lob_create_regex_test.h
- test/lob_create_regex_test.cpp

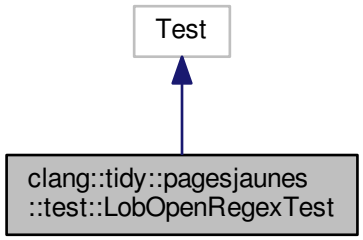
7.43 clang::tidy::pagesjaunes::test::LobOpenRegexTest Class Reference

```
#include <lob_open_regex_test.h>
```

Inheritance diagram for clang::tidy::pagesjaunes::test::LobOpenRegexTest:



Collaboration diagram for clang::tidy::pagesjaunes::test::LobOpenRegexTest:



Public Member Functions

- LobOpenRegexTest ()
- virtual ~LobOpenRegexTest ()
- virtual void SetUp (void)
- virtual void TearDown (void)
- void PrintTo (const LobOpenRegexTest &, ::std::ostream *)
- llvm::Regex & get_lob_open_re ()

7.43.1 Detailed Description

Definition at line 30 of file lob_open_regex_test.h.

7.43.2 Constructor & Destructor Documentation

7.43.2.1 LobOpenRegexTest()

```
clang::tidy::pagesjaunes::test::LobOpenRegexTest::LobOpenRegexTest ( )
```

Definition at line 26 of file lob_open_regex_test.cpp.

7.43.2.2 ~LobOpenRegexTest()

```
clang::tidy::pagesjaunes::test::LobOpenRegexTest::~LobOpenRegexTest ( )  [virtual]
```

Definition at line 31 of file lob_open_regex_test.cpp.

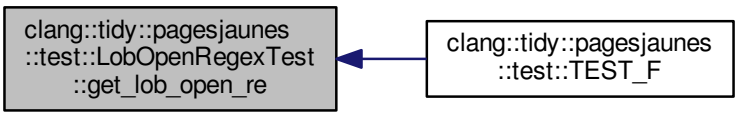
7.43.3 Member Function Documentation

7.43.3.1 get_lob_open_re()

```
llvm::Regex& clang::tidy::pagesjaunes::test::LobOpenRegexTest::get_lob_open_re ( )  [inline]
```

Definition at line 43 of file lob_open_regex_test.h.

Here is the caller graph for this function:



7.43.3.2 PrintTo()

```
void clang::tidy::pagesjaunes::test::LobOpenRegexTest::PrintTo (
            const LobOpenRegexTest & lob_open_regex_test,
            ::std::ostream * os )
```

Definition at line 46 of file lob_open_regex_test.cpp.

7.43.3.3 SetUp()

```
void clang::tidy::pagesjaunes::test::LobOpenRegexTest::SetUp (
            void  )  [virtual]
```

Definition at line 36 of file lob_open_regex_test.cpp.

7.43.3.4 TearDown()

```
void clang::tidy::pagesjaunes::test::LobOpenRegexTest::TearDown (
            void  )  [virtual]
```

Definition at line 41 of file lob_open_regex_test.cpp.

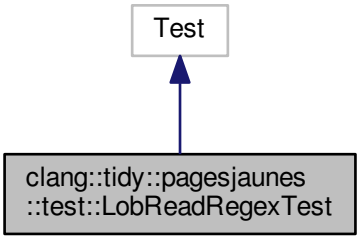
The documentation for this class was generated from the following files:

- test/lob_open_regex_test.h
- test/lob_open_regex_test.cpp

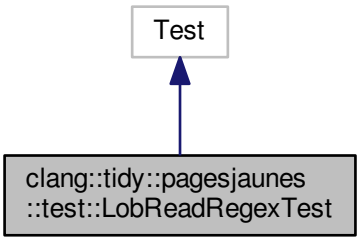
7.44 clang::tidy::pagesjaunes::test::LobReadRegexTest Class Reference

`#include <lob_read_regex_test.h>`

Inheritance diagram for clang::tidy::pagesjaunes::test::LobReadRegexTest:



Collaboration diagram for clang::tidy::pagesjaunes::test::LobReadRegexTest:



Public Member Functions

- LobReadRegexTest ()
- virtual ~LobReadRegexTest ()
- virtual void SetUp (void)
- virtual void TearDown (void)
- void PrintTo (const LobReadRegexTest &, ::std::ostream *)
- llvm::Regex & get_lob_read_re ()

7.44.1 Detailed Description

Definition at line 30 of file lob_read_regex_test.h.

7.44.2 Constructor & Destructor Documentation

7.44.2.1 LobReadRegexTest()

```
clang::tidy::pagesjaunes::test::LobReadRegexTest::LobReadRegexTest ( )
```

Definition at line 26 of file lob_read_regex_test.cpp.

7.44.2.2 ~LobReadRegexTest()

```
clang::tidy::pagesjaunes::test::LobReadRegexTest::~LobReadRegexTest ( )  [virtual]
```

Definition at line 31 of file lob_read_regex_test.cpp.

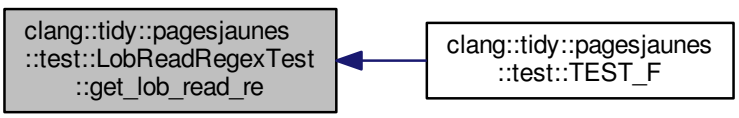
7.44.3 Member Function Documentation

7.44.3.1 get_lob_read_re()

```
llvm::Regex& clang::tidy::pagesjaunes::test::LobReadRegexTest::get_lob_read_re ( )  [inline]
```

Definition at line 43 of file lob_read_regex_test.h.

Here is the caller graph for this function:



7.44.3.2 PrintTo()

```
void clang::tidy::pagesjaunes::test::LobReadRegexTest::PrintTo (
            const LobReadRegexTest & lob_read_regex_test,
            ::std::ostream * os )
```

Definition at line 46 of file lob_read_regex_test.cpp.

7.44.3.3 SetUp()

```
void clang::tidy::pagesjaunes::test::LobReadRegexTest::SetUp (
            void  )  [virtual]
```

Definition at line 36 of file lob_read_regex_test.cpp.

7.44.3.4 TearDown()

```
void clang::tidy::pagesjaunes::test::LobReadRegexTest::TearDown (
            void  )  [virtual]
```

Definition at line 41 of file lob_read_regex_test.cpp.

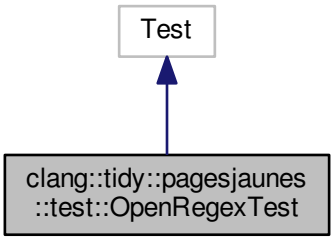
The documentation for this class was generated from the following files:

- test/lob_read_regex_test.h
- test/lob_read_regex_test.cpp

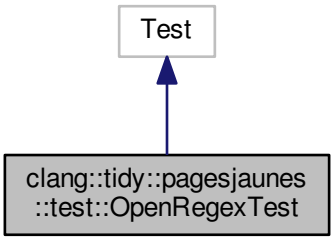
7.45 clang::tidy::pagesjaunes::test::OpenRegexTest Class Reference

```
#include <open_regex_test.h>
```

Inheritance diagram for clang::tidy::pagesjaunes::test::OpenRegexTest:



Collaboration diagram for clang::tidy::pagesjaunes::test::OpenRegexTest:



Public Member Functions

- OpenRegexTest ()
- virtual ~OpenRegexTest ()
- virtual void SetUp (void)
- virtual void TearDown (void)
- void PrintTo (const OpenRegexTest &, ::std::ostream *)
- llvm::Regex & get_open_re ()

7.45.1 Detailed Description

Definition at line 30 of file open_regex_test.h.

7.45.2 Constructor & Destructor Documentation

7.45.2.1 OpenRegexTest()

```
clang::tidy::pagesjaunes::test::OpenRegexTest::OpenRegexTest ( )
```

Definition at line 26 of file open_regex_test.cpp.

7.45.2.2 ~OpenRegexTest()

```
clang::tidy::pagesjaunes::test::OpenRegexTest::~OpenRegexTest ( )  [virtual]
```

Definition at line 31 of file open_regex_test.cpp.

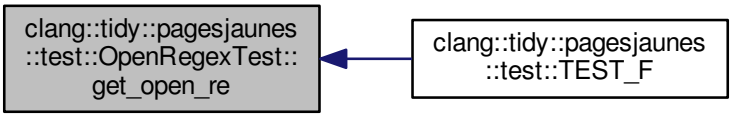
7.45.3 Member Function Documentation

7.45.3.1 get_open_re()

```
llvm::Regex& clang::tidy::pagesjaunes::test::OpenRegexTest::get_open_re ( )  [inline]
```

Definition at line 43 of file open_regex_test.h.

Here is the caller graph for this function:



7.45.3.2 PrintTo()

```
void clang::tidy::pagesjaunes::test::OpenRegexTest::PrintTo (
            const OpenRegexTest & open_regex_test,
            ::std::ostream * os )
```

Definition at line 46 of file open_regex_test.cpp.

7.45.3.3 SetUp()

```
void clang::tidy::pagesjaunes::test::OpenRegexTest::SetUp (
            void  )  [virtual]
```

Definition at line 36 of file open_regex_test.cpp.

7.45.3.4 TearDown()

```
void clang::tidy::pagesjaunes::test::OpenRegexTest::TearDown (
            void  )  [virtual]
```

Definition at line 41 of file open_regex_test.cpp.

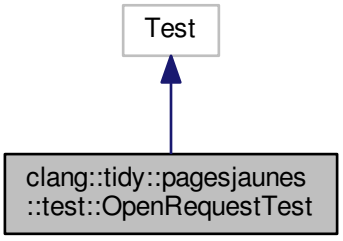
The documentation for this class was generated from the following files:

- test/open_regex_test.h
- test/open_regex_test.cpp

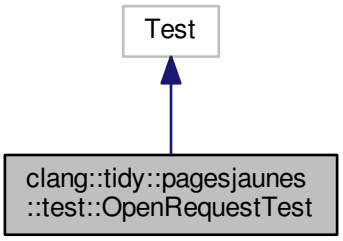
7.46 clang::tidy::pagesjaunes::test::OpenRequestTest Class Reference

```
#include <open_request_test.h>
```

Inheritance diagram for clang::tidy::pagesjaunes::test::OpenRequestTest:



Collaboration diagram for clang::tidy::pagesjaunes::test::OpenRequestTest:



Public Member Functions

- OpenRequestTest ()
- virtual ~OpenRequestTest ()
- virtual void SetUp (void)
- virtual void TearDown (void)
- void PrintTo (const OpenRequestTest &, ::std::ostream *)
- llvm::Regex & get_open_re ()

7.46.1 Detailed Description

Definition at line 30 of file open_request_test.h.

7.46.2 Constructor & Destructor Documentation

7.46.2.1 OpenRequestTest()

```
clang::tidy::pagesjaunes::test::OpenRequestTest::OpenRequestTest ( )
```

Definition at line 26 of file open_request_test.cpp.

7.46.2.2 ~OpenRequestTest()

```
clang::tidy::pagesjaunes::test::OpenRequestTest::~OpenRequestTest ( )  [virtual]
```

Definition at line 31 of file open_request_test.cpp.

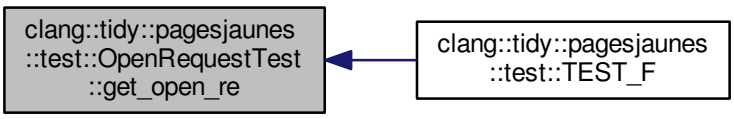
7.46.3 Member Function Documentation

7.46.3.1 get_open_re()

```
llvm::Regex& clang::tidy::pagesjaunes::test::OpenRequestTest::get_open_re ( )  [inline]
```

Definition at line 43 of file open_request_test.h.

Here is the caller graph for this function:



7.46.3.2 PrintTo()

```
void clang::tidy::pagesjaunes::test::OpenRequestTest::PrintTo (
            const OpenRequestTest & open_request_test,
            ::std::ostream * os )
```

Definition at line 46 of file open_request_test.cpp.

7.46.3.3 SetUp()

```
void clang::tidy::pagesjaunes::test::OpenRequestTest::SetUp (
            void ) [virtual]
```

Definition at line 36 of file open_request_test.cpp.

7.46.3.4 TearDown()

```
void clang::tidy::pagesjaunes::test::OpenRequestTest::TearDown (
            void ) [virtual]
```

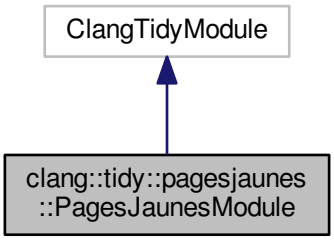
Definition at line 41 of file open_request_test.cpp.

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

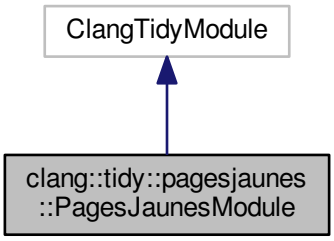
- test/open_request_test.h
- test/open_request_test.cpp

7.47 clang::tidy::pagesjaunes::PagesJaunesModule Class Reference

Inheritance diagram for clang::tidy::pagesjaunes::PagesJaunesModule:



Collaboration diagram for clang::tidy::pagesjaunes::PagesJaunesModule:



Public Member Functions

- void addCheckFactories (ClangTidyCheckFactories &CheckFactories) override
- ClangTidyOptions getModuleOptions () override

7.47.1 Detailed Description

Definition at line 37 of file PagesJaunesTidyModule.cpp.

7.47.2 Member Function Documentation

7.47.2.1 addCheckFactories()

```
void clang::tidy::pagesjaunes::PagesJaunesModule::addCheckFactories (
            ClangTidyCheckFactories & CheckFactories )  [inline], [override]
```

Register all checks of PageJaunes module

Definition at line 44 of file PagesJaunesTidyModule.cpp.

7.47.2.2 getModuleOptions()

```
ClangTidyOptions clang::tidy::pagesjaunes::PagesJaunesModule::getModuleOptions ( )  [inline],
[override]
```

Register checks options Options are available in order to enable(1)/disable(0) processing of each possible string manipulation functions.

Definition at line 67 of file PagesJaunesTidyModule.cpp.

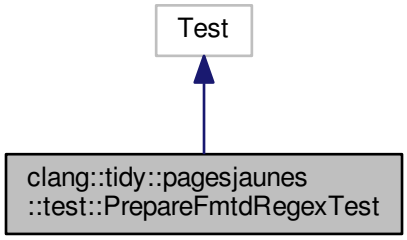
The documentation for this class was generated from the following file:

- PagesJaunesTidyModule.cpp

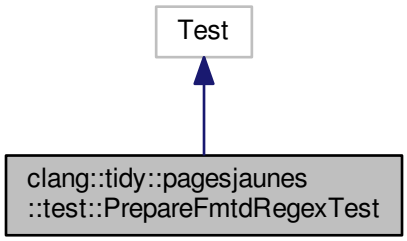
7.48 clang::tidy::pagesjaunes::test::PrepareFmtdRegexTest Class Reference

`#include <prepare_fmtd_regex_test.h>`

Inheritance diagram for clang::tidy::pagesjaunes::test::PrepareFmtdRegexTest:



Collaboration diagram for clang::tidy::pagesjaunes::test::PrepareFmtdRegexTest:



Public Member Functions

- PrepareFmtdRegexTest ()
- virtual ~PrepareFmtdRegexTest ()
- virtual void SetUp (void)
- virtual void TearDown (void)
- void PrintTo (const PrepareFmtdRegexTest &, ::std::ostream *)
- llvm::Regex & get_prepare_fmtd_re ()

7.48.1 Detailed Description

Definition at line 30 of file prepare_fmtd_regex_test.h.

7.48.2 Constructor & Destructor Documentation

7.48.2.1 PrepareFmtdRegexTest()

```
clang::tidy::pagesjaunes::test::PrepareFmtdRegexTest::PrepareFmtdRegexTest ( )
```

Definition at line 26 of file prepare_fmtd_regex_test.cpp.

7.48.2.2 ~PrepareFmtdRegexTest()

```
clang::tidy::pagesjaunes::test::PrepareFmtdRegexTest::~PrepareFmtdRegexTest ( )  [virtual]
```

Definition at line 31 of file prepare_fmtd_regex_test.cpp.

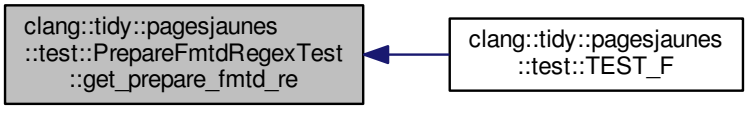
7.48.3 Member Function Documentation

7.48.3.1 get_prepare_fmtd_re()

```
llvm::Regex& clang::tidy::pagesjaunes::test::PrepareFmtdRegexTest::get_prepare_fmtd_re ( )
[inline]
```

Definition at line 43 of file prepare_fmtd_regex_test.h.

Here is the caller graph for this function:



7.48.3.2 PrintTo()

```
void clang::tidy::pagesjaunes::test::PrepareFmtdRegexTest::PrintTo (
            const PrepareFmtdRegexTest & prepare_fmtd_regex_test,
            ::std::ostream * os )
```

Definition at line 46 of file prepare_fmtd_regex_test.cpp.

7.48.3.3 SetUp()

```
void clang::tidy::pagesjaunes::test::PrepareFmtdRegexTest::SetUp (
            void ) [virtual]
```

Definition at line 36 of file prepare_fmtd_regex_test.cpp.

7.48.3.4 TearDown()

```
void clang::tidy::pagesjaunes::test::PrepareFmtdRegexTest::TearDown (
            void ) [virtual]
```

Definition at line 41 of file prepare_fmtd_regex_test.cpp.

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

- test/prepare_fmtd_regex_test.h
- test/prepare_fmtd_regex_test.cpp

7.49 clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::ReqFmtRecord Struct Reference

```
#include <ExecSQLPrepareFmtdToFunctionCall.h>
```

Public Attributes

- const CallExpr * callExpr
- const DeclRefExpr * arg0
- unsigned callexpr_linenum

7.49.1 Detailed Description

Definition at line 230 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.49.2 Member Data Documentation

7.49.2.1 arg0

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::ReqFmtRecord↩
::arg0
```

Definition at line 233 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.49.2.2 callExpr

```
const CallExpr* clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::ReqFmtRecord↩
::callExpr
```

Definition at line 232 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.49.2.3 callexpr_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::ReqFmtRecord::callexpr_↩
linenum
```

Definition at line 234 of file ExecSQLPrepareFmtdToFunctionCall.h.

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

- ExecSQLPrepareFmtdToFunctionCall.h

7.50 clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::ReqFmtRecord Struct Reference

```
#include <ExecSQLLOBCreateToFunctionCall.h>
```

Public Attributes

- const CallExpr * callExpr
- const DeclRefExpr * arg0
- unsigned callexpr_linenum

7.50.1 Detailed Description

Definition at line 215 of file ExecSQLLOBCreateToFunctionCall.h.

7.50.2 Member Data Documentation

7.50.2.1 arg0

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::ReqFmtRecord↩
::arg0
```

Definition at line 218 of file ExecSQLLOBCreateToFunctionCall.h.

7.50.2.2 callExpr

```
const CallExpr* clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::ReqFmtRecord::call↩
Expr
```

Definition at line 217 of file ExecSQLLOBCreateToFunctionCall.h.

7.50.2.3 callexpr_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::ReqFmtRecord::callexpr_↩
linenum
```

Definition at line 219 of file ExecSQLLOBCreateToFunctionCall.h.

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

- ExecSQLLOBCreateToFunctionCall.h

7.51 clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::ReqFmtRecord Struct Reference

```
#include <ExecSQLLOBOpenToFunctionCall.h>
```

Public Attributes

- const CallExpr * callExpr
- const DeclRefExpr * arg0
- unsigned callexpr_linenum

7.51.1 Detailed Description

Definition at line 215 of file ExecSQLLOBOpenToFunctionCall.h.

7.51.2 Member Data Documentation

7.51.2.1 arg0

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::ReqFmtRecord::arg0
```

Definition at line 218 of file ExecSQLLOBOpenToFunctionCall.h.

7.51.2.2 callExpr

```
const CallExpr* clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::ReqFmtRecord::callExpr
```

Definition at line 217 of file ExecSQLLOBOpenToFunctionCall.h.

7.51.2.3 callexpr_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::ReqFmtRecord::callexpr_↩
linenum
```

Definition at line 219 of file ExecSQLLOBOpenToFunctionCall.h.

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

- ExecSQLLOBOpenToFunctionCall.h

7.52 clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::ReqFmtRecord Struct Reference

```
#include <ExecSQLFreeToFunctionCall.h>
```

Public Attributes

- const CallExpr * callExpr
- const DeclRefExpr * arg0
- unsigned callexpr_linenum

7.52.1 Detailed Description

Definition at line 215 of file ExecSQLFreeToFunctionCall.h.

7.52.2 Member Data Documentation

7.52.2.1 arg0

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::ReqFmtRecord::arg0
```

Definition at line 218 of file ExecSQLFreeToFunctionCall.h.

7.52.2.2 callExpr

```
const CallExpr* clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::ReqFmtRecord::callExpr
```

Definition at line 217 of file ExecSQLFreeToFunctionCall.h.

7.52.2.3 callexpr_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::ReqFmtRecord::callexpr_linenum
```

Definition at line 219 of file ExecSQLFreeToFunctionCall.h.

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

- ExecSQLFreeToFunctionCall.h

7.53 clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::ReqFmtRecord Struct Reference

```
#include <ExecSQLLOBReadToFunctionCall.h>
```

Public Attributes

- const CallExpr * callExpr
- const DeclRefExpr * arg0
- unsigned callexpr_linenum

7.53.1 Detailed Description

Definition at line 107 of file ExecSQLLOBReadToFunctionCall.h.

7.53.2 Member Data Documentation

7.53.2.1 arg0

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::ReqFmtRecord::arg0
```

Definition at line 110 of file ExecSQLLOBReadToFunctionCall.h.

7.53.2.2 callExpr

```
const CallExpr* clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::ReqFmtRecord::callExpr
```

Definition at line 109 of file ExecSQLLOBReadToFunctionCall.h.

7.53.2.3 callexpr_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::ReqFmtRecord::callexpr_↩
linenum
```

Definition at line 111 of file ExecSQLLOBReadToFunctionCall.h.

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

- ExecSQLLOBReadToFunctionCall.h

7.54 clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::ReqFmtRecord Struct Reference

```
#include <ExecSQLAllocateToFunctionCall.h>
```

Public Attributes

- const CallExpr * callExpr
- const DeclRefExpr * arg0
- unsigned callexpr_linenum

7.54.1 Detailed Description

Definition at line 215 of file ExecSQLAllocateToFunctionCall.h.

7.54.2 Member Data Documentation

7.54.2.1 arg0

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::ReqFmtRecord::arg0
```

Definition at line 218 of file ExecSQLAllocateToFunctionCall.h.

7.54.2.2 callExpr

```
const CallExpr* clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::ReqFmtRecord::call↩
Expr
```

Definition at line 217 of file ExecSQLAllocateToFunctionCall.h.

7.54.2.3 callexpr_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::ReqFmtRecord::callexpr_↩
linenum
```

Definition at line 219 of file ExecSQLAllocateToFunctionCall.h.

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

- ExecSQLAllocateToFunctionCall.h

7.55 clang::tidy::pagesjaunes::ExecSQLToFunctionCall::ReqFmtRecord Struct Reference

```
#include <ExecSQLToFunctionCall.h>
```

Public Attributes

- const CallExpr * callExpr
- const DeclRefExpr * arg0
- unsigned callexpr_linenum

7.55.1 Detailed Description

Definition at line 215 of file ExecSQLToFunctionCall.h.

7.55.2 Member Data Documentation

7.55.2.1 arg0

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLToFunctionCall::ReqFmtRecord::arg0
```

Definition at line 218 of file ExecSQLToFunctionCall.h.

7.55.2.2 callExpr

```
const CallExpr* clang::tidy::pagesjaunes::ExecSQLToFunctionCall::ReqFmtRecord::callExpr
```

Definition at line 217 of file ExecSQLToFunctionCall.h.

7.55.2.3 callexpr_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLToFunctionCall::ReqFmtRecord::callexpr_linenum
```

Definition at line 219 of file ExecSQLToFunctionCall.h.

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

- ExecSQLToFunctionCall.h

7.56 clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::ReqFmtRecord Struct Reference

```
#include <ExecSQLLOBCloseToFunctionCall.h>
```

Public Attributes

- const CallExpr * callExpr
- const DeclRefExpr * arg0
- unsigned callexpr_linenum

7.56.1 Detailed Description

Definition at line 233 of file ExecSQLLOBCloseToFunctionCall.h.

7.56.2 Member Data Documentation

7.56.2.1 arg0

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::ReqFmtRecord::arg0
```

Definition at line 236 of file ExecSQLLOBCloseToFunctionCall.h.

7.56.2.2 callExpr

```
const CallExpr* clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::ReqFmtRecord::call↩
Expr
```

Definition at line 235 of file ExecSQLLOBCloseToFunctionCall.h.

7.56.2.3 callexpr_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::ReqFmtRecord::callexpr_↩
linenum
```

Definition at line 237 of file ExecSQLLOBCloseToFunctionCall.h.

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

- ExecSQLLOBCloseToFunctionCall.h

7.57 clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::ReqFmtRecord Struct Reference

```
#include <ExecSQLForToFunctionCall.h>
```

Public Attributes

- const CallExpr * callExpr
- const DeclRefExpr * arg0
- unsigned callexpr_linenum

7.57.1 Detailed Description

Definition at line 215 of file ExecSQLForToFunctionCall.h.

7.57.2 Member Data Documentation

7.57.2.1 arg0

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::ReqFmtRecord::arg0
```

Definition at line 218 of file ExecSQLForToFunctionCall.h.

7.57.2.2 callExpr

```
const CallExpr* clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::ReqFmtRecord::callExpr
```

Definition at line 217 of file ExecSQLForToFunctionCall.h.

7.57.2.3 callexpr_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::ReqFmtRecord::callexpr_linenum
```

Definition at line 219 of file ExecSQLForToFunctionCall.h.

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

- ExecSQLForToFunctionCall.h

7.58 clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::ReqFmtRecord Struct Reference

```
#include <ExecSQLLOBFreeToFunctionCall.h>
```

Public Attributes

- const CallExpr * callExpr
- const DeclRefExpr * arg0
- unsigned callexpr_linenum

7.58.1 Detailed Description

Definition at line 215 of file ExecSQLLOBFreeToFunctionCall.h.

7.58.2 Member Data Documentation

7.58.2.1 arg0

```
const DeclRefExpr* clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::ReqFmtRecord::arg0
```

Definition at line 218 of file ExecSQLLOBFreeToFunctionCall.h.

7.58.2.2 callExpr

```
const CallExpr* clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::ReqFmtRecord::callExpr
```

Definition at line 217 of file ExecSQLLOBFreeToFunctionCall.h.

7.58.2.3 callexpr_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::ReqFmtRecord::callexpr_↩
linenum
```

Definition at line 219 of file ExecSQLLOBFreeToFunctionCall.h.

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

- ExecSQLLOBFreeToFunctionCall.h

7.59 clang::tidy::pagesjaunes::test::BackupFile::SHA256 Class Reference

```
#include <backup_file.h>
```

Public Member Functions

- void init ()
- void update (const unsigned char *message, unsigned int len)
- void final (unsigned char *digest)

Static Public Attributes

- static const unsigned int DIGEST_SIZE = (256 / 8)

Protected Types

- typedef unsigned char uint8
- typedef unsigned int uint32
- typedef unsigned long long uint64

Protected Member Functions

- void transform (const unsigned char *message, unsigned int block_nb)

Protected Attributes

- unsigned int m_tot_len
- unsigned int m_len
- unsigned char m_block [2 *SHA224_256_BLOCK_SIZE]
- uint32 m_h [8]

Static Protected Attributes

- static const uint32 sha256_k [ ]
- static const unsigned int SHA224_256_BLOCK_SIZE = (512/8)

7.59.1 Detailed Description

Definition at line 65 of file backup_file.h.

7.59.2 Member Typedef Documentation

7.59.2.1 uint32

```
typedef unsigned int clang::tidy::pagesjaunes::test::BackupFile::SHA256::uint32  [protected]
```

Definition at line 69 of file backup_file.h.

7.59.2.2 uint64

```
typedef unsigned long long clang::tidy::pagesjaunes::test::BackupFile::SHA256::uint64  [protected]
```

Definition at line 70 of file backup_file.h.

7.59.2.3 uint8

```
typedef unsigned char clang::tidy::pagesjaunes::test::BackupFile::SHA256::uint8  [protected]
```

Definition at line 68 of file backup_file.h.

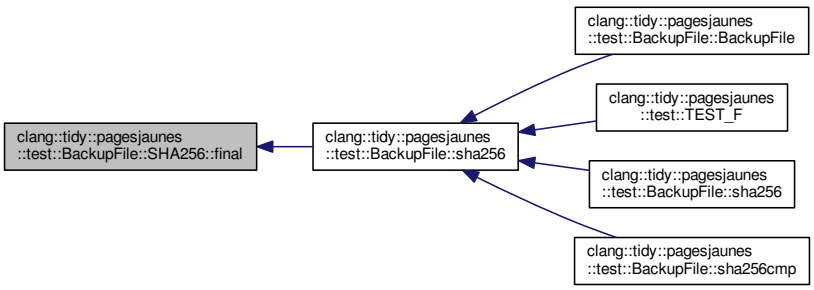
7.59.3 Member Function Documentation

7.59.3.1 final()

```
void clang::tidy::pagesjaunes::test::BackupFile::SHA256::final (
            unsigned char * digest )
```

Definition at line 308 of file backup_file.cpp.

Here is the caller graph for this function:

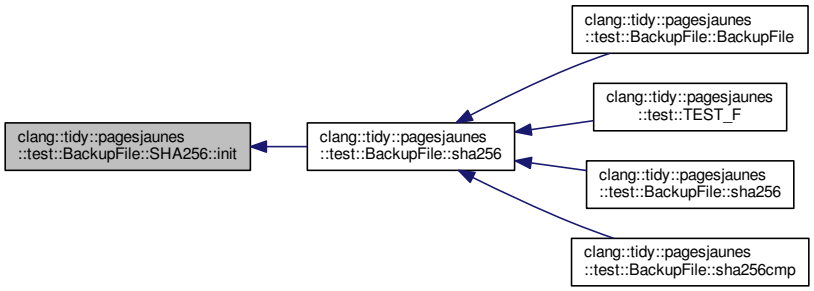


7.59.3.2 init()

```
void clang::tidy::pagesjaunes::test::BackupFile::SHA256::init ( )
```

Definition at line 269 of file backup_file.cpp.

Here is the caller graph for this function:



7.59.3.3 transform()

```
void clang::tidy::pagesjaunes::test::BackupFile::SHA256::transform (
            const unsigned char * message,
            unsigned int block_nb )  [protected]
```

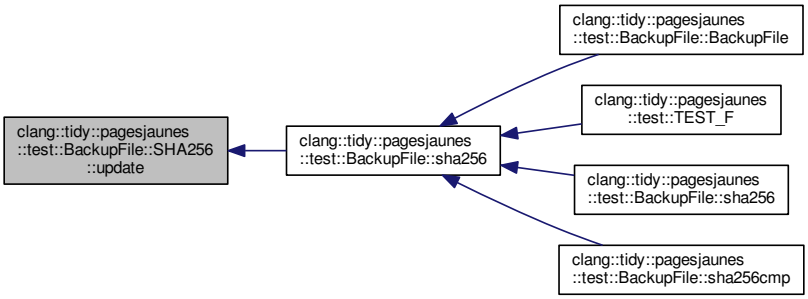
Definition at line 230 of file backup_file.cpp.

7.59.3.4 update()

```
void clang::tidy::pagesjaunes::test::BackupFile::SHA256::update (
            const unsigned char * message,
            unsigned int len )
```

Definition at line 284 of file backup_file.cpp.

Here is the caller graph for this function:



7.59.4 Member Data Documentation

7.59.4.1 DIGEST_SIZE

```
const unsigned int clang::tidy::pagesjaunes::test::BackupFile::SHA256::DIGEST_SIZE = (256 / 8)
[static]
```

Definition at line 79 of file backup_file.h.

7.59.4.2 m_block

```
unsigned char clang::tidy::pagesjaunes::test::BackupFile::SHA256::m_block[2 *SHA224_256_BLOCK↩
_SIZE]  [protected]
```

Definition at line 85 of file backup_file.h.

7.59.4.3 m_h

```
uint32 clang::tidy::pagesjaunes::test::BackupFile::SHA256::m_h[8]  [protected]
```

Definition at line 86 of file backup_file.h.

7.59.4.4 m_len

```
unsigned int clang::tidy::pagesjaunes::test::BackupFile::SHA256::m_len  [protected]
```

Definition at line 84 of file backup_file.h.

7.59.4.5 m_tot_len

```
unsigned int clang::tidy::pagesjaunes::test::BackupFile::SHA256::m_tot_len  [protected]
```

Definition at line 83 of file backup_file.h.

7.59.4.6 SHA224_256_BLOCK_SIZE

```
const unsigned int clang::tidy::pagesjaunes::test::BackupFile::SHA256::SHA224_256_BLOCK_SIZE =
(512/8)  [static], [protected]
```

Definition at line 73 of file backup_file.h.

7.59.4.7 sha256_k

```
const unsigned int clang::tidy::pagesjaunes::test::BackupFile::SHA256::sha256_k  [static],
[protected]
```

Initial value:

```
=
          {
            0x428a2f98, 0x71374491, 0xb5c0fbcf, 0xe9b5dba5,
            0x3956c25b, 0x59f111f1, 0x923f82a4, 0xab1c5ed5,
            0xd807aa98, 0x12835b01, 0x243185be, 0x550c7dc3,
            0x72be5d74, 0x80deb1fe, 0x9bdc06a7, 0xc19bf174,
            0xe49b69c1, 0xefbe4786, 0x0fc19dc6, 0x240ca1cc,
            0x2de92c6f, 0x4a7484aa, 0x5cb0a9dc, 0x76f988da,
            0x983e5152, 0xa831c66d, 0xb00327c8, 0xbf597fc7,
            0xc6e00bf3, 0xd5a79147, 0x06ca6351, 0x14292967,
            0x27b70a85, 0x2e1b2138, 0x4d2c6dfc, 0x53380d13,
            0x650a7354, 0x766a0abb, 0x81c2c92e, 0x92722c85,
            0xa2bfe8a1, 0xa81a664b, 0xc24b8b70, 0xc76c51a3,
            0xd192e819, 0xd6990624, 0xf40e3585, 0x106aa070,
            0x19a4c116, 0x1e376c08, 0x2748774c, 0x34b0bcb5,
            0x391c0cb3, 0x4ed8aa4a, 0x5b9cca4f, 0x682e6ff3,
            0x748f82ee, 0x78a5636f, 0x84c87814, 0x8cc70208,
            0x90befffa, 0xa4506ceb, 0xbef9a3f7, 0xc67178f2
          }
```

Definition at line 72 of file backup_file.h.

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

- test/backup_file.h
- test/backup_file.cpp

7.60 clang::tidy::pagesjaunes::test::BufferSplitTest::SHA256 Class Reference

```
#include <buffer_split.h>
```

Public Member Functions

- void init ()
- void update (const unsigned char *message, unsigned int len)
- void final (unsigned char *digest)

Static Public Attributes

- static const unsigned int DIGEST_SIZE = (256 / 8)

Protected Types

- typedef unsigned char uint8
- typedef unsigned int uint32
- typedef unsigned long long uint64

Protected Member Functions

- void transform (const unsigned char *message, unsigned int block_nb)

Protected Attributes

- unsigned int m_tot_len
- unsigned int m_len
- unsigned char m_block [2 *SHA224_256_BLOCK_SIZE]
- uint32 m_h [8]

Static Protected Attributes

- static const uint32 sha256_k [ ]
- static const unsigned int SHA224_256_BLOCK_SIZE = (512/8)

7.60.1 Detailed Description

Definition at line 63 of file buffer_split.h.

7.60.2 Member Typedef Documentation

7.60.2.1 uint32

```
typedef unsigned int clang::tidy::pagesjaunes::test::BufferSplitTest::SHA256::uint32  [protected]
```

Definition at line 67 of file buffer_split.h.

7.60.2.2 uint64

```
typedef unsigned long long clang::tidy::pagesjaunes::test::BufferSplitTest::SHA256::uint64
[protected]
```

Definition at line 68 of file buffer_split.h.

7.60.2.3 uint8

```
typedef unsigned char clang::tidy::pagesjaunes::test::BufferSplitTest::SHA256::uint8  [protected]
```

Definition at line 66 of file buffer_split.h.

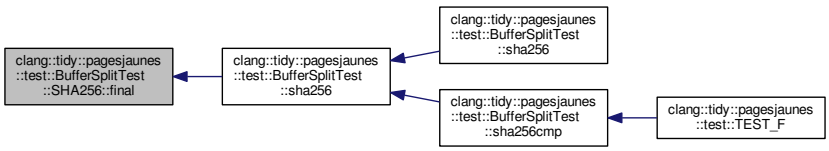
7.60.3 Member Function Documentation

7.60.3.1 final()

```
void clang::tidy::pagesjaunes::test::BufferSplitTest::SHA256::final (
            unsigned char * digest )
```

Definition at line 367 of file buffer_split.cpp.

Here is the caller graph for this function:

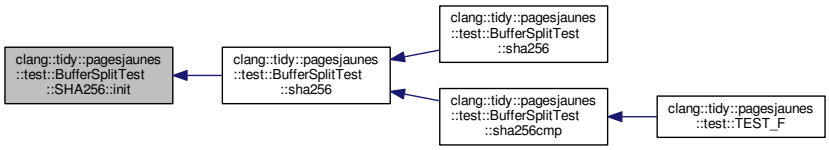


7.60.3.2 init()

```
void clang::tidy::pagesjaunes::test::BufferSplitTest::SHA256::init ( )
```

Definition at line 328 of file buffer_split.cpp.

Here is the caller graph for this function:



7.60.3.3 transform()

```
void clang::tidy::pagesjaunes::test::BufferSplitTest::SHA256::transform (
            const unsigned char * message,
            unsigned int block_nb )  [protected]
```

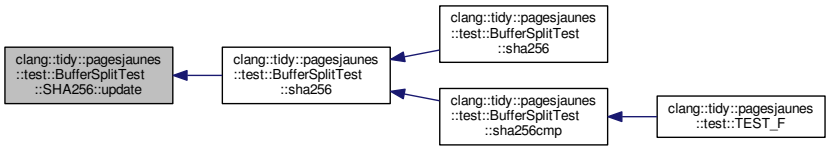
Definition at line 289 of file buffer_split.cpp.

7.60.3.4 update()

```
void clang::tidy::pagesjaunes::test::BufferSplitTest::SHA256::update (
            const unsigned char * message,
            unsigned int len )
```

Definition at line 343 of file buffer_split.cpp.

Here is the caller graph for this function:



7.60.4 Member Data Documentation

7.60.4.1 DIGEST_SIZE

```
const unsigned int clang::tidy::pagesjaunes::test::BufferSplitTest::SHA256::DIGEST_SIZE = (256
/ 8)  [static]
```

Definition at line 77 of file buffer_split.h.

7.60.4.2 m_block

```
unsigned char clang::tidy::pagesjaunes::test::BufferSplitTest::SHA256::m_block[2 *SHA224_256_↩
BLOCK_SIZE]  [protected]
```

Definition at line 83 of file buffer_split.h.

7.60.4.3 m_h

```
uint32 clang::tidy::pagesjaunes::test::BufferSplitTest::SHA256::m_h[8]  [protected]
```

Definition at line 84 of file buffer_split.h.

7.60.4.4 m_len

```
unsigned int clang::tidy::pagesjaunes::test::BufferSplitTest::SHA256::m_len  [protected]
```

Definition at line 82 of file buffer_split.h.

7.60.4.5 m_tot_len

```
unsigned int clang::tidy::pagesjaunes::test::BufferSplitTest::SHA256::m_tot_len  [protected]
```

Definition at line 81 of file buffer_split.h.

7.60.4.6 SHA224_256_BLOCK_SIZE

```
const unsigned int clang::tidy::pagesjaunes::test::BufferSplitTest::SHA256::SHA224_256_BLOCK↩
_SIZE = (512/8)  [static], [protected]
```

Definition at line 71 of file buffer_split.h.

7.60.4.7 sha256_k

```
const unsigned int clang::tidy::pagesjaunes::test::BufferSplitTest::SHA256::sha256_k  [static],
[protected]
```

Initial value:

```
=
          {
            0x428a2f98, 0x71374491, 0xb5c0fbcf, 0xe9b5dba5,
            0x3956c25b, 0x59f111f1, 0x923f82a4, 0xab1c5ed5,
            0xd807aa98, 0x12835b01, 0x243185be, 0x550c7dc3,
            0x72be5d74, 0x80deb1fe, 0x9bdc06a7, 0xc19bf174,
            0xe49b69c1, 0xefbe4786, 0x0fc19dc6, 0x240ca1cc,
            0x2de92c6f, 0x4a7484aa, 0x5cb0a9dc, 0x76f988da,
            0x983e5152, 0xa831c66d, 0xb00327c8, 0xbf597fc7,
            0xc6e00bf3, 0xd5a79147, 0x06ca6351, 0x14292967,
            0x27b70a85, 0x2e1b2138, 0x4d2c6dfc, 0x53380d13,
            0x650a7354, 0x766a0abb, 0x81c2c92e, 0x92722c85,
            0xa2bfe8a1, 0xa81a664b, 0xc24b8b70, 0xc76c51a3,
            0xd192e819, 0xd6990624, 0xf40e3585, 0x106aa070,
            0x19a4c116, 0x1e376c08, 0x2748774c, 0x34b0bcb5,
            0x391c0cb3, 0x4ed8aa4a, 0x5b9cca4f, 0x682e6ff3,
            0x748f82ee, 0x78a5636f, 0x84c87814, 0x8cc70208,
            0x90befffa, 0xa4506ceb, 0xbef9a3f7, 0xc67178f2
          }
```

Definition at line 70 of file buffer_split.h.

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

- test/buffer_split.h
- test/buffer_split.cpp

7.61 clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::SourceRangeBefore Class Reference

`#include <ExecSQLFreeToFunctionCall.h>`

Public Member Functions

- bool operator() (const SourceRangeForStringLiterals &l, const SourceRangeForStringLiterals &r) const

7.61.1 Detailed Description

Definition at line 76 of file ExecSQLFreeToFunctionCall.h.

7.61.2 Member Function Documentation

7.61.2.1 operator()()

```
bool clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::SourceRangeBefore::operator() (
            const SourceRangeForStringLiterals & l,
            const SourceRangeForStringLiterals & r ) const  [inline]
```

Definition at line 79 of file ExecSQLFreeToFunctionCall.h.

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

- ExecSQLFreeToFunctionCall.h

7.62 clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::SourceRangeBefore Class Reference

`#include <ExecSQLCloseToFunctionCall.h>`

Public Member Functions

- bool operator() (const SourceRangeForStringLiterals &l, const SourceRangeForStringLiterals &r) const

7.62.1 Detailed Description

SourceRangeBefore

Definition at line 131 of file ExecSQLCloseToFunctionCall.h.

7.62.2 Member Function Documentation

7.62.2.1 operator()()

```
bool clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::SourceRangeBefore::operator() (
            const SourceRangeForStringLiterals & l,
            const SourceRangeForStringLiterals & r ) const  [inline]
```

Definition at line 134 of file ExecSQLCloseToFunctionCall.h.

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

- ExecSQLCloseToFunctionCall.h

7.63 clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::SourceRangeBefore Class Reference

```
#include <ExecSQLFetchToFunctionCall.h>
```

Public Member Functions

- bool operator() (const SourceRangeForStringLiterals &l, const SourceRangeForStringLiterals &r) const

7.63.1 Detailed Description

SourceRangeBefore

Definition at line 131 of file ExecSQLFetchToFunctionCall.h.

7.63.2 Member Function Documentation

7.63.2.1 operator()()

```
bool clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::SourceRangeBefore::operator() (
            const SourceRangeForStringLiterals & l,
            const SourceRangeForStringLiterals & r ) const  [inline]
```

Definition at line 134 of file ExecSQLFetchToFunctionCall.h.

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

- ExecSQLFetchToFunctionCall.h

7.64 clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::SourceRangeBefore Class Reference

`#include <ExecSQLLOBOpenToFunctionCall.h>`

Public Member Functions

- bool operator() (const SourceRangeForStringLiterals &l, const SourceRangeForStringLiterals &r) const

7.64.1 Detailed Description

Definition at line 76 of file ExecSQLLOBOpenToFunctionCall.h.

7.64.2 Member Function Documentation

7.64.2.1 operator()()

```
bool clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::SourceRangeBefore::operator() (
            const SourceRangeForStringLiterals & l,
            const SourceRangeForStringLiterals & r ) const  [inline]
```

Definition at line 79 of file ExecSQLLOBOpenToFunctionCall.h.

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

- ExecSQLLOBOpenToFunctionCall.h

7.65 clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::SourceRangeBefore Class Reference

`#include <ExecSQLPrepareFmtdToFunctionCall.h>`

Public Member Functions

- bool operator() (const SourceRangeForStringLiterals &l, const SourceRangeForStringLiterals &r) const

7.65.1 Detailed Description

SourceRangeBefore

Definition at line 131 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.65.2 Member Function Documentation

7.65.2.1 operator()()

```
bool clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::SourceRangeBefore::operator()
(
            const SourceRangeForStringLiterals & l,
            const SourceRangeForStringLiterals & r ) const  [inline]
```

Definition at line 134 of file ExecSQLPrepareFmtdToFunctionCall.h.

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

- ExecSQLPrepareFmtdToFunctionCall.h

7.66 clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::SourceRangeBefore Class Reference

```
#include <ExecSQLLOBReadToFunctionCall.h>
```

Public Member Functions

- bool operator() (const SourceRangeForIntegerNStringLiterals &l, const SourceRangeForIntegerNString↩ Literals &r) const

7.66.1 Detailed Description

Definition at line 76 of file ExecSQLLOBReadToFunctionCall.h.

7.66.2 Member Function Documentation

7.66.2.1 operator()()

```
bool clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::SourceRangeBefore::operator() (
            const SourceRangeForIntegerNStringLiterals & l,
            const SourceRangeForIntegerNStringLiterals & r ) const  [inline]
```

Definition at line 79 of file ExecSQLLOBReadToFunctionCall.h.

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

- ExecSQLLOBReadToFunctionCall.h

7.67 clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::SourceRangeBefore Class Reference

`#include <ExecSQLOpenToFunctionCall.h>`

Public Member Functions

- bool operator() (const SourceRangeForStringLiterals &l, const SourceRangeForStringLiterals &r) const

7.67.1 Detailed Description

SourceRangeBefore

Definition at line 131 of file ExecSQLOpenToFunctionCall.h.

7.67.2 Member Function Documentation

7.67.2.1 operator()()

```
bool clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::SourceRangeBefore::operator() (
            const SourceRangeForStringLiterals & l,
            const SourceRangeForStringLiterals & r ) const  [inline]
```

Definition at line 134 of file ExecSQLOpenToFunctionCall.h.

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

- ExecSQLOpenToFunctionCall.h

7.68 clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::SourceRangeBefore Class Reference

`#include <ExecSQLLOBCloseToFunctionCall.h>`

Public Member Functions

- bool operator() (const SourceRangeForStringLiterals &l, const SourceRangeForStringLiterals &r) const

7.68.1 Detailed Description

SourceRangeBefore

Definition at line 106 of file ExecSQLLOBCloseToFunctionCall.h.

7.68.2 Member Function Documentation

7.68.2.1 operator()()

```
bool clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::SourceRangeBefore::operator() (
            const SourceRangeForStringLiterals & l,
            const SourceRangeForStringLiterals & r ) const  [inline]
```

Definition at line 109 of file ExecSQLLOBCloseToFunctionCall.h.

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

- ExecSQLLOBCloseToFunctionCall.h

7.69 clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::SourceRangeBefore Class Reference

```
#include <ExecSQLPrepareToFunctionCall.h>
```

Public Member Functions

- bool operator() (const SourceRangeForStringLiterals &l, const SourceRangeForStringLiterals &r) const

7.69.1 Detailed Description

SourceRangeBefore

Definition at line 131 of file ExecSQLPrepareToFunctionCall.h.

7.69.2 Member Function Documentation

7.69.2.1 operator()()

```
bool clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::SourceRangeBefore::operator() (
            const SourceRangeForStringLiterals & l,
            const SourceRangeForStringLiterals & r ) const  [inline]
```

Definition at line 134 of file ExecSQLPrepareToFunctionCall.h.

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

- ExecSQLPrepareToFunctionCall.h

7.70 clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::SourceRangeBefore Class Reference

`#include <ExecSQLAllocateToFunctionCall.h>`

Public Member Functions

- bool operator() (const SourceRangeForStringLiterals &l, const SourceRangeForStringLiterals &r) const

7.70.1 Detailed Description

Definition at line 76 of file ExecSQLAllocateToFunctionCall.h.

7.70.2 Member Function Documentation

7.70.2.1 operator()()

```
bool clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::SourceRangeBefore::operator() (
            const SourceRangeForStringLiterals & l,
            const SourceRangeForStringLiterals & r ) const  [inline]
```

Definition at line 79 of file ExecSQLAllocateToFunctionCall.h.

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

- ExecSQLAllocateToFunctionCall.h

7.71 clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::SourceRangeBefore Class Reference

`#include <ExecSQLLOBFreeToFunctionCall.h>`

Public Member Functions

- bool operator() (const SourceRangeForStringLiterals &l, const SourceRangeForStringLiterals &r) const

7.71.1 Detailed Description

Definition at line 76 of file ExecSQLLOBFreeToFunctionCall.h.

7.71.2 Member Function Documentation

7.71.2.1 operator()()

```
bool clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::SourceRangeBefore::operator() (
            const SourceRangeForStringLiterals & l,
            const SourceRangeForStringLiterals & r ) const  [inline]
```

Definition at line 79 of file ExecSQLLOBFreeToFunctionCall.h.

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

- ExecSQLLOBFreeToFunctionCall.h

7.72 clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::SourceRangeBefore Class Reference

```
#include <ExecSQLForToFunctionCall.h>
```

Public Member Functions

- bool operator() (const SourceRangeForStringLiterals &l, const SourceRangeForStringLiterals &r) const

7.72.1 Detailed Description

Definition at line 76 of file ExecSQLForToFunctionCall.h.

7.72.2 Member Function Documentation

7.72.2.1 operator()()

```
bool clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::SourceRangeBefore::operator() (
            const SourceRangeForStringLiterals & l,
            const SourceRangeForStringLiterals & r ) const  [inline]
```

Definition at line 79 of file ExecSQLForToFunctionCall.h.

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

- ExecSQLForToFunctionCall.h

7.73 clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::SourceRangeBefore Class Reference

`#include <ExecSQLLOBCreateToFunctionCall.h>`

Public Member Functions

- bool operator() (const SourceRangeForStringLiterals &l, const SourceRangeForStringLiterals &r) const

7.73.1 Detailed Description

Definition at line 76 of file ExecSQLLOBCreateToFunctionCall.h.

7.73.2 Member Function Documentation

7.73.2.1 operator()()

```
bool clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::SourceRangeBefore::operator() (
            const SourceRangeForStringLiterals & l,
            const SourceRangeForStringLiterals & r ) const  [inline]
```

Definition at line 79 of file ExecSQLLOBCreateToFunctionCall.h.

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

- ExecSQLLOBCreateToFunctionCall.h

7.74 clang::tidy::pagesjaunes::ExecSQLToFunctionCall::SourceRangeBefore Class Reference

`#include <ExecSQLToFunctionCall.h>`

Public Member Functions

- bool operator() (const SourceRangeForStringLiterals &l, const SourceRangeForStringLiterals &r) const

7.74.1 Detailed Description

Definition at line 76 of file ExecSQLToFunctionCall.h.

7.74.2 Member Function Documentation

7.74.2.1 operator()()

```
bool clang::tidy::pagesjaunes::ExecSQLToFunctionCall::SourceRangeBefore::operator() (
            const SourceRangeForStringLiterals & l,
            const SourceRangeForStringLiterals & r ) const  [inline]
```

Definition at line 79 of file ExecSQLToFunctionCall.h.

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

- ExecSQLToFunctionCall.h

7.75 clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::SourceRangeForIntegerNStringLiterals Class Reference

```
#include <ExecSQLLOBReadToFunctionCall.h>
```

Public Member Functions

- SourceRangeForIntegerNStringLiterals ()
- SourceRangeForIntegerNStringLiterals (SourceRange urange, SourceRange mrange, StringRef name)
- SourceRangeForIntegerNStringLiterals (SourceRangeForIntegerNStringLiterals &to_copy)
- SourceRangeForIntegerNStringLiterals (SourceRangeForIntegerNStringLiterals const &to_copy)
- SourceRangeForIntegerNStringLiterals (SourceRangeForIntegerNStringLiterals *to_copy)
- SourceRangeForIntegerNStringLiterals (SourceRangeForIntegerNStringLiterals const *to_copy)
- SourceRangeForIntegerNStringLiterals & operator= (const SourceRangeForIntegerNStringLiterals &to_copy)
- SourceRangeForIntegerNStringLiterals & operator= (SourceRangeForIntegerNStringLiterals &to_copy)

Public Attributes

- SourceRange m_usage_range
- SourceRange m_macro_range
- StringRef m_macro_name

7.75.1 Detailed Description

Definition at line 33 of file ExecSQLLOBReadToFunctionCall.h.

7.75.2 Constructor & Destructor Documentation

7.75.2.1 SourceRangeForIntegerNStringLiterals() [1/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::SourceRangeForIntegerNStringLiterals↩
::SourceRangeForIntegerNStringLiterals ( )  [inline]
```

Definition at line 36 of file ExecSQLLOBReadToFunctionCall.h.

7.75.2.2 SourceRangeForIntegerNStringLiterals() [2/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::SourceRangeForIntegerNStringLiterals↩
::SourceRangeForIntegerNStringLiterals (
            SourceRange urange,
            SourceRange mrange,
            StringRef name )  [inline]
```

Definition at line 37 of file ExecSQLLOBReadToFunctionCall.h.

7.75.2.3 SourceRangeForIntegerNStringLiterals() [3/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::SourceRangeForIntegerNStringLiterals↩
::SourceRangeForIntegerNStringLiterals (
            SourceRangeForIntegerNStringLiterals & to_copy )  [inline]
```

Definition at line 41 of file ExecSQLLOBReadToFunctionCall.h.

7.75.2.4 SourceRangeForIntegerNStringLiterals() [4/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::SourceRangeForIntegerNStringLiterals↩
::SourceRangeForIntegerNStringLiterals (
            SourceRangeForIntegerNStringLiterals const & to_copy )  [inline]
```

Definition at line 45 of file ExecSQLLOBReadToFunctionCall.h.

7.75.2.5 SourceRangeForIntegerNStringLiterals() [5/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::SourceRangeForIntegerNStringLiterals↩
::SourceRangeForIntegerNStringLiterals (
            SourceRangeForIntegerNStringLiterals * to_copy )  [inline]
```

Definition at line 49 of file ExecSQLLOBReadToFunctionCall.h.

7.75.2.6 SourceRangeForIntegerNStringLiterals() [6/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::SourceRangeForIntegerNStringLiterals↩
::SourceRangeForIntegerNStringLiterals (
            SourceRangeForIntegerNStringLiterals const * to_copy )  [inline]
```

Definition at line 53 of file ExecSQLLOBReadToFunctionCall.h.

7.75.3 Member Function Documentation

7.75.3.1 operator=() [1/2]

```
SourceRangeForIntegerNStringLiterals& clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall↩
::SourceRangeForIntegerNStringLiterals::operator= (
            const SourceRangeForIntegerNStringLiterals & to_copy )  [inline]
```

Definition at line 57 of file ExecSQLLOBReadToFunctionCall.h.

7.75.3.2 operator=() [2/2]

```
SourceRangeForIntegerNStringLiterals& clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall↩
::SourceRangeForIntegerNStringLiterals::operator= (
            SourceRangeForIntegerNStringLiterals & to_copy )  [inline]
```

Definition at line 64 of file ExecSQLLOBReadToFunctionCall.h.

7.75.4 Member Data Documentation

7.75.4.1 m_macro_name

```
StringRef clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::SourceRangeForIntegerN↩
StringLiterals::m_macro_name
```

Definition at line 74 of file ExecSQLLOBReadToFunctionCall.h.

7.75.4.2 m_macro_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::SourceRangeForIntegerN↩
StringLiterals::m_macro_range
```

Definition at line 73 of file ExecSQLLOBReadToFunctionCall.h.

7.75.4.3 m_usage_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::SourceRangeForIntegerN↩
StringLiterals::m_usage_range
```

Definition at line 72 of file ExecSQLLOBReadToFunctionCall.h.

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

- ExecSQLLOBReadToFunctionCall.h

7.76 clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::SourceRangeForString↩ Literals Class Reference

```
#include <ExecSQLForToFunctionCall.h>
```

Public Member Functions

- SourceRangeForStringLiterals ()
- SourceRangeForStringLiterals (SourceRange urange, SourceRange mrange, StringRef name)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals ∗to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const ∗to_copy)
- SourceRangeForStringLiterals & operator= (const SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals & operator= (SourceRangeForStringLiterals &to_copy)

Public Attributes

- SourceRange m_usage_range
- SourceRange m_macro_range
- StringRef m_macro_name

7.76.1 Detailed Description

Definition at line 33 of file ExecSQLForToFunctionCall.h.

7.76.2 Constructor & Destructor Documentation

7.76.2.1 SourceRangeForStringLiterals() [1/6]

```
clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals ( )  [inline]
```

Definition at line 36 of file ExecSQLForToFunctionCall.h.

7.76.2.2 SourceRangeForStringLiterals() [2/6]

```
clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRange urange,
            SourceRange mrange,
            StringRef name )  [inline]
```

Definition at line 37 of file ExecSQLForToFunctionCall.h.

7.76.2.3 SourceRangeForStringLiterals() [3/6]

```
clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 41 of file ExecSQLForToFunctionCall.h.

7.76.2.4 SourceRangeForStringLiterals() [4/6]

```
clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals const & to_copy )  [inline]
```

Definition at line 45 of file ExecSQLForToFunctionCall.h.

7.76.2.5 SourceRangeForStringLiterals() [5/6]

```
clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals * to_copy )  [inline]
```

Definition at line 49 of file ExecSQLForToFunctionCall.h.

7.76.2.6 SourceRangeForStringLiterals() [6/6]

```
clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals const * to_copy )  [inline]
```

Definition at line 53 of file ExecSQLForToFunctionCall.h.

7.76.3 Member Function Documentation

7.76.3.1 operator=() [1/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::Source↩
RangeForStringLiterals::operator= (
            const SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 57 of file ExecSQLForToFunctionCall.h.

7.76.3.2 operator=() [2/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::Source↩
RangeForStringLiterals::operator= (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 64 of file ExecSQLForToFunctionCall.h.

7.76.4 Member Data Documentation

7.76.4.1 m_macro_name

```
StringRef clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::SourceRangeForStringLiterals↩
::m_macro_name
```

Definition at line 74 of file ExecSQLForToFunctionCall.h.

7.76.4.2 m_macro_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::SourceRangeForStringLiterals↩
::m_macro_range
```

Definition at line 73 of file ExecSQLForToFunctionCall.h.

7.76.4.3 m_usage_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::SourceRangeForStringLiterals↩
::m_usage_range
```

Definition at line 72 of file ExecSQLForToFunctionCall.h.

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

- ExecSQLForToFunctionCall.h

7.77 clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::SourceRangeFor↩ StringLiterals Class Reference

```
#include <ExecSQLLOBFreeToFunctionCall.h>
```

Public Member Functions

- SourceRangeForStringLiterals ()
- SourceRangeForStringLiterals (SourceRange urange, SourceRange mrange, StringRef name)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals ∗to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const ∗to_copy)
- SourceRangeForStringLiterals & operator= (const SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals & operator= (SourceRangeForStringLiterals &to_copy)

Public Attributes

- SourceRange m_usage_range
- SourceRange m_macro_range
- StringRef m_macro_name

7.77.1 Detailed Description

Definition at line 33 of file ExecSQLLOBFreeToFunctionCall.h.

7.77.2 Constructor & Destructor Documentation

7.77.2.1 SourceRangeForStringLiterals() [1/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals ( )  [inline]
```

Definition at line 36 of file ExecSQLLOBFreeToFunctionCall.h.

7.77.2.2 SourceRangeForStringLiterals() [2/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRange urange,
            SourceRange mrange,
            StringRef name )  [inline]
```

Definition at line 37 of file ExecSQLLOBFreeToFunctionCall.h.

7.77.2.3 SourceRangeForStringLiterals() [3/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 41 of file ExecSQLLOBFreeToFunctionCall.h.

7.77.2.4 SourceRangeForStringLiterals() [4/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals const & to_copy )  [inline]
```

Definition at line 45 of file ExecSQLLOBFreeToFunctionCall.h.

7.77.2.5 SourceRangeForStringLiterals() [5/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals * to_copy )  [inline]
```

Definition at line 49 of file ExecSQLLOBFreeToFunctionCall.h.

7.77.2.6 SourceRangeForStringLiterals() [6/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals const * to_copy )  [inline]
```

Definition at line 53 of file ExecSQLLOBFreeToFunctionCall.h.

7.77.3 Member Function Documentation

7.77.3.1 operator=() [1/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::Source↩
RangeForStringLiterals::operator= (
            const SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 57 of file ExecSQLLOBFreeToFunctionCall.h.

7.77.3.2 operator=() [2/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::Source↩
RangeForStringLiterals::operator= (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 64 of file ExecSQLLOBFreeToFunctionCall.h.

7.77.4 Member Data Documentation

7.77.4.1 m_macro_name

```
StringRef clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::SourceRangeForStringLiterals↩
::m_macro_name
```

Definition at line 74 of file ExecSQLLOBFreeToFunctionCall.h.

7.77.4.2 m_macro_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::SourceRangeForString↩
Literals::m_macro_range
```

Definition at line 73 of file ExecSQLLOBFreeToFunctionCall.h.

7.77.4.3 m_usage_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::SourceRangeForString↩
Literals::m_usage_range
```

Definition at line 72 of file ExecSQLLOBFreeToFunctionCall.h.

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

- ExecSQLLOBFreeToFunctionCall.h

7.78 clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::SourceRangeFor↩ StringLiterals Class Reference

Collect data about macro expansion for string literals.

```
#include <ExecSQLPrepareToFunctionCall.h>
```

Public Member Functions

- SourceRangeForStringLiterals ()
- SourceRangeForStringLiterals (SourceRange urange, SourceRange mrange, StringRef name)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals ∗to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const ∗to_copy)
- SourceRangeForStringLiterals & operator= (const SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals & operator= (SourceRangeForStringLiterals &to_copy)

Public Attributes

- SourceRange m_usage_range
- SourceRange m_macro_range
- StringRef m_macro_name

7.78.1 Detailed Description

Collect data about macro expansion for string literals.

SourceRangeForStringLiterals

Instances of this class are created for each occurence of string literal expansions in macro. Each occurence allows to keep two source ranges:

- one for the macro usage in source code (expansion usage location)
- one for the macro definition used for expansion (macro definition location) This class also keep the original macro identifier (identifier token for the name of the macro).

Definition at line 76 of file ExecSQLPrepareToFunctionCall.h.

7.78.2 Constructor & Destructor Documentation

7.78.2.1 SourceRangeForStringLiterals() [1/6]

```
clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals ( )  [inline]
```

Definition at line 80 of file ExecSQLPrepareToFunctionCall.h.

7.78.2.2 SourceRangeForStringLiterals() [2/6]

```
clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRange urange,
            SourceRange mrange,
            StringRef name )  [inline]
```

Definition at line 82 of file ExecSQLPrepareToFunctionCall.h.

7.78.2.3 SourceRangeForStringLiterals() [3/6]

```
clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 87 of file ExecSQLPrepareToFunctionCall.h.

7.78.2.4 SourceRangeForStringLiterals() [4/6]

```
clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals const & to_copy )  [inline]
```

Definition at line 92 of file ExecSQLPrepareToFunctionCall.h.

7.78.2.5 SourceRangeForStringLiterals() [5/6]

```
clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals * to_copy )  [inline]
```

Definition at line 97 of file ExecSQLPrepareToFunctionCall.h.

7.78.2.6 SourceRangeForStringLiterals() [6/6]

```
clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals const * to_copy )  [inline]
```

Definition at line 102 of file ExecSQLPrepareToFunctionCall.h.

7.78.3 Member Function Documentation

7.78.3.1 operator=() [1/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::Source↩
RangeForStringLiterals::operator= (
            const SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 107 of file ExecSQLPrepareToFunctionCall.h.

7.78.3.2 operator=() [2/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::Source↩
RangeForStringLiterals::operator= (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 115 of file ExecSQLPrepareToFunctionCall.h.

7.78.4 Member Data Documentation

7.78.4.1 m_macro_name

```
StringRef clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::SourceRangeForStringLiterals↩
::m_macro_name
```

Definition at line 125 of file ExecSQLPrepareToFunctionCall.h.

7.78.4.2 m_macro_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::SourceRangeForString↩
Literals::m_macro_range
```

Definition at line 124 of file ExecSQLPrepareToFunctionCall.h.

7.78.4.3 m_usage_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::SourceRangeForString↩
Literals::m_usage_range
```

Definition at line 123 of file ExecSQLPrepareToFunctionCall.h.

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

- ExecSQLPrepareToFunctionCall.h

7.79 clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::SourceRange↩ ForStringLiterals Class Reference

Collect data about macro expansion for string literals.

```
#include <ExecSQLPrepareFmtdToFunctionCall.h>
```

Public Member Functions

- SourceRangeForStringLiterals ()
- SourceRangeForStringLiterals (SourceRange urange, SourceRange mrange, StringRef name)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals *to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const *to_copy)
- SourceRangeForStringLiterals & operator= (const SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals & operator= (SourceRangeForStringLiterals &to_copy)

Public Attributes

- SourceRange m_usage_range
- SourceRange m_macro_range
- StringRef m_macro_name

7.79.1 Detailed Description

Collect data about macro expansion for string literals.

SourceRangeForStringLiterals

Instances of this class are created for each occurence of string literal expansions in macro. Each occurence allows to keep two source ranges:

- one for the macro usage in source code (expansion usage location)
- one for the macro definition used for expansion (macro definition location) This class also keep the original macro identifier (identifier token for the name of the macro).

Definition at line 76 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.79.2 Constructor & Destructor Documentation

7.79.2.1 SourceRangeForStringLiterals() [1/6]

```
clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals ( )  [inline]
```

Definition at line 80 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.79.2.2 SourceRangeForStringLiterals() [2/6]

```
clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals (
            SourceRange urange,
            SourceRange mrange,
            StringRef name )  [inline]
```

Definition at line 82 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.79.2.3 SourceRangeForStringLiterals() [3/6]

```
clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 87 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.79.2.4 SourceRangeForStringLiterals() [4/6]

```
clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals (
            SourceRangeForStringLiterals const & to_copy )  [inline]
```

Definition at line 92 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.79.2.5 SourceRangeForStringLiterals() [5/6]

```
clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals (
            SourceRangeForStringLiterals * to_copy )  [inline]
```

Definition at line 97 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.79.2.6 SourceRangeForStringLiterals() [6/6]

```
clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals (
            SourceRangeForStringLiterals const * to_copy )  [inline]
```

Definition at line 102 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.79.3 Member Function Documentation

7.79.3.1 operator=() [1/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::↩
SourceRangeForStringLiterals::operator= (
            const SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 107 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.79.3.2 operator=() [2/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::↩
SourceRangeForStringLiterals::operator= (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 115 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.79.4 Member Data Documentation

7.79.4.1 m_macro_name

```
StringRef clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::SourceRangeForString↩
Literals::m_macro_name
```

Definition at line 125 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.79.4.2 m_macro_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::SourceRangeForString↩
Literals::m_macro_range
```

Definition at line 124 of file ExecSQLPrepareFmtdToFunctionCall.h.

7.79.4.3 m_usage_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::SourceRangeForString↩
Literals::m_usage_range
```

Definition at line 123 of file ExecSQLPrepareFmtdToFunctionCall.h.

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

- ExecSQLPrepareFmtdToFunctionCall.h

7.80 clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::SourceRangeForString↩ Literals Class Reference

Collect data about macro expansion for string literals.

```
#include <ExecSQLFetchToFunctionCall.h>
```

Public Member Functions

- SourceRangeForStringLiterals ()
- SourceRangeForStringLiterals (SourceRange urange, SourceRange mrange, StringRef name)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals ∗to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const ∗to_copy)
- SourceRangeForStringLiterals & operator= (const SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals & operator= (SourceRangeForStringLiterals &to_copy)

Public Attributes

- SourceRange m_usage_range
- SourceRange m_macro_range
- StringRef m_macro_name

7.80.1 Detailed Description

Collect data about macro expansion for string literals.

SourceRangeForStringLiterals

Instances of this class are created for each occurence of string literal expansions in macro. Each occurence allows to keep two source ranges:

- one for the macro usage in source code (expansion usage location)
- one for the macro definition used for expansion (macro definition location) This class also keep the original macro identifier (identifier token for the name of the macro).

Definition at line 76 of file ExecSQLFetchToFunctionCall.h.

7.80.2 Constructor & Destructor Documentation

7.80.2.1 SourceRangeForStringLiterals() [1/6]

```
clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals ( )  [inline]
```

Definition at line 80 of file ExecSQLFetchToFunctionCall.h.

7.80.2.2 SourceRangeForStringLiterals() [2/6]

```
clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRange urange,
            SourceRange mrange,
            StringRef name )  [inline]
```

Definition at line 82 of file ExecSQLFetchToFunctionCall.h.

7.80.2.3 SourceRangeForStringLiterals() [3/6]

```
clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 87 of file ExecSQLFetchToFunctionCall.h.

7.80.2.4 SourceRangeForStringLiterals() [4/6]

```
clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals const & to_copy )  [inline]
```

Definition at line 92 of file ExecSQLFetchToFunctionCall.h.

7.80.2.5 SourceRangeForStringLiterals() [5/6]

```
clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals * to_copy )  [inline]
```

Definition at line 97 of file ExecSQLFetchToFunctionCall.h.

7.80.2.6 SourceRangeForStringLiterals() [6/6]

```
clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals const * to_copy )  [inline]
```

Definition at line 102 of file ExecSQLFetchToFunctionCall.h.

7.80.3 Member Function Documentation

7.80.3.1 operator=() [1/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::Source↩
RangeForStringLiterals::operator= (
            const SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 107 of file ExecSQLFetchToFunctionCall.h.

7.80.3.2 operator=() [2/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::Source↩
RangeForStringLiterals::operator= (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 115 of file ExecSQLFetchToFunctionCall.h.

7.80.4 Member Data Documentation

7.80.4.1 m_macro_name

```
StringRef clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::SourceRangeForStringLiterals↩
::m_macro_name
```

Definition at line 125 of file ExecSQLFetchToFunctionCall.h.

7.80.4.2 m_macro_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::SourceRangeForStringLiterals↩
::m_macro_range
```

Definition at line 124 of file ExecSQLFetchToFunctionCall.h.

7.80.4.3 m_usage_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::SourceRangeForStringLiterals↩
::m_usage_range
```

Definition at line 123 of file ExecSQLFetchToFunctionCall.h.

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

- ExecSQLFetchToFunctionCall.h

7.81 clang::tidy::pagesjaunes::ExecSQLToFunctionCall::SourceRangeForStringLiterals Class Reference

```
#include <ExecSQLToFunctionCall.h>
```

Public Member Functions

- SourceRangeForStringLiterals ()
- SourceRangeForStringLiterals (SourceRange urange, SourceRange mrange, StringRef name)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals *to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const *to_copy)
- SourceRangeForStringLiterals & operator= (const SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals & operator= (SourceRangeForStringLiterals &to_copy)

Public Attributes

- SourceRange m_usage_range
- SourceRange m_macro_range
- StringRef m_macro_name

7.81.1 Detailed Description

Definition at line 33 of file ExecSQLToFunctionCall.h.

7.81.2 Constructor & Destructor Documentation

7.81.2.1 SourceRangeForStringLiterals() [1/6]

```
clang::tidy::pagesjaunes::ExecSQLToFunctionCall::SourceRangeForStringLiterals::SourceRange↩
ForStringLiterals ( )  [inline]
```

Definition at line 36 of file ExecSQLToFunctionCall.h.

7.81.2.2 SourceRangeForStringLiterals() [2/6]

```
clang::tidy::pagesjaunes::ExecSQLToFunctionCall::SourceRangeForStringLiterals::SourceRange↩
ForStringLiterals (
            SourceRange urange,
            SourceRange mrange,
            StringRef name )  [inline]
```

Definition at line 37 of file ExecSQLToFunctionCall.h.

7.81.2.3 SourceRangeForStringLiterals() [3/6]

```
clang::tidy::pagesjaunes::ExecSQLToFunctionCall::SourceRangeForStringLiterals::SourceRange↩
ForStringLiterals (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 41 of file ExecSQLToFunctionCall.h.

7.81.2.4 SourceRangeForStringLiterals() [4/6]

```
clang::tidy::pagesjaunes::ExecSQLToFunctionCall::SourceRangeForStringLiterals::SourceRange↩
ForStringLiterals (
            SourceRangeForStringLiterals const & to_copy )  [inline]
```

Definition at line 45 of file ExecSQLToFunctionCall.h.

7.81.2.5 SourceRangeForStringLiterals() [5/6]

```
clang::tidy::pagesjaunes::ExecSQLToFunctionCall::SourceRangeForStringLiterals::SourceRange↩
ForStringLiterals (
            SourceRangeForStringLiterals * to_copy )  [inline]
```

Definition at line 49 of file ExecSQLToFunctionCall.h.

7.81.2.6 SourceRangeForStringLiterals() [6/6]

```
clang::tidy::pagesjaunes::ExecSQLToFunctionCall::SourceRangeForStringLiterals::SourceRange↩
ForStringLiterals (
            SourceRangeForStringLiterals const * to_copy )  [inline]
```

Definition at line 53 of file ExecSQLToFunctionCall.h.

7.81.3 Member Function Documentation

7.81.3.1 operator=() [1/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLToFunctionCall::SourceRange↩
ForStringLiterals::operator= (
            const SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 57 of file ExecSQLToFunctionCall.h.

7.81.3.2 operator=() [2/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLToFunctionCall::SourceRange↩
ForStringLiterals::operator= (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 64 of file ExecSQLToFunctionCall.h.

7.81.4 Member Data Documentation

7.81.4.1 m_macro_name

```
StringRef clang::tidy::pagesjaunes::ExecSQLToFunctionCall::SourceRangeForStringLiterals::m_↩
macro_name
```

Definition at line 74 of file ExecSQLToFunctionCall.h.

7.81.4.2 m_macro_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLToFunctionCall::SourceRangeForStringLiterals::m↩
_macro_range
```

Definition at line 73 of file ExecSQLToFunctionCall.h.

7.81.4.3 m_usage_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLToFunctionCall::SourceRangeForStringLiterals::m↩
_usage_range
```

Definition at line 72 of file ExecSQLToFunctionCall.h.

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

- ExecSQLToFunctionCall.h

7.82 clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::SourceRangeFor↩ StringLiterals Class Reference

```
#include <ExecSQLAllocateToFunctionCall.h>
```

Public Member Functions

- SourceRangeForStringLiterals ()
- SourceRangeForStringLiterals (SourceRange urange, SourceRange mrange, StringRef name)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals ∗to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const ∗to_copy)
- SourceRangeForStringLiterals & operator= (const SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals & operator= (SourceRangeForStringLiterals &to_copy)

Public Attributes

- SourceRange m_usage_range
- SourceRange m_macro_range
- StringRef m_macro_name

7.82.1 Detailed Description

Definition at line 33 of file ExecSQLAllocateToFunctionCall.h.

7.82.2 Constructor & Destructor Documentation

7.82.2.1 SourceRangeForStringLiterals() [1/6]

```
clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals ( )  [inline]
```

Definition at line 36 of file ExecSQLAllocateToFunctionCall.h.

7.82.2.2 SourceRangeForStringLiterals() [2/6]

```
clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals (
            SourceRange urange,
            SourceRange mrange,
            StringRef name )  [inline]
```

Definition at line 37 of file ExecSQLAllocateToFunctionCall.h.

7.82.2.3 SourceRangeForStringLiterals() [3/6]

```
clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 41 of file ExecSQLAllocateToFunctionCall.h.

7.82.2.4 SourceRangeForStringLiterals() [4/6]

```
clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals (
            SourceRangeForStringLiterals const & to_copy )  [inline]
```

Definition at line 45 of file ExecSQLAllocateToFunctionCall.h.

7.82.2.5 SourceRangeForStringLiterals() [5/6]

```
clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals (
            SourceRangeForStringLiterals * to_copy )  [inline]
```

Definition at line 49 of file ExecSQLAllocateToFunctionCall.h.

7.82.2.6 SourceRangeForStringLiterals() [6/6]

```
clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals (
            SourceRangeForStringLiterals const * to_copy )  [inline]
```

Definition at line 53 of file ExecSQLAllocateToFunctionCall.h.

7.82.3 Member Function Documentation

7.82.3.1 operator=() [1/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::↩
SourceRangeForStringLiterals::operator= (
            const SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 57 of file ExecSQLAllocateToFunctionCall.h.

7.82.3.2 operator=() [2/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::↩
SourceRangeForStringLiterals::operator= (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 64 of file ExecSQLAllocateToFunctionCall.h.

7.82.4 Member Data Documentation

7.82.4.1 m_macro_name

```
StringRef clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::SourceRangeForString↩
Literals::m_macro_name
```

Definition at line 74 of file ExecSQLAllocateToFunctionCall.h.

7.82.4.2 m_macro_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::SourceRangeForString↩
Literals::m_macro_range
```

Definition at line 73 of file ExecSQLAllocateToFunctionCall.h.

7.82.4.3 m_usage_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::SourceRangeForString↩
Literals::m_usage_range
```

Definition at line 72 of file ExecSQLAllocateToFunctionCall.h.

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

- ExecSQLAllocateToFunctionCall.h

7.83 clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::SourceRangeForString↩ Literals Class Reference

```
#include <ExecSQLFreeToFunctionCall.h>
```

Public Member Functions

- SourceRangeForStringLiterals ()
- SourceRangeForStringLiterals (SourceRange urange, SourceRange mrange, StringRef name)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals ∗to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const ∗to_copy)
- SourceRangeForStringLiterals & operator= (const SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals & operator= (SourceRangeForStringLiterals &to_copy)

Public Attributes

- SourceRange m_usage_range
- SourceRange m_macro_range
- StringRef m_macro_name

7.83.1 Detailed Description

Definition at line 33 of file ExecSQLFreeToFunctionCall.h.

7.83.2 Constructor & Destructor Documentation

7.83.2.1 SourceRangeForStringLiterals() [1/6]

```
clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals ( )  [inline]
```

Definition at line 36 of file ExecSQLFreeToFunctionCall.h.

7.83.2.2 SourceRangeForStringLiterals() [2/6]

```
clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRange urange,
            SourceRange mrange,
            StringRef name )  [inline]
```

Definition at line 37 of file ExecSQLFreeToFunctionCall.h.

7.83.2.3 SourceRangeForStringLiterals() [3/6]

```
clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 41 of file ExecSQLFreeToFunctionCall.h.

7.83.2.4 SourceRangeForStringLiterals() [4/6]

```
clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals const & to_copy )  [inline]
```

Definition at line 45 of file ExecSQLFreeToFunctionCall.h.

7.83.2.5 SourceRangeForStringLiterals() [5/6]

```
clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals * to_copy )  [inline]
```

Definition at line 49 of file ExecSQLFreeToFunctionCall.h.

7.83.2.6 SourceRangeForStringLiterals() [6/6]

```
clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals const * to_copy )  [inline]
```

Definition at line 53 of file ExecSQLFreeToFunctionCall.h.

7.83.3 Member Function Documentation

7.83.3.1 operator=() [1/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::Source↩
RangeForStringLiterals::operator= (
            const SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 57 of file ExecSQLFreeToFunctionCall.h.

7.83.3.2 operator=() [2/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::Source↩
RangeForStringLiterals::operator= (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 64 of file ExecSQLFreeToFunctionCall.h.

7.83.4 Member Data Documentation

7.83.4.1 m_macro_name

```
StringRef clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::SourceRangeForStringLiterals↩
::m_macro_name
```

Definition at line 74 of file ExecSQLFreeToFunctionCall.h.

7.83.4.2 m_macro_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::SourceRangeForStringLiterals↩
::m_macro_range
```

Definition at line 73 of file ExecSQLFreeToFunctionCall.h.

7.83.4.3 m_usage_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::SourceRangeForStringLiterals↩
::m_usage_range
```

Definition at line 72 of file ExecSQLFreeToFunctionCall.h.

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

- ExecSQLFreeToFunctionCall.h

7.84 clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::SourceRangeFor↩ StringLiterals Class Reference

```
#include <ExecSQLLOBOpenToFunctionCall.h>
```

Public Member Functions

- SourceRangeForStringLiterals ()
- SourceRangeForStringLiterals (SourceRange urange, SourceRange mrange, StringRef name)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals ∗to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const ∗to_copy)
- SourceRangeForStringLiterals & operator= (const SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals & operator= (SourceRangeForStringLiterals &to_copy)

Public Attributes

- SourceRange m_usage_range
- SourceRange m_macro_range
- StringRef m_macro_name

7.84.1 Detailed Description

Definition at line 33 of file ExecSQLLOBOpenToFunctionCall.h.

7.84.2 Constructor & Destructor Documentation

7.84.2.1 SourceRangeForStringLiterals() [1/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals ( )  [inline]
```

Definition at line 36 of file ExecSQLLOBOpenToFunctionCall.h.

7.84.2.2 SourceRangeForStringLiterals() [2/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRange urange,
            SourceRange mrange,
            StringRef name )  [inline]
```

Definition at line 37 of file ExecSQLLOBOpenToFunctionCall.h.

7.84.2.3 SourceRangeForStringLiterals() [3/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 41 of file ExecSQLLOBOpenToFunctionCall.h.

7.84.2.4 SourceRangeForStringLiterals() [4/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals const & to_copy )  [inline]
```

Definition at line 45 of file ExecSQLLOBOpenToFunctionCall.h.

7.84.2.5 SourceRangeForStringLiterals() [5/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals * to_copy )  [inline]
```

Definition at line 49 of file ExecSQLLOBOpenToFunctionCall.h.

7.84.2.6 SourceRangeForStringLiterals() [6/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals const * to_copy )  [inline]
```

Definition at line 53 of file ExecSQLLOBOpenToFunctionCall.h.

7.84.3 Member Function Documentation

7.84.3.1 operator=() [1/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::Source↩
RangeForStringLiterals::operator= (
            const SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 57 of file ExecSQLLOBOpenToFunctionCall.h.

7.84.3.2 operator=() [2/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::Source↩
RangeForStringLiterals::operator= (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 64 of file ExecSQLLOBOpenToFunctionCall.h.

7.84.4 Member Data Documentation

7.84.4.1 m_macro_name

```
StringRef clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::SourceRangeForStringLiterals↩
::m_macro_name
```

Definition at line 74 of file ExecSQLLOBOpenToFunctionCall.h.

7.84.4.2 m_macro_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::SourceRangeForString↩
Literals::m_macro_range
```

Definition at line 73 of file ExecSQLLOBOpenToFunctionCall.h.

7.84.4.3 m_usage_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::SourceRangeForString↩
Literals::m_usage_range
```

Definition at line 72 of file ExecSQLLOBOpenToFunctionCall.h.

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

- ExecSQLLOBOpenToFunctionCall.h

7.85 clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::SourceRangeForString↩ Literals Class Reference

Collect data about macro expansion for string literals.

```
#include <ExecSQLCloseToFunctionCall.h>
```

Public Member Functions

- SourceRangeForStringLiterals ()
- SourceRangeForStringLiterals (SourceRange urange, SourceRange mrange, StringRef name)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals ∗to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const ∗to_copy)
- SourceRangeForStringLiterals & operator= (const SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals & operator= (SourceRangeForStringLiterals &to_copy)

Public Attributes

- SourceRange m_usage_range
- SourceRange m_macro_range
- StringRef m_macro_name

7.85.1 Detailed Description

Collect data about macro expansion for string literals.

SourceRangeForStringLiterals

Instances of this class are created for each occurence of string literal expansions in macro. Each occurence allows to keep two source ranges:

- one for the macro usage in source code (expansion usage location)
- one for the macro definition used for expansion (macro definition location) This class also keep the original macro identifier (identifier token for the name of the macro).

Definition at line 76 of file ExecSQLCloseToFunctionCall.h.

7.85.2 Constructor & Destructor Documentation

7.85.2.1 SourceRangeForStringLiterals() [1/6]

```
clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals ( )  [inline]
```

Definition at line 80 of file ExecSQLCloseToFunctionCall.h.

7.85.2.2 SourceRangeForStringLiterals() [2/6]

```
clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRange urange,
            SourceRange mrange,
            StringRef name )  [inline]
```

Definition at line 82 of file ExecSQLCloseToFunctionCall.h.

7.85.2.3 SourceRangeForStringLiterals() [3/6]

```
clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 87 of file ExecSQLCloseToFunctionCall.h.

7.85.2.4 SourceRangeForStringLiterals() [4/6]

```
clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals const & to_copy )  [inline]
```

Definition at line 92 of file ExecSQLCloseToFunctionCall.h.

7.85.2.5 SourceRangeForStringLiterals() [5/6]

```
clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals * to_copy )  [inline]
```

Definition at line 97 of file ExecSQLCloseToFunctionCall.h.

7.85.2.6 SourceRangeForStringLiterals() [6/6]

```
clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals const * to_copy )  [inline]
```

Definition at line 102 of file ExecSQLCloseToFunctionCall.h.

7.85.3 Member Function Documentation

7.85.3.1 operator=() [1/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::Source↩
RangeForStringLiterals::operator= (
            const SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 107 of file ExecSQLCloseToFunctionCall.h.

7.85.3.2 operator=() [2/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::Source↩
RangeForStringLiterals::operator= (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 115 of file ExecSQLCloseToFunctionCall.h.

7.85.4 Member Data Documentation

7.85.4.1 m_macro_name

```
StringRef clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::SourceRangeForStringLiterals↩
::m_macro_name
```

Definition at line 125 of file ExecSQLCloseToFunctionCall.h.

7.85.4.2 m_macro_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::SourceRangeForStringLiterals↩
::m_macro_range
```

Definition at line 124 of file ExecSQLCloseToFunctionCall.h.

7.85.4.3 m_usage_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::SourceRangeForStringLiterals↩
::m_usage_range
```

Definition at line 123 of file ExecSQLCloseToFunctionCall.h.

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

- ExecSQLCloseToFunctionCall.h

7.86 clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::SourceRangeFor↩ StringLiterals Class Reference

```
#include <ExecSQLLOBCloseToFunctionCall.h>
```

Public Member Functions

- SourceRangeForStringLiterals ()
- SourceRangeForStringLiterals (SourceRange urange, SourceRange mrange, StringRef name)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals *to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const *to_copy)
- SourceRangeForStringLiterals & operator= (const SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals & operator= (SourceRangeForStringLiterals &to_copy)

Public Attributes

- SourceRange m_usage_range
- SourceRange m_macro_range
- StringRef m_macro_name

7.86.1 Detailed Description

Definition at line 51 of file ExecSQLLOBCloseToFunctionCall.h.

7.86.2 Constructor & Destructor Documentation

7.86.2.1 SourceRangeForStringLiterals() [1/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals ( )  [inline]
```

Definition at line 55 of file ExecSQLLOBCloseToFunctionCall.h.

7.86.2.2 SourceRangeForStringLiterals() [2/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals (
            SourceRange urange,
            SourceRange mrange,
            StringRef name )  [inline]
```

Definition at line 57 of file ExecSQLLOBCloseToFunctionCall.h.

7.86.2.3 SourceRangeForStringLiterals() [3/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 62 of file ExecSQLLOBCloseToFunctionCall.h.

7.86.2.4 SourceRangeForStringLiterals() [4/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals (
            SourceRangeForStringLiterals const & to_copy )  [inline]
```

Definition at line 67 of file ExecSQLLOBCloseToFunctionCall.h.

7.86.2.5 SourceRangeForStringLiterals() [5/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals (
            SourceRangeForStringLiterals * to_copy )  [inline]
```

Definition at line 72 of file ExecSQLLOBCloseToFunctionCall.h.

7.86.2.6 SourceRangeForStringLiterals() [6/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals (
            SourceRangeForStringLiterals const * to_copy )  [inline]
```

Definition at line 77 of file ExecSQLLOBCloseToFunctionCall.h.

7.86.3 Member Function Documentation

7.86.3.1 operator=() [1/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::↩
SourceRangeForStringLiterals::operator= (
            const SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 82 of file ExecSQLLOBCloseToFunctionCall.h.

7.86.3.2 operator=() [2/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::↩
SourceRangeForStringLiterals::operator= (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 90 of file ExecSQLLOBCloseToFunctionCall.h.

7.86.4 Member Data Documentation

7.86.4.1 m_macro_name

```
StringRef clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::SourceRangeForString↩
Literals::m_macro_name
```

Definition at line 100 of file ExecSQLLOBCloseToFunctionCall.h.

7.86.4.2 m_macro_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::SourceRangeForString↩
Literals::m_macro_range
```

Definition at line 99 of file ExecSQLLOBCloseToFunctionCall.h.

7.86.4.3 m_usage_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::SourceRangeForString↩
Literals::m_usage_range
```

Definition at line 98 of file ExecSQLLOBCloseToFunctionCall.h.

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

- ExecSQLLOBCloseToFunctionCall.h

7.87 clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::SourceRangeFor↩ StringLiterals Class Reference

```
#include <ExecSQLLOBCreateToFunctionCall.h>
```

Public Member Functions

- SourceRangeForStringLiterals ()
- SourceRangeForStringLiterals (SourceRange urange, SourceRange mrange, StringRef name)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals *to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const *to_copy)
- SourceRangeForStringLiterals & operator= (const SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals & operator= (SourceRangeForStringLiterals &to_copy)

Public Attributes

- SourceRange m_usage_range
- SourceRange m_macro_range
- StringRef m_macro_name

7.87.1 Detailed Description

Definition at line 33 of file ExecSQLLOBCreateToFunctionCall.h.

7.87.2 Constructor & Destructor Documentation

7.87.2.1 SourceRangeForStringLiterals() [1/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals ( )  [inline]
```

Definition at line 36 of file ExecSQLLOBCreateToFunctionCall.h.

7.87.2.2 SourceRangeForStringLiterals() [2/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals (
            SourceRange urange,
            SourceRange mrange,
            StringRef name )  [inline]
```

Definition at line 37 of file ExecSQLLOBCreateToFunctionCall.h.

7.87.2.3 SourceRangeForStringLiterals() [3/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 41 of file ExecSQLLOBCreateToFunctionCall.h.

7.87.2.4 SourceRangeForStringLiterals() [4/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals (
            SourceRangeForStringLiterals const & to_copy )  [inline]
```

Definition at line 45 of file ExecSQLLOBCreateToFunctionCall.h.

7.87.2.5 SourceRangeForStringLiterals() [5/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals (
            SourceRangeForStringLiterals * to_copy )  [inline]
```

Definition at line 49 of file ExecSQLLOBCreateToFunctionCall.h.

7.87.2.6 SourceRangeForStringLiterals() [6/6]

```
clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::SourceRangeForStringLiterals::↩
SourceRangeForStringLiterals (
            SourceRangeForStringLiterals const * to_copy )  [inline]
```

Definition at line 53 of file ExecSQLLOBCreateToFunctionCall.h.

7.87.3 Member Function Documentation

7.87.3.1 operator=() [1/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::↩
SourceRangeForStringLiterals::operator= (
            const SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 57 of file ExecSQLLOBCreateToFunctionCall.h.

7.87.3.2 operator=() [2/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::↩
SourceRangeForStringLiterals::operator= (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 64 of file ExecSQLLOBCreateToFunctionCall.h.

7.87.4 Member Data Documentation

7.87.4.1 m_macro_name

```
StringRef clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::SourceRangeForString↩
Literals::m_macro_name
```

Definition at line 74 of file ExecSQLLOBCreateToFunctionCall.h.

7.87.4.2 m_macro_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::SourceRangeForString↩
Literals::m_macro_range
```

Definition at line 73 of file ExecSQLLOBCreateToFunctionCall.h.

7.87.4.3 m_usage_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::SourceRangeForString↩
Literals::m_usage_range
```

Definition at line 72 of file ExecSQLLOBCreateToFunctionCall.h.

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

- ExecSQLLOBCreateToFunctionCall.h

7.88 clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::SourceRangeForString↩ Literals Class Reference

Collect data about macro expansion for string literals.

```
#include <ExecSQLOpenToFunctionCall.h>
```

Public Member Functions

- SourceRangeForStringLiterals ()
- SourceRangeForStringLiterals (SourceRange urange, SourceRange mrange, StringRef name)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const &to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals *to_copy)
- SourceRangeForStringLiterals (SourceRangeForStringLiterals const *to_copy)
- SourceRangeForStringLiterals & operator= (const SourceRangeForStringLiterals &to_copy)
- SourceRangeForStringLiterals & operator= (SourceRangeForStringLiterals &to_copy)

Public Attributes

- SourceRange m_usage_range
- SourceRange m_macro_range
- StringRef m_macro_name

7.88.1 Detailed Description

Collect data about macro expansion for string literals.

SourceRangeForStringLiterals

Instances of this class are created for each occurence of string literal expansions in macro. Each occurence allows to keep two source ranges:

- one for the macro usage in source code (expansion usage location)
- one for the macro definition used for expansion (macro definition location) This class also keep the original macro identifier (identifier token for the name of the macro).

Definition at line 76 of file ExecSQLOpenToFunctionCall.h.

7.88.2 Constructor & Destructor Documentation

7.88.2.1 SourceRangeForStringLiterals() [1/6]

```
clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals ( )  [inline]
```

Definition at line 80 of file ExecSQLOpenToFunctionCall.h.

7.88.2.2 SourceRangeForStringLiterals() [2/6]

```
clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRange urange,
            SourceRange mrange,
            StringRef name )  [inline]
```

Definition at line 82 of file ExecSQLOpenToFunctionCall.h.

7.88.2.3 SourceRangeForStringLiterals() [3/6]

```
clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 87 of file ExecSQLOpenToFunctionCall.h.

7.88.2.4 SourceRangeForStringLiterals() [4/6]

```
clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals const & to_copy )  [inline]
```

Definition at line 92 of file ExecSQLOpenToFunctionCall.h.

7.88.2.5 SourceRangeForStringLiterals() [5/6]

```
clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals * to_copy )  [inline]
```

Definition at line 97 of file ExecSQLOpenToFunctionCall.h.

7.88.2.6 SourceRangeForStringLiterals() [6/6]

```
clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::SourceRangeForStringLiterals::Source↩
RangeForStringLiterals (
            SourceRangeForStringLiterals const * to_copy )  [inline]
```

Definition at line 102 of file ExecSQLOpenToFunctionCall.h.

7.88.3 Member Function Documentation

7.88.3.1 operator=() [1/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::Source↩
RangeForStringLiterals::operator= (
            const SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 107 of file ExecSQLOpenToFunctionCall.h.

7.88.3.2 operator=() [2/2]

```
SourceRangeForStringLiterals& clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::Source↩
RangeForStringLiterals::operator= (
            SourceRangeForStringLiterals & to_copy )  [inline]
```

Definition at line 115 of file ExecSQLOpenToFunctionCall.h.

7.88.4 Member Data Documentation

7.88.4.1 m_macro_name

```
StringRef clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::SourceRangeForStringLiterals↩
::m_macro_name
```

Definition at line 125 of file ExecSQLOpenToFunctionCall.h.

7.88.4.2 m_macro_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::SourceRangeForStringLiterals↩
::m_macro_range
```

Definition at line 124 of file ExecSQLOpenToFunctionCall.h.

7.88.4.3 m_usage_range

```
SourceRange clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::SourceRangeForStringLiterals↩
::m_usage_range
```

Definition at line 123 of file ExecSQLOpenToFunctionCall.h.

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

- ExecSQLOpenToFunctionCall.h

7.89 clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::StringLiteralRecord Struct Reference

```
#include <ExecSQLForToFunctionCall.h>
```

Public Attributes

- const CallExpr * callExpr
- unsigned call_linenum
- const StringLiteral * literal
- unsigned linenum
- const VarDecl * varDecl
- unsigned vardecl_linenum

7.89.1 Detailed Description

Definition at line 106 of file ExecSQLForToFunctionCall.h.

7.89.2 Member Data Documentation

7.89.2.1 call_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::StringLiteralRecord::call_linenum
```

Definition at line 109 of file ExecSQLForToFunctionCall.h.

7.89.2.2 callExpr

```
const CallExpr* clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::StringLiteralRecord::call↩
Expr
```

Definition at line 108 of file ExecSQLForToFunctionCall.h.

7.89.2.3 linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::StringLiteralRecord::linenum
```

Definition at line 111 of file ExecSQLForToFunctionCall.h.

7.89.2.4 literal

```
const StringLiteral* clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::StringLiteralRecord↩
::literal
```

Definition at line 110 of file ExecSQLForToFunctionCall.h.

7.89.2.5 varDecl

```
const VarDecl* clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::StringLiteralRecord::var↩
Decl
```

Definition at line 112 of file ExecSQLForToFunctionCall.h.

7.89.2.6 vardecl_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::StringLiteralRecord::vardecl_↩
linenum
```

Definition at line 113 of file ExecSQLForToFunctionCall.h.

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

- ExecSQLForToFunctionCall.h

7.90 clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::StringLiteralRecord Struct Reference

`#include <ExecSQLLOBCreateToFunctionCall.h>`

Public Attributes

- const CallExpr * callExpr
- unsigned call_linenum
- const StringLiteral * literal
- unsigned linenum
- const VarDecl * varDecl
- unsigned vardecl_linenum

7.90.1 Detailed Description

Definition at line 106 of file ExecSQLLOBCreateToFunctionCall.h.

7.90.2 Member Data Documentation

7.90.2.1 call_linenum

`unsigned clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::StringLiteralRecord::call↩_linenum`

Definition at line 109 of file ExecSQLLOBCreateToFunctionCall.h.

7.90.2.2 callExpr

`const CallExpr* clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::StringLiteralRecord↩::callExpr`

Definition at line 108 of file ExecSQLLOBCreateToFunctionCall.h.

7.90.2.3 linenum

`unsigned clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::StringLiteralRecord::linenum`

Definition at line 111 of file ExecSQLLOBCreateToFunctionCall.h.

7.90.2.4 literal

```
const StringLiteral* clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::StringLiteral↩
Record::literal
```

Definition at line 110 of file ExecSQLLOBCreateToFunctionCall.h.

7.90.2.5 varDecl

```
const VarDecl* clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::StringLiteralRecord↩
::varDecl
```

Definition at line 112 of file ExecSQLLOBCreateToFunctionCall.h.

7.90.2.6 vardecl_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::StringLiteralRecord::vardecl↩
_linenum
```

Definition at line 113 of file ExecSQLLOBCreateToFunctionCall.h.

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

- ExecSQLLOBCreateToFunctionCall.h

7.91 clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::StringLiteralRecord Struct Reference

```
#include <ExecSQLLOBFreeToFunctionCall.h>
```

Public Attributes

- const CallExpr * callExpr
- unsigned call_linenum
- const StringLiteral * literal
- unsigned linenum
- const VarDecl * varDecl
- unsigned vardecl_linenum

7.91.1 Detailed Description

Definition at line 106 of file ExecSQLLOBFreeToFunctionCall.h.

7.91.2 Member Data Documentation

7.91.2.1 call_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::StringLiteralRecord::call_↩
linenum
```

Definition at line 109 of file ExecSQLLOBFreeToFunctionCall.h.

7.91.2.2 callExpr

```
const CallExpr* clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::StringLiteralRecord↩
::callExpr
```

Definition at line 108 of file ExecSQLLOBFreeToFunctionCall.h.

7.91.2.3 linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::StringLiteralRecord::linenum
```

Definition at line 111 of file ExecSQLLOBFreeToFunctionCall.h.

7.91.2.4 literal

```
const StringLiteral* clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::StringLiteral↩
Record::literal
```

Definition at line 110 of file ExecSQLLOBFreeToFunctionCall.h.

7.91.2.5 varDecl

```
const VarDecl* clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::StringLiteralRecord↩
::varDecl
```

Definition at line 112 of file ExecSQLLOBFreeToFunctionCall.h.

7.91.2.6 vardecl_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::StringLiteralRecord::vardecl↩
_linenum
```

Definition at line 113 of file ExecSQLLOBFreeToFunctionCall.h.

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

- ExecSQLLOBFreeToFunctionCall.h

7.92 clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::StringLiteralRecord Struct Reference

```
#include <ExecSQLAllocateToFunctionCall.h>
```

Public Attributes

- const CallExpr * callExpr
- unsigned call_linenum
- const StringLiteral * literal
- unsigned linenum
- const VarDecl * varDecl
- unsigned vardecl_linenum

7.92.1 Detailed Description

Definition at line 106 of file ExecSQLAllocateToFunctionCall.h.

7.92.2 Member Data Documentation

7.92.2.1 call_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::StringLiteralRecord::call_↩
linenum
```

Definition at line 109 of file ExecSQLAllocateToFunctionCall.h.

7.92.2.2 callExpr

```
const CallExpr* clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::StringLiteralRecord↩
::callExpr
```

Definition at line 108 of file ExecSQLAllocateToFunctionCall.h.

7.92.2.3 linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::StringLiteralRecord::linenum
```

Definition at line 111 of file ExecSQLAllocateToFunctionCall.h.

7.92.2.4 literal

```
const StringLiteral* clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::StringLiteral↩
Record::literal
```

Definition at line 110 of file ExecSQLAllocateToFunctionCall.h.

7.92.2.5 varDecl

```
const VarDecl* clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::StringLiteralRecord↩
::varDecl
```

Definition at line 112 of file ExecSQLAllocateToFunctionCall.h.

7.92.2.6 vardecl_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::StringLiteralRecord::vardecl↩
_linenum
```

Definition at line 113 of file ExecSQLAllocateToFunctionCall.h.

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

- ExecSQLAllocateToFunctionCall.h

7.93 clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::StringLiteralRecord Struct Reference

`#include <ExecSQLFreeToFunctionCall.h>`

Public Attributes

- const CallExpr * callExpr
- unsigned call_linenum
- const StringLiteral * literal
- unsigned linenum
- const VarDecl * varDecl
- unsigned vardecl_linenum

7.93.1 Detailed Description

Definition at line 106 of file ExecSQLFreeToFunctionCall.h.

7.93.2 Member Data Documentation

7.93.2.1 call_linenum

`unsigned clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::StringLiteralRecord::call_↩ linenum`

Definition at line 109 of file ExecSQLFreeToFunctionCall.h.

7.93.2.2 callExpr

`const CallExpr* clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::StringLiteralRecord↩ ::callExpr`

Definition at line 108 of file ExecSQLFreeToFunctionCall.h.

7.93.2.3 linenum

`unsigned clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::StringLiteralRecord::linenum`

Definition at line 111 of file ExecSQLFreeToFunctionCall.h.

7.93.2.4 literal

```
const StringLiteral* clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::StringLiteralRecord↩
::literal
```

Definition at line 110 of file ExecSQLFreeToFunctionCall.h.

7.93.2.5 varDecl

```
const VarDecl* clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::StringLiteralRecord::var↩
Decl
```

Definition at line 112 of file ExecSQLFreeToFunctionCall.h.

7.93.2.6 vardecl_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::StringLiteralRecord::vardecl_↩
linenum
```

Definition at line 113 of file ExecSQLFreeToFunctionCall.h.

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

- ExecSQLFreeToFunctionCall.h

7.94 clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::StringLiteralRecord Struct Reference

```
#include <ExecSQLLOBOpenToFunctionCall.h>
```

Public Attributes

- const CallExpr * callExpr
- unsigned call_linenum
- const StringLiteral * literal
- unsigned linenum
- const VarDecl * varDecl
- unsigned vardecl_linenum

7.94.1 Detailed Description

Definition at line 106 of file ExecSQLLOBOpenToFunctionCall.h.

7.94.2 Member Data Documentation

7.94.2.1 call_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::StringLiteralRecord::call_↩
linenum
```

Definition at line 109 of file ExecSQLLOBOpenToFunctionCall.h.

7.94.2.2 callExpr

```
const CallExpr* clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::StringLiteralRecord↩
::callExpr
```

Definition at line 108 of file ExecSQLLOBOpenToFunctionCall.h.

7.94.2.3 linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::StringLiteralRecord::linenum
```

Definition at line 111 of file ExecSQLLOBOpenToFunctionCall.h.

7.94.2.4 literal

```
const StringLiteral* clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::StringLiteral↩
Record::literal
```

Definition at line 110 of file ExecSQLLOBOpenToFunctionCall.h.

7.94.2.5 varDecl

```
const VarDecl* clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::StringLiteralRecord↩
::varDecl
```

Definition at line 112 of file ExecSQLLOBOpenToFunctionCall.h.

7.94.2.6 vardecl_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::StringLiteralRecord::vardecl↩
_linenum
```

Definition at line 113 of file ExecSQLLOBOpenToFunctionCall.h.

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

- ExecSQLLOBOpenToFunctionCall.h

7.95 clang::tidy::pagesjaunes::ExecSQLToFunctionCall::StringLiteralRecord Struct Reference

```
#include <ExecSQLToFunctionCall.h>
```

Public Attributes

- const CallExpr * callExpr
- unsigned call_linenum
- const StringLiteral * literal
- unsigned linenum
- const VarDecl * varDecl
- unsigned vardecl_linenum

7.95.1 Detailed Description

Definition at line 106 of file ExecSQLToFunctionCall.h.

7.95.2 Member Data Documentation

7.95.2.1 call_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLToFunctionCall::StringLiteralRecord::call_linenum
```

Definition at line 109 of file ExecSQLToFunctionCall.h.

7.95.2.2 callExpr

```
const CallExpr* clang::tidy::pagesjaunes::ExecSQLToFunctionCall::StringLiteralRecord::callExpr
```

Definition at line 108 of file ExecSQLToFunctionCall.h.

7.95.2.3 linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLToFunctionCall::StringLiteralRecord::linenum
```

Definition at line 111 of file ExecSQLToFunctionCall.h.

7.95.2.4 literal

```
const StringLiteral* clang::tidy::pagesjaunes::ExecSQLToFunctionCall::StringLiteralRecord↩
::literal
```

Definition at line 110 of file ExecSQLToFunctionCall.h.

7.95.2.5 varDecl

```
const VarDecl* clang::tidy::pagesjaunes::ExecSQLToFunctionCall::StringLiteralRecord::varDecl
```

Definition at line 112 of file ExecSQLToFunctionCall.h.

7.95.2.6 vardecl_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLToFunctionCall::StringLiteralRecord::vardecl_linenum
```

Definition at line 113 of file ExecSQLToFunctionCall.h.

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

- ExecSQLToFunctionCall.h

7.96 clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::StringLiteralRecord Struct Reference

```
#include <ExecSQLLOBCloseToFunctionCall.h>
```

Public Attributes

- const CallExpr * callExpr
- unsigned call_linenum
- const StringLiteral * literal
- unsigned linenum
- const VarDecl * varDecl
- unsigned vardecl_linenum

7.96.1 Detailed Description

Definition at line 124 of file ExecSQLLOBCloseToFunctionCall.h.

7.96.2 Member Data Documentation

7.96.2.1 call_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::StringLiteralRecord::call_↩
linenum
```

Definition at line 127 of file ExecSQLLOBCloseToFunctionCall.h.

7.96.2.2 callExpr

```
const CallExpr* clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::StringLiteralRecord↩
::callExpr
```

Definition at line 126 of file ExecSQLLOBCloseToFunctionCall.h.

7.96.2.3 linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::StringLiteralRecord::linenum
```

Definition at line 129 of file ExecSQLLOBCloseToFunctionCall.h.

7.96.2.4 literal

```
const StringLiteral* clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::StringLiteral↩
Record::literal
```

Definition at line 128 of file ExecSQLLOBCloseToFunctionCall.h.

7.96.2.5 varDecl

```
const VarDecl* clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::StringLiteralRecord↩
::varDecl
```

Definition at line 130 of file ExecSQLLOBCloseToFunctionCall.h.

7.96.2.6 vardecl_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::StringLiteralRecord::vardecl↩
_linenum
```

Definition at line 131 of file ExecSQLLOBCloseToFunctionCall.h.

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

- ExecSQLLOBCloseToFunctionCall.h

7.97 clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::StringLiteralRecord Struct Reference

```
#include <ExecSQLPrepareToFunctionCall.h>
```

Public Attributes

- const CallExpr * callExpr
- unsigned call_linenum
- const StringLiteral * literal
- unsigned linenum
- const VarDecl * varDecl
- unsigned vardecl_linenum

7.97.1 Detailed Description

Definition at line 178 of file ExecSQLPrepareToFunctionCall.h.

7.97.2 Member Data Documentation

7.97.2.1 call_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::StringLiteralRecord::call_↩
linenum
```

Definition at line 181 of file ExecSQLPrepareToFunctionCall.h.

7.97.2.2 callExpr

```
const CallExpr* clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::StringLiteralRecord↩
::callExpr
```

Definition at line 180 of file ExecSQLPrepareToFunctionCall.h.

7.97.2.3 linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::StringLiteralRecord::linenum
```

Definition at line 183 of file ExecSQLPrepareToFunctionCall.h.

7.97.2.4 literal

```
const StringLiteral* clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::StringLiteral↩
Record::literal
```

Definition at line 182 of file ExecSQLPrepareToFunctionCall.h.

7.97.2.5 varDecl

```
const VarDecl* clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::StringLiteralRecord↩
::varDecl
```

Definition at line 184 of file ExecSQLPrepareToFunctionCall.h.

7.97.2.6 vardecl_linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::StringLiteralRecord::vardecl↩
_linenum
```

Definition at line 185 of file ExecSQLPrepareToFunctionCall.h.

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

- ExecSQLPrepareToFunctionCall.h

7.98 clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::VarDeclMatchRecord Struct Reference

```
#include <ExecSQLLOBReadToFunctionCall.h>
```

Public Attributes

- const VarDecl * varDecl
- unsigned linenum
- char dummy1 [16]
- char dummy2 [16]

7.98.1 Detailed Description

Definition at line 121 of file ExecSQLLOBReadToFunctionCall.h.

7.98.2 Member Data Documentation

7.98.2.1 dummy1

```
char clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::VarDeclMatchRecord::dummy1[16]
```

Definition at line 125 of file ExecSQLLOBReadToFunctionCall.h.

7.98.2.2 dummy2

```
char clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::VarDeclMatchRecord::dummy2[16]
```

Definition at line 126 of file ExecSQLLOBReadToFunctionCall.h.

7.98.2.3 linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::VarDeclMatchRecord::linenum
```

Definition at line 124 of file ExecSQLLOBReadToFunctionCall.h.

7.98.2.4 varDecl

```
const VarDecl* clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::VarDeclMatchRecord↩
::varDecl
```

Definition at line 123 of file ExecSQLLOBReadToFunctionCall.h.

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

- ExecSQLLOBReadToFunctionCall.h

7.99 clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::VarDeclMatchRecord Struct Reference

```
#include <ExecSQLCloseToFunctionCall.h>
```

Public Attributes

- const VarDecl * varDecl
- unsigned linenum
- char dummy1 [16]
- char dummy2 [16]

7.99.1 Detailed Description

Definition at line 172 of file ExecSQLCloseToFunctionCall.h.

7.99.2 Member Data Documentation

7.99.2.1 dummy1

```
char clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::VarDeclMatchRecord::dummy1[16]
```

Definition at line 176 of file ExecSQLCloseToFunctionCall.h.

7.99.2.2 dummy2

```
char clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::VarDeclMatchRecord::dummy2[16]
```

Definition at line 177 of file ExecSQLCloseToFunctionCall.h.

7.99.2.3 linenum

```
unsigned clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::VarDeclMatchRecord::linenum
```

Definition at line 175 of file ExecSQLCloseToFunctionCall.h.

7.99.2.4 varDecl

```
const VarDecl* clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::VarDeclMatchRecord::var↩
Decl
```

Definition at line 174 of file ExecSQLCloseToFunctionCall.h.

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

- ExecSQLCloseToFunctionCall.h

7.100 clang::tidy::pagesjaunes::VarDeclMatchRecord Struct Reference

```
#include <ExecSQLCommon.h>
```

Public Attributes

- const VarDecl * varDecl
- unsigned linenum
- char dummy1 [16]
- char dummy2 [16]

7.100.1 Detailed Description

Definition at line 143 of file ExecSQLCommon.h.

7.100.2 Member Data Documentation

7.100.2.1 dummy1

```
char clang::tidy::pagesjaunes::VarDeclMatchRecord::dummy1[16]
```

Definition at line 147 of file ExecSQLCommon.h.

7.100.2.2 dummy2

```
char clang::tidy::pagesjaunes::VarDeclMatchRecord::dummy2[16]
```

Definition at line 148 of file ExecSQLCommon.h.

7.100.2.3 linenum

```
unsigned clang::tidy::pagesjaunes::VarDeclMatchRecord::linenum
```

Definition at line 146 of file ExecSQLCommon.h.

7.100.2.4 varDecl

```
const VarDecl* clang::tidy::pagesjaunes::VarDeclMatchRecord::varDecl
```

Definition at line 145 of file ExecSQLCommon.h.

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

- ExecSQLCommon.h

Chapter 8

File Documentation

8.1 CCharToCXXString.cpp File Reference

```
#include "CCharToCXXString.h"
#include "clang/AST/ASTContext.h"
#include "llvm/ADT/ArrayRef.h"
#include "llvm/ADT/STLExtras.h"
#include "llvm/Support/DataTypes.h"
#include "llvm/Support/Format.h"
#include "llvm/Support/FormatVariadic.h"
#include "llvm/Support/SourceMgr.h"
```

Include dependency graph for CCharToCXXString.cpp:

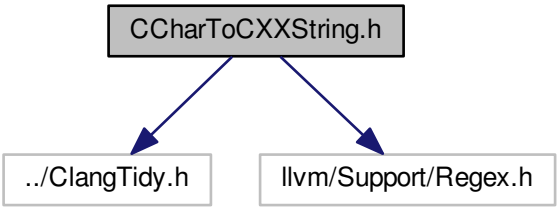
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

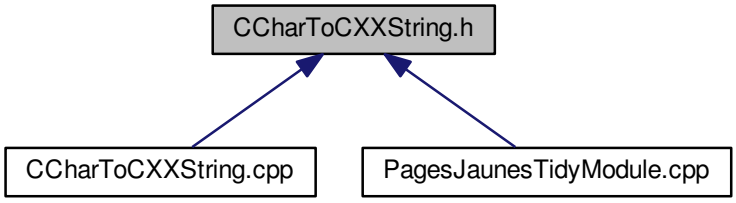
8.2 CCharToCXXString.h File Reference

```
#include "../ClangTidy.h"
#include "llvm/Support/Regex.h"
```

Include dependency graph for CCharToCXXString.h:



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



Classes

- class clang::tidy::pagesjaunes::CCharToCXXString

  Checks that argument name match parameter name rules.

Namespaces

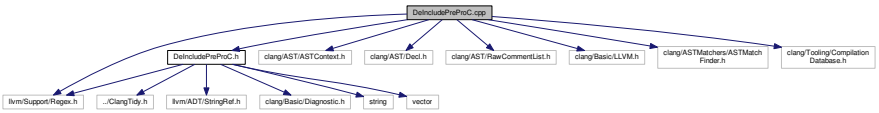
- clang
- clang::tidy
- clang::tidy::pagesjaunes

8.3 DeIncludePreProC.cpp File Reference

```
#include "DeIncludePreProC.h"
#include "clang/AST/ASTContext.h"
#include "clang/AST/Decl.h"
#include "clang/AST/RawCommentList.h"
#include "clang/Basic/LLVM.h"
```

```
#include "clang/ASTMatchers/ASTMatchFinder.h"
#include "clang/Tooling/CompilationDatabase.h"
#include "llvm/Support/Regex.h"
```

Include dependency graph for DeIncludePreProC.cpp:



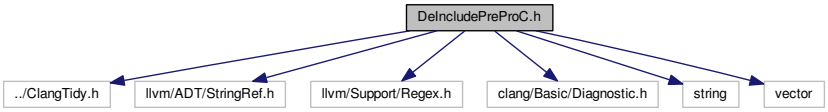
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

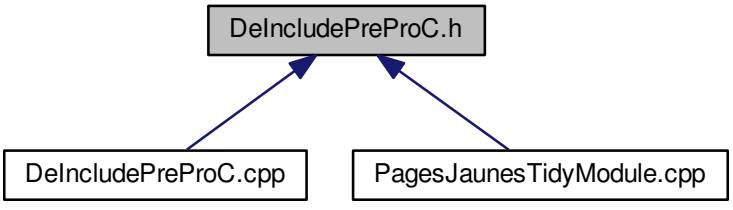
8.4 DeIncludePreProC.h File Reference

```
#include "../ClangTidy.h"
#include "llvm/ADT/StringRef.h"
#include "llvm/Support/Regex.h"
#include "clang/Basic/Diagnostic.h"
#include <string>
#include <vector>
```

Include dependency graph for DeIncludePreProC.h:



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



Classes

- class clang::tidy::pagesjaunes::DeIncludePreProC

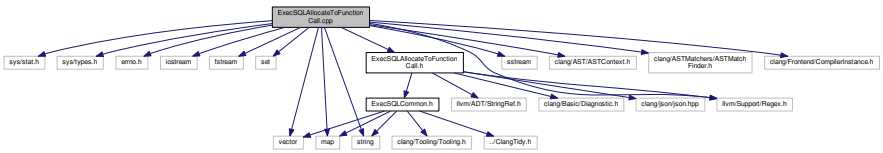
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

8.5 ExecSQLAllocateToFunctionCall.cpp File Reference

```
#include <sys/stat.h>
#include <sys/types.h>
#include <errno.h>
#include <iostream>
#include <fstream>
#include <set>
#include <vector>
#include <map>
#include <sstream>
#include <string>
#include "ExecSQLAllocateToFunctionCall.h"
#include "clang/AST/ASTContext.h"
#include "clang/ASTMatchers/ASTMatchFinder.h"
#include "clang/Frontend/CompilerInstance.h"
#include "llvm/Support/Regex.h"
```

Include dependency graph for ExecSQLAllocateToFunctionCall.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

Typedefs

- using emplace_ret_t = std::pair< std::set< std::string >::iterator, bool >

8.5.1 Typedef Documentation

8.5.1.1 emplace_ret_t

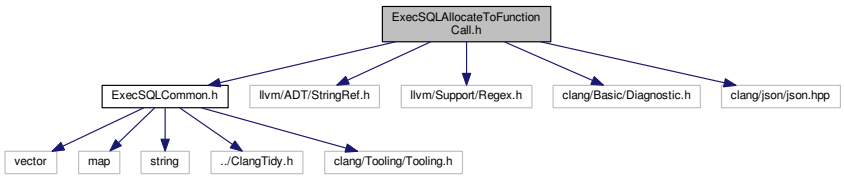
```
using emplace_ret_t = std::pair<std::set<std::string>::iterator, bool>
```

Definition at line 30 of file ExecSQLAllocateToFunctionCall.cpp.

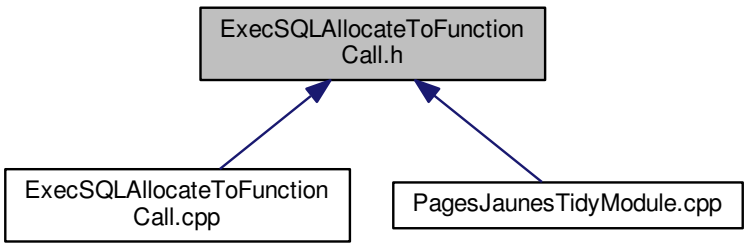
8.6 ExecSQLAllocateToFunctionCall.h File Reference

```
#include "ExecSQLCommon.h"
#include "llvm/ADT/StringRef.h"
#include "llvm/Support/Regex.h"
#include "clang/Basic/Diagnostic.h"
#include "clang/json/json.hpp"
```

Include dependency graph for ExecSQLAllocateToFunctionCall.h:



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



Classes

- class clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall
- class clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::SourceRangeForStringLiterals
- class clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::SourceRangeBefore
- struct clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::StringLiteralRecord
- struct clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::AssignmentRecord
- struct clang::tidy::pagesjaunes::ExecSQLAllocateToFunctionCall::ReqFmtRecord

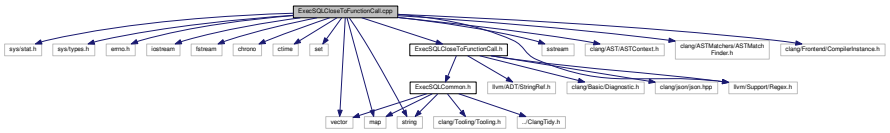
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

8.7 ExecSQLCloseToFunctionCall.cpp File Reference

```
#include <sys/stat.h>
#include <sys/types.h>
#include <errno.h>
#include <iostream>
#include <fstream>
#include <chrono>
#include <ctime>
#include <set>
#include <vector>
#include <map>
#include <sstream>
#include <string>
#include "ExecSQLCloseToFunctionCall.h"
#include "clang/AST/ASTContext.h"
#include "clang/ASTMatchers/ASTMatchFinder.h"
#include "clang/Frontend/CompilerInstance.h"
#include "llvm/Support/Regex.h"
```

Include dependency graph for ExecSQLCloseToFunctionCall.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

Typedefs

- using emplace_ret_t = std::pair< std::set< std::string >::iterator, bool >

8.7.1 Typedef Documentation

8.7.1.1 emplace_ret_t

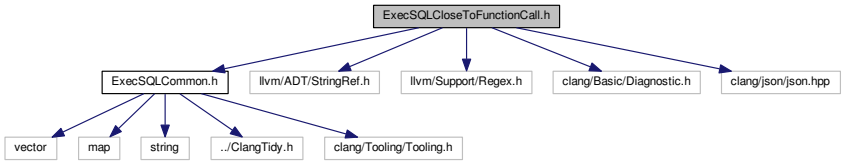
```
using emplace_ret_t = std::pair<std::set<std::string>::iterator, bool>
```

Definition at line 33 of file ExecSQLCloseToFunctionCall.cpp.

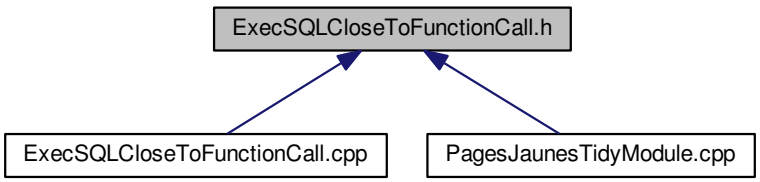
8.8 ExecSQLCloseToFunctionCall.h File Reference

```
#include "ExecSQLCommon.h"
#include "llvm/ADT/StringRef.h"
#include "llvm/Support/Regex.h"
#include "clang/Basic/Diagnostic.h"
#include "clang/json/json.hpp"
```

Include dependency graph for ExecSQLCloseToFunctionCall.h:



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



Classes

- class clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall
- class clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::SourceRangeForStringLiterals

  Collect data about macro expansion for string literals.
- class clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::SourceRangeBefore
- struct clang::tidy::pagesjaunes::ExecSQLCloseToFunctionCall::VarDeclMatchRecord

Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

8.9 ExecSQLCommon.cpp File Reference

```
#include <sys/stat.h>
#include <sys/types.h>
#include <math.h>
#include <errno.h>
#include <iostream>
#include <fstream>
#include <set>
#include <vector>
#include <map>
#include <sstream>
#include <string>
#include <iomanip>
#include "ExecSQLCommon.h"
#include "clang/AST/ASTContext.h"
#include "clang/ASTMatchers/ASTMatchFinder.h"
#include "clang/Frontend/CompilerInstance.h"
#include "clang/Frontend/FrontendAction.h"
#include "llvm/Support/Regex.h"
```

Include dependency graph for ExecSQLCommon.cpp:

Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

Typedefs

- using emplace_ret_t = std::pair< std::set< std::string >::iterator, bool >

Functions

- std::string clang::tidy::pagesjaunes::createParamsDef (const std::string &type, const std::string &elemtype, const std::string &size, const std::string &name)
- std::string clang::tidy::pagesjaunes::createParamsDeclareSection (const std::string &type, const std::string &elemtype, const std::string &size, const std::string &name, const std::string &paramname)
- std::string clang::tidy::pagesjaunes::createParamsDecl (const std::string &type, const std::string &elemtype, const std::string &size)
- std::string clang::tidy::pagesjaunes::createParamsCall (const std::string &name)
- std::string clang::tidy::pagesjaunes::createHostVarList (const std::string &name, bool isIndicator=false)
- const VarDecl * clang::tidy::pagesjaunes::findSymbolInFunction (MatchFinder::MatchCallback &vd↩ Matcher, ClangTool *tool, std::string &varName, const FunctionDecl *func, std::vector< struct clang↩ ::tidy::pagesjaunes::VarDeclMatchRecord *> &collector)

  Find a symbol, its definition and line number in the current function.

- string2_map clang::tidy::pagesjaunes::findDeclInFunction (const FunctionDecl *func, const std::string &symName)

  Find a declaration of a symbol in the context of a function by using the function DeclContext iterators until the symbol is found. This method do not update AST. It only browse known declarations in the context of a function. On successfull completion the map will contain:
- string2_map clang::tidy::pagesjaunes::findCXXRecordMemberInTranslationUnit (const TranslationUnitDecl *transUnit, const std::string &cxxRecordName, const std::string &memberName)

  This function will browse a translation unit and search for a specific named CXXRecord and a named member of it.
- map_host_vars clang::tidy::pagesjaunes::decodeHostVars (const std::string &hostVarList)
- void clang::tidy::pagesjaunes::createBackupFile (const std::string &pathname)

  Create a backup file for file pathname provided.
- std::vector< std::string > clang::tidy::pagesjaunes::bufferSplit (char *buffer, std::vector< std::string >::size_type &nlines, std::vector< std::string >::size_type reserve, bool start_at_0)
- const char * clang::tidy::pagesjaunes::readTextFile (const char *filename, std::size_t &filesize)

  read a text file and correctly append 0 at end of read string
- void clang::tidy::pagesjaunes::onStartOfTranslationUnit (map_comment_map_replacement_values &replacement_per_comment)

  called at start of processing of translation unit
- void clang::tidy::pagesjaunes::onEndOfTranslationUnit (map_comment_map_replacement_values &replacement_per_comment, const std::string &generation_report_modification_in_dir, bool generation_do_keep_commented_out_exec_sql)

  called at end of processing of translation unit

8.9.1 Typedef Documentation

8.9.1.1 emplace_ret_t

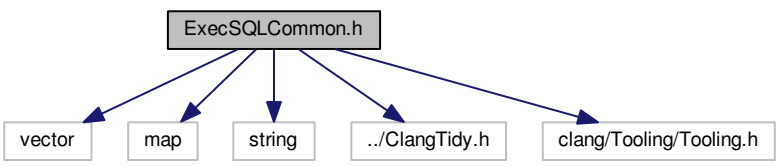
```
using emplace_ret_t = std::pair<std::set<std::string>::iterator, bool>
```

Definition at line 39 of file ExecSQLCommon.cpp.

8.10 ExecSQLCommon.h File Reference

```
#include <vector>
#include <map>
#include <string>
#include "../ClangTidy.h"
#include "clang/Tooling/Tooling.h"
```

Include dependency graph for ExecSQLCommon.h:



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

Classes

- struct clang::tidy::pagesjaunes::VarDeclMatchRecord

Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

Macros

- #define GENERATION_SOURCE_FILENAME_EXTENSION ".pc"
- #define GENERATION_HEADER_FILENAME_EXTENSION ".h"
- #define PAGESJAUNES_REGEX_EXEC_SQL_ALLOCATE_REQ_RE "EXEC[[:space:]]+SQL[[:space:]]+([Aa][Ll][Ll][Oo][Cc][Aa][Tt][Ee])[[:space:]]*(:[[:space:]]*([_A-Za-z][_A-Za-z0-9]+))[[:space:]]*;"
- #define PAGESJAUNES_REGEX_EXEC_SQL_ALLOCATE_REQ_RE_REQNAME 2
- #define PAGESJAUNES_REGEX_EXEC_SQL_FREE_REQ_RE "EXEC[[:space:]]+SQL[[:space:]]+([Ff][Rr][Ee][Ee])[[:space:]]*(:[[:space:]]*([_A-Za-z][_A-Za-z0-9]+))[[:space:]]*;"
- #define PAGESJAUNES_REGEX_EXEC_SQL_FREE_REQ_RE_CURSORNAME 2
- #define PAGESJAUNES_REGEX_EXEC_SQL_FETCH_REQ_RE "EXEC[[:space:]]+SQL[[:space:]]+([Ff][Ee][Tt][Cc][Hh])[[:space:]]*(:?[[:space:]]*[_A-Za-z][A-Za-z0-9_]+)[[:space:]]+([Ii][Nn][Tt][Oo])?[[:space:]]*(.*)[[:space:]]*;"
- #define PAGESJAUNES_REGEX_EXEC_SQL_FETCH_REQ_RE_EXECSQL 1
- #define PAGESJAUNES_REGEX_EXEC_SQL_FETCH_REQ_RE_REQNAME 2
- #define PAGESJAUNES_REGEX_EXEC_SQL_FETCH_REQ_RE_INTO 3
- #define PAGESJAUNES_REGEX_EXEC_SQL_FETCH_REQ_RE_INTONAMES 4
- #define PAGESJAUNES_REGEX_EXEC_SQL_LOB_CREATE_REQ_RE "EXEC[[:space:]]+SQL[[:space:]]+([Ll][Oo][Bb])[[:space:]]+([Cc][Rr][Ee][Aa][Tt][Ee])[[:space:]]+([Tt][Ee][Mm][Pp][Oo][Rr][Aa][Rr][Yy])[[:space:]]*(.*)[[:space:]]*;"
- #define PAGESJAUNES_REGEX_EXEC_SQL_LOB_FREE_REQ_RE "EXEC[[:space:]]+SQL[[:space:]]+([Ll][Oo][Bb])[[:space:]]+([Ff][Rr][Ee][Ee])[[:space:]]+([Tt][Ee][Mm][Pp][Oo][Rr][Aa][Rr][Yy])[[:space:]]*(.*)[[:space:]]*;"
- #define PAGESJAUNES_REGEX_EXEC_SQL_LOB_OPEN_REQ_RE "EXEC[[:space:]]+SQL[[:space:]]+([Ll][Oo][bB])[[:space:]]+([Oo][Pp][Ee][Nn])[[:space:]]+:([A-Za-z0-9]+)[[:space:]]*([Rr][Ee][Aa][Dd] [Oo][Nn][Ll][Yy])?[[:space:]]*;"
- #define PAGESJAUNES_REGEX_EXEC_SQL_LOB_READ_REQ_RE
- #define PAGESJAUNES_REGEX_EXEC_SQL_LOB_CLOSE_REQ_RE "EXEC[[:space:]]+SQL[[:space:]]+([Ll][Oo][Bb])[[:space:]]+([Cc][Ll][Oo][Ss][Ee])[[:space:]]*(.*)[[:space:]]*;"
- #define PAGESJAUNES_REGEX_EXEC_SQL_OPEN_REQ_RE "EXEC[[:space:]]+SQL[[:space:]]+([Oo][Pp][Ee][Nn])[[:space:]]*([[:space:]]*[_A-Za-z][A-Za-z0-9_]+)[[:space:]]*([Uu][Ss][Ii][Nn][Gg])?[[:space:]]*(.*)[[:space:]]*;"
- #define PAGESJAUNES_REGEX_EXEC_SQL_OPEN_REQ_RE_REQNAME 2
- #define PAGESJAUNES_REGEX_EXEC_SQL_OPEN_REQ_RE_HOSTVARS 4
- #define PAGESJAUNES_REGEX_EXEC_SQL_CLOSE_REQ_RE "EXEC[[:space:]]+SQL[[:space:]]+([Cc][Ll][Oo][Ss][Ee])[[:space:]]*([[:space:]]*[_A-Za-z][A-Za-z0-9_]+)[[:space:]]*;"
- #define PAGESJAUNES_REGEX_EXEC_SQL_DECLARE_REQ_RE
- #define PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_FMTD_REQ_RE

- #define PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_FMTD_REQ_RE_PREPARE 1
- #define PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_FMTD_REQ_RE_REQ_NAME 2
- #define PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_FMTD_REQ_RE_FROM 3
- #define PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_FMTD_REQ_RE_FROM_VARS 4
- #define PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_REQ_RE
- #define PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_REQ_RE_REQ_PREPARE 1
- #define PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_REQ_RE_REQ_NAME 2
- #define PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_REQ_RE_REQ_FROM 3
- #define PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_REQ_RE_FROM_VARS 4
- #define PAGESJAUNES_REGEX_EXEC_SQL_ALL_FILELINE "^(.*)#([0-9]+)$"
- #define PAGESJAUNES_REGEX_EXEC_SQL_REQ_RE_STARTSTR "(EXEC[[:space:]]+SQL[[:space:]]+"
- #define PAGESJAUNES_REGEX_EXEC_SQL_REQ_RE_SPACE_RPLTSTR "[[:space:]]*"
- #define PAGESJAUNES_REGEX_EXEC_SQL_REQ_RE_COMMA_RPLTSTR ",[[:space:]]*"
- #define PAGESJAUNES_REGEX_EXEC_SQL_REQ_RE_ENDSTR ")[[:space:]]*;"
- #define PAGESJAUNES_REGEX_EXEC_SQL_REQ_RE_COMMENT_GROUP 1
- #define PAGESJAUNES_REGEX_HOSTVAR_DECODE_RE "(:([[:space:]]*(([A-Za-z_][A-Za-z0-9_]*)[[:space:]]*(->|[.])?[[:space:]]*)+)(,?)[[:space:]]*)"
- #define PAGESJAUNES_REGEX_HOSTVAR_DECODE_RE_FULLMATCH 0
- #define PAGESJAUNES_REGEX_HOSTVAR_DECODE_RE_HOSTVAR 2
- #define PAGESJAUNES_REGEX_HOSTVAR_DECODE_RE_HOSTMEMBER 3
- #define PAGESJAUNES_REGEX_HOSTVAR_DECODE_RE_DEREF 5
- #define PAGESJAUNES_REGEX_HOSTVAR_DECODE_RE_VARINDIC 6
- #define PAGESJAUNES_REGEX_TRIM_IDENTIFIER_RE "[[:space:]]*([A-Za-z_][A-Za-z0-9_]*)[[:space:]]*"
- #define PAGESJAUNES_REGEX_TRIM_IDENTIFIER_RE_IDENTIFIER 1
- #define PAGESJAUNES_REGEX_EXEC_SQL_ALL_TMPL_REPEAT_RE "@repeat[[:blank:]]+on[[:blank:]]+([[:alpha:]][[:alnum:]_-]+)[[:blank:]]*{[[:blank:]]*([[:alpha:]][[:alnum:]_-]+)[[:blank:]]*,(.+)*}"
- #define PAGESJAUNES_REGEX_EXEC_SQL_ALL_TMPL_REPEAT_MEMBERS_RE "[[:blank:]]*(,[[:blank:]]*([[:alpha:]][[:alnum:]_-]+)[[:blank:]]*)+"
- #define PAGESJAUNES_REGEX_EXEC_SQL_ALL_TMPL_REPEAT_MEMBERS_RE2 ",(([^,]+)|(?R))*$"
- #define PAGESJAUNES_REGEX_EXEC_SQL_ALL_LINE_DEFINE_RE "^#line ([0-9]+) \"(.*)\"$"

Typedefs

- using string2_map = std::map< std::string, std::string >
- using ushort_string_map = std::map< unsigned short, std::map< std::string, std::string > >
- using map_vector_string = std::map< std::string, std::vector< std::string > >
- using map_replacement_values = std::map< std::string, std::string >
- using map_comment_map_replacement_values = std::map< std::string, std::map< std::string, std::string > >
- using map_host_vars = std::map< int, std::map< std::string, std::string > >

Functions

- std::string clang::tidy::pagesjaunes::createParamsDef (const std::string &type, const std::string &elemtype, const std::string &size, const std::string &name)
- std::string clang::tidy::pagesjaunes::createParamsDeclareSection (const std::string &type, const std::string &elemtype, const std::string &size, const std::string &name, const std::string &paramname)
- std::string clang::tidy::pagesjaunes::createParamsDecl (const std::string &type, const std::string &elemtype, const std::string &size)
- std::string clang::tidy::pagesjaunes::createParamsCall (const std::string &name)
- std::string clang::tidy::pagesjaunes::createHostVarList (const std::string &name, bool isIndicator=false)

- const VarDecl * clang::tidy::pagesjaunes::findSymbolInFunction (MatchFinder::MatchCallback &vd↩ Matcher, ClangTool *tool, std::string &varName, const FunctionDecl *func, std::vector< struct clang↩ ::tidy::pagesjaunes::VarDeclMatchRecord *> &collector)

  Find a symbol, its definition and line number in the current function.
- string2_map clang::tidy::pagesjaunes::findDeclInFunction (const FunctionDecl *func, const std::string &symName)

  Find a declaration of a symbol in the context of a function by using the function DeclContext iterators until the symbol is found. This method do not update AST. It only browse known declarations in the context of a function. On successfull completion the map will contain:
- string2_map clang::tidy::pagesjaunes::findCXXRecordMemberInTranslationUnit (const TranslationUnitDecl *transUnit, const std::string &cxxRecordName, const std::string &memberName)

  This function will browse a translation unit and search for a specific named CXXRecord and a named member of it.
- map_host_vars clang::tidy::pagesjaunes::decodeHostVars (const std::string &hostVarList)
- void clang::tidy::pagesjaunes::createBackupFile (const std::string &pathname)

  Create a backup file for file pathname provided.
- std::vector< std::string > clang::tidy::pagesjaunes::bufferSplit (char *buffer, std::vector< std::string >::size↩ _type &nlines, std::vector< std::string >::size_type reserve, bool start_at_0)
- const char * clang::tidy::pagesjaunes::readTextFile (const char *filename, std::size_t &filesize)

  read a text file and correctly append 0 at end of read string
- void clang::tidy::pagesjaunes::onStartOfTranslationUnit (map_comment_map_replacement_values &replacement↩ _per_comment)

  called at start of processing of translation unit
- void clang::tidy::pagesjaunes::onEndOfTranslationUnit (map_comment_map_replacement_values &replacement↩ _per_comment, const std::string &generation_report_modification_in_dir, bool generation_do_keep_↩ commented_out_exec_sql)

  called at end of processing of translation unit

8.10.1 Macro Definition Documentation

8.10.1.1 GENERATION_HEADER_FILENAME_EXTENSION

```
#define GENERATION_HEADER_FILENAME_EXTENSION ".h"
```

Definition at line 22 of file ExecSQLCommon.h.

8.10.1.2 GENERATION_SOURCE_FILENAME_EXTENSION

```
#define GENERATION_SOURCE_FILENAME_EXTENSION ".pc"
```

Definition at line 21 of file ExecSQLCommon.h.

8.10.1.3 PAGESJAUNES_REGEX_EXEC_SQL_ALL_FILELINE

```
#define PAGESJAUNES_REGEX_EXEC_SQL_ALL_FILELINE "^(.*)#([0-9]+)$"
```

Definition at line 86 of file ExecSQLCommon.h.

8.10.1.4 PAGESJAUNES_REGEX_EXEC_SQL_ALL_LINE_DEFINE_RE

```
#define PAGESJAUNES_REGEX_EXEC_SQL_ALL_LINE_DEFINE_RE "^#line ([0-9]+) \"(.*)\"$"
```

Definition at line 120 of file ExecSQLCommon.h.

8.10.1.5 PAGESJAUNES_REGEX_EXEC_SQL_ALL_TMPL_REPEAT_MEMBERS_RE

```
#define PAGESJAUNES_REGEX_EXEC_SQL_ALL_TMPL_REPEAT_MEMBERS_RE "[[:blank:]]*(,[[:blank:]]*([[↩
:alpha:]][[:alnum:]_-]+)[[:blank:]]*)+"
```

Definition at line 114 of file ExecSQLCommon.h.

8.10.1.6 PAGESJAUNES_REGEX_EXEC_SQL_ALL_TMPL_REPEAT_MEMBERS_RE2

```
#define PAGESJAUNES_REGEX_EXEC_SQL_ALL_TMPL_REPEAT_MEMBERS_RE2 ",(([^,]+)|(?R))*$"
```

Definition at line 117 of file ExecSQLCommon.h.

8.10.1.7 PAGESJAUNES_REGEX_EXEC_SQL_ALL_TMPL_REPEAT_RE

```
#define PAGESJAUNES_REGEX_EXEC_SQL_ALL_TMPL_REPEAT_RE "@repeat[[:blank:]]+on[[:blank:]]+([[↩
:alpha:]][[:alnum:]_-]+)[[:blank:]]*{[[:blank:]]*([[:alpha:]][[:alnum:]_-]+)[[:blank:]]*,(.+)*}"
```

Definition at line 111 of file ExecSQLCommon.h.

8.10.1.8 PAGESJAUNES_REGEX_EXEC_SQL_ALLOCATE_REQ_RE

```
#define PAGESJAUNES_REGEX_EXEC_SQL_ALLOCATE_REQ_RE "EXEC[[:space:]]+SQL[[:space:]]+([Aa][Ll][Ll][Oo][Cc][Aa][T
:space:]]*(:[[:space:]]*([_A-Za-z][_A-Za-z0-9]+))[[:space:]]*;"
```

Definition at line 25 of file ExecSQLCommon.h.

8.10.1.9 PAGESJAUNES_REGEX_EXEC_SQL_ALLOCATE_REQ_RE_REQNAME

```
#define PAGESJAUNES_REGEX_EXEC_SQL_ALLOCATE_REQ_RE_REQNAME 2
```

Definition at line 27 of file ExecSQLCommon.h.

8.10.1.10 PAGESJAUNES_REGEX_EXEC_SQL_CLOSE_REQ_RE

```
#define PAGESJAUNES_REGEX_EXEC_SQL_CLOSE_REQ_RE "EXEC[[:space:]]+SQL[[:space:]]+([Cc][Ll][Oo][Ss][Ee])[[↩
:space:]]*([[:space:]]*[_A-Za-z][A-Za-z0-9_]+)[[:space:]]*;"
```

Definition at line 63 of file ExecSQLCommon.h.

8.10.1.11 PAGESJAUNES_REGEX_EXEC_SQL_DECLARE_REQ_RE

```
#define PAGESJAUNES_REGEX_EXEC_SQL_DECLARE_REQ_RE
```

Value:

```
"
      EXEC[[:space:]]+SQL[[:space:]]+([Dd][Ee][Cc][Ll][Aa][Rr][Ee])[[:space:]]+([_A-Za-z][A-Za-z0-9_]+)[[:space:]]+([Cc][Uu][
  "[[:space:]]+([Ff][Oo][Rr])[[:space:]]+([[:space:]]*[_A-Za-z][A-Za-z0-9_]+)[[:space:]]*;"
```

Definition at line 66 of file ExecSQLCommon.h.

8.10.1.12 PAGESJAUNES_REGEX_EXEC_SQL_FETCH_REQ_RE

```
#define PAGESJAUNES_REGEX_EXEC_SQL_FETCH_REQ_RE "EXEC[[:space:]]+SQL[[:space:]]+([Ff][Ee][Tt][Cc][Hh])[[↩
:space:]]*(:?[[:space:]]*[_A-Za-z][A-Za-z0-9_]+)[[:space:]]+([Ii][Nn][Tt][Oo])?[[:space:]]*(.*)[[↩
:space:]]*;"
```

Definition at line 33 of file ExecSQLCommon.h.

8.10.1.13 PAGESJAUNES_REGEX_EXEC_SQL_FETCH_REQ_RE_EXECSQL

```
#define PAGESJAUNES_REGEX_EXEC_SQL_FETCH_REQ_RE_EXECSQL 1
```

Definition at line 35 of file ExecSQLCommon.h.

8.10.1.14 PAGESJAUNES_REGEX_EXEC_SQL_FETCH_REQ_RE_INTO

```
#define PAGESJAUNES_REGEX_EXEC_SQL_FETCH_REQ_RE_INTO 3
```

Definition at line 37 of file ExecSQLCommon.h.

8.10.1.15 PAGESJAUNES_REGEX_EXEC_SQL_FETCH_REQ_RE_INTONAMES

```
#define PAGESJAUNES_REGEX_EXEC_SQL_FETCH_REQ_RE_INTONAMES 4
```

Definition at line 38 of file ExecSQLCommon.h.

8.10.1.16 PAGESJAUNES_REGEX_EXEC_SQL_FETCH_REQ_RE_REQNAME

```
#define PAGESJAUNES_REGEX_EXEC_SQL_FETCH_REQ_RE_REQNAME 2
```

Definition at line 36 of file ExecSQLCommon.h.

8.10.1.17 PAGESJAUNES_REGEX_EXEC_SQL_FREE_REQ_RE

```
#define PAGESJAUNES_REGEX_EXEC_SQL_FREE_REQ_RE "EXEC[[:space:]]+SQL[[:space:]]+([Ff][Rr][Ee][Ee])[[↩
:space:]]*(:[[:space:]]*([_A-Za-z][_A-Za-z0-9]+))[[:space:]]*;"
```

Definition at line 29 of file ExecSQLCommon.h.

8.10.1.18 PAGESJAUNES_REGEX_EXEC_SQL_FREE_REQ_RE_CURSORNAME

```
#define PAGESJAUNES_REGEX_EXEC_SQL_FREE_REQ_RE_CURSORNAME 2
```

Definition at line 31 of file ExecSQLCommon.h.

8.10.1.19 PAGESJAUNES_REGEX_EXEC_SQL_LOB_CLOSE_REQ_RE

```
#define PAGESJAUNES_REGEX_EXEC_SQL_LOB_CLOSE_REQ_RE "EXEC[[:space:]]+SQL[[:space:]]+([Ll][Oo][Bb])[[↩
:space:]]+([Cc][Ll][Oo][Ss][Ee])[[:space:]]*(.*)[[:space:]]*;"
```

Definition at line 55 of file ExecSQLCommon.h.

8.10.1.20 PAGESJAUNES_REGEX_EXEC_SQL_LOB_CREATE_REQ_RE

```
#define PAGESJAUNES_REGEX_EXEC_SQL_LOB_CREATE_REQ_RE "EXEC[[:space:]]+SQL[[:space:]]+([Ll][Oo][Bb])[[↩
:space:]]+([Cc][Rr][Ee][Aa][Tt][Ee])[[:space:]]+([Tt][Ee][Mm][Pp][Oo][Rr][Aa][Rr][Yy])[[↩
:space:]]*(.*)[[:space:]]*;"
```

Definition at line 40 of file ExecSQLCommon.h.

8.10.1.21 PAGESJAUNES_REGEX_EXEC_SQL_LOB_FREE_REQ_RE

```
#define PAGESJAUNES_REGEX_EXEC_SQL_LOB_FREE_REQ_RE "EXEC[[:space:]]+SQL[[:space:]]+([Ll][Oo][Bb])[[↩
:space:]]+([Ff][Rr][Ee][Ee])[[:space:]]+([Tt][Ee][Mm][Pp][Oo][Rr][Aa][Rr][Yy])[[:space:]]*(.*)[[↩
:space:]]*;"
```

Definition at line 43 of file ExecSQLCommon.h.

8.10.1.22 PAGESJAUNES_REGEX_EXEC_SQL_LOB_OPEN_REQ_RE

```
#define PAGESJAUNES_REGEX_EXEC_SQL_LOB_OPEN_REQ_RE "EXEC[[:space:]]+SQL[[:space:]]+([Ll][Oo][bB])[[↩
:space:]]+([Oo][Pp][Ee][Nn])[[:space:]]+:([A-Za-z0-9]+)[[:space:]]*([Rr][Ee][Aa][Dd] [Oo][Nn][Ll][Yy])?[[↩
:space:]]*;"
```

Definition at line 46 of file ExecSQLCommon.h.

8.10.1.23 PAGESJAUNES_REGEX_EXEC_SQL_LOB_READ_REQ_RE

```
#define PAGESJAUNES_REGEX_EXEC_SQL_LOB_READ_REQ_RE
```

Value:

```
"EXEC[[:space:]]+SQL[[:space:]]+([Ll][Oo][Bb])[[:space:]]+([Rr][Ee][Aa][Dd])[[:space:]]+:([A-Za-z0-9]+)" \
  "[[:space:]]+([Ff][Rr][Oo][Mm])[[:space:]]+:([A-Za-z0-9]+)"           \
  "[[:space:]]+([Ii][Nn][Tt][Oo])[[:space:]]+:([A-Za-z0-9]+)"           \
  "[[:space:]]+([Ww][Ii][Tt][Hh] [Ll][Ee][Nn][Gg][Tt][Hh])[[:space:]]*(.*)[[:space:]]*;"
```

Definition at line 49 of file ExecSQLCommon.h.

8.10.1.24 PAGESJAUNES_REGEX_EXEC_SQL_OPEN_REQ_RE

```
#define PAGESJAUNES_REGEX_EXEC_SQL_OPEN_REQ_RE "EXEC[[:space:]]+SQL[[:space:]]+([Oo][Pp][Ee][Nn])[[↩
:space:]]*([[:space:]]*[_A-Za-z][A-Za-z0-9_]+)[[:space:]]*([Uu][Ss][Ii][Nn][Gg])?[[:space↩
:]]*(.*)[[:space:]]*;"
```

Definition at line 58 of file ExecSQLCommon.h.

8.10.1.25 PAGESJAUNES_REGEX_EXEC_SQL_OPEN_REQ_RE_HOSTVARS

```
#define PAGESJAUNES_REGEX_EXEC_SQL_OPEN_REQ_RE_HOSTVARS 4
```

Definition at line 61 of file ExecSQLCommon.h.

8.10.1.26 PAGESJAUNES_REGEX_EXEC_SQL_OPEN_REQ_RE_REQNAME

```
#define PAGESJAUNES_REGEX_EXEC_SQL_OPEN_REQ_RE_REQNAME 2
```

Definition at line 60 of file ExecSQLCommon.h.

8.10.1.27 PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_FMTD_REQ_RE

```
#define PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_FMTD_REQ_RE
```

Value:

```
"
      EXEC[[:space:]]+SQL[[:space:]]+([Pp][Rr][Ee][Pp][Aa][Rr][Ee])[[:space:]]+([_A-Za-z][A-Za-z0-9_]+)[[:space:]]+" \
  "([Ff][Rr][Oo][Mm])[[:space:]]*(.*)[[:space:]]*;"
```

Definition at line 70 of file ExecSQLCommon.h.

8.10.1.28 PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_FMTD_REQ_RE_FROM

```
#define PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_FMTD_REQ_RE_FROM 3
```

Definition at line 75 of file ExecSQLCommon.h.

8.10.1.29 PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_FMTD_REQ_RE_FROM_VARS

```
#define PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_FMTD_REQ_RE_FROM_VARS 4
```

Definition at line 76 of file ExecSQLCommon.h.

8.10.1.30 PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_FMTD_REQ_RE_PREPARE

```
#define PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_FMTD_REQ_RE_PREPARE 1
```

Definition at line 73 of file ExecSQLCommon.h.

8.10.1.31 PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_FMTD_REQ_RE_REQ_NAME

```
#define PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_FMTD_REQ_RE_REQ_NAME 2
```

Definition at line 74 of file ExecSQLCommon.h.

8.10.1.32 PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_REQ_RE

```
#define PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_REQ_RE
```

Value:

```
"
      EXEC[[:space:]]+SQL[[:space:]]+([Pp][Rr][Ee][Pp][Aa][Rr][Ee])[[:space:]]+([_A-Za-z][A-Za-z0-9_]+)[[:space:]]+" \
  "([Ff][Rr][Oo][Mm])[[:space:]]*(.*)[[:space:]]*;"
```

Definition at line 78 of file ExecSQLCommon.h.

8.10.1.33 PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_REQ_RE_FROM_VARS

```
#define PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_REQ_RE_FROM_VARS 4
```

Definition at line 84 of file ExecSQLCommon.h.

8.10.1.34 PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_REQ_RE_REQ_FROM

```
#define PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_REQ_RE_REQ_FROM 3
```

Definition at line 83 of file ExecSQLCommon.h.

8.10.1.35 PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_REQ_RE_REQ_NAME

```
#define PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_REQ_RE_REQ_NAME 2
```

Definition at line 82 of file ExecSQLCommon.h.

8.10.1.36 PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_REQ_RE_REQ_PREPARE

```
#define PAGESJAUNES_REGEX_EXEC_SQL_PREPARE_REQ_RE_REQ_PREPARE 1
```

Definition at line 81 of file ExecSQLCommon.h.

8.10.1.37 PAGESJAUNES_REGEX_EXEC_SQL_REQ_RE_COMMA_RPLTSTR

```
#define PAGESJAUNES_REGEX_EXEC_SQL_REQ_RE_COMMA_RPLTSTR ",[[:space:]]*"
```

Definition at line 93 of file ExecSQLCommon.h.

8.10.1.38 PAGESJAUNES_REGEX_EXEC_SQL_REQ_RE_COMMENT_GROUP

```
#define PAGESJAUNES_REGEX_EXEC_SQL_REQ_RE_COMMENT_GROUP 1
```

Definition at line 97 of file ExecSQLCommon.h.

8.10.1.39 PAGESJAUNES_REGEX_EXEC_SQL_REQ_RE_ENDSTR

```
#define PAGESJAUNES_REGEX_EXEC_SQL_REQ_RE_ENDSTR ")[[:space:]]*;"
```

Definition at line 95 of file ExecSQLCommon.h.

8.10.1.40 PAGESJAUNES_REGEX_EXEC_SQL_REQ_RE_SPACE_RPLTSTR

```
#define PAGESJAUNES_REGEX_EXEC_SQL_REQ_RE_SPACE_RPLTSTR "[[:space:]]*"
```

Definition at line 91 of file ExecSQLCommon.h.

8.10.1.41 PAGESJAUNES_REGEX_EXEC_SQL_REQ_RE_STARTSTR

```
#define PAGESJAUNES_REGEX_EXEC_SQL_REQ_RE_STARTSTR "(EXEC[[:space:]]+SQL[[:space:]]+"
```

Definition at line 89 of file ExecSQLCommon.h.

8.10.1.42 PAGESJAUNES_REGEX_HOSTVAR_DECODE_RE

```
#define PAGESJAUNES_REGEX_HOSTVAR_DECODE_RE "(:([[:space:]]*(([A-Za-z_][A-Za-z0-9_]*)[[:space↩
:]]*(->|[.])?[[:space:]]*)+)(,?)[[:space:]]*)"
```

Definition at line 99 of file ExecSQLCommon.h.

8.10.1.43 PAGESJAUNES_REGEX_HOSTVAR_DECODE_RE_DEREF

```
#define PAGESJAUNES_REGEX_HOSTVAR_DECODE_RE_DEREF 5
```

Definition at line 104 of file ExecSQLCommon.h.

8.10.1.44 PAGESJAUNES_REGEX_HOSTVAR_DECODE_RE_FULLMATCH

```
#define PAGESJAUNES_REGEX_HOSTVAR_DECODE_RE_FULLMATCH 0
```

Definition at line 101 of file ExecSQLCommon.h.

8.10.1.45 PAGESJAUNES_REGEX_HOSTVAR_DECODE_RE_HOSTMEMBER

```
#define PAGESJAUNES_REGEX_HOSTVAR_DECODE_RE_HOSTMEMBER 3
```

Definition at line 103 of file ExecSQLCommon.h.

8.10.1.46 PAGESJAUNES_REGEX_HOSTVAR_DECODE_RE_HOSTVAR

```
#define PAGESJAUNES_REGEX_HOSTVAR_DECODE_RE_HOSTVAR 2
```

Definition at line 102 of file ExecSQLCommon.h.

8.10.1.47 PAGESJAUNES_REGEX_HOSTVAR_DECODE_RE_VARINDIC

```
#define PAGESJAUNES_REGEX_HOSTVAR_DECODE_RE_VARINDIC 6
```

Definition at line 105 of file ExecSQLCommon.h.

8.10.1.48 PAGESJAUNES_REGEX_TRIM_IDENTIFIER_RE

```
#define PAGESJAUNES_REGEX_TRIM_IDENTIFIER_RE "[[:space:]]*([A-Za-z_][A-Za-z0-9_]*)[[:space:]]*"
```

Definition at line 107 of file ExecSQLCommon.h.

8.10.1.49 PAGESJAUNES_REGEX_TRIM_IDENTIFIER_RE_IDENTIFIER

```
#define PAGESJAUNES_REGEX_TRIM_IDENTIFIER_RE_IDENTIFIER 1
```

Definition at line 109 of file ExecSQLCommon.h.

8.10.2 Typedef Documentation

8.10.2.1 map_comment_map_replacement_values

```
using map_comment_map_replacement_values = std::map<std::string, std::map<std::string, std↩
::string> >
```

Definition at line 130 of file ExecSQLCommon.h.

8.10.2.2 map_host_vars

```
using map_host_vars = std::map<int, std::map<std::string, std::string> >
```

Definition at line 131 of file ExecSQLCommon.h.

8.10.2.3 map_replacement_values

```
using map_replacement_values = std::map<std::string, std::string>
```

Definition at line 129 of file ExecSQLCommon.h.

8.10.2.4 map_vector_string

```
using map_vector_string = std::map<std::string, std::vector<std::string> >
```

Definition at line 128 of file ExecSQLCommon.h.

8.10.2.5 string2_map

```
using string2_map = std::map<std::string, std::string>
```

Definition at line 126 of file ExecSQLCommon.h.

8.10.2.6 ushort_string_map

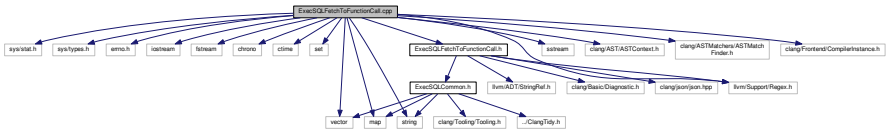
```
using ushort_string_map = std::map<unsigned short, std::map<std::string, std::string> >
```

Definition at line 127 of file ExecSQLCommon.h.

8.11 ExecSQLFetchToFunctionCall.cpp File Reference

```
#include <sys/stat.h>
#include <sys/types.h>
#include <errno.h>
#include <iostream>
#include <fstream>
#include <chrono>
#include <ctime>
#include <set>
#include <vector>
#include <map>
#include <sstream>
#include <string>
#include "ExecSQLFetchToFunctionCall.h"
#include "clang/AST/ASTContext.h"
#include "clang/ASTMatchers/ASTMatchFinder.h"
#include "clang/Frontend/CompilerInstance.h"
#include "llvm/Support/Regex.h"
```

Include dependency graph for ExecSQLFetchToFunctionCall.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

Typedefs

- using emplace_ret_t = std::pair< std::set< std::string >::iterator, bool >

8.11.1 Typedef Documentation

8.11.1.1 emplace_ret_t

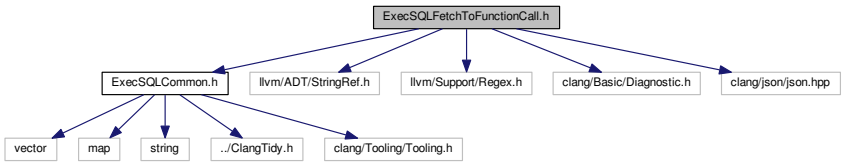
```
using emplace_ret_t = std::pair<std::set<std::string>::iterator, bool>
```

Definition at line 33 of file ExecSQLFetchToFunctionCall.cpp.

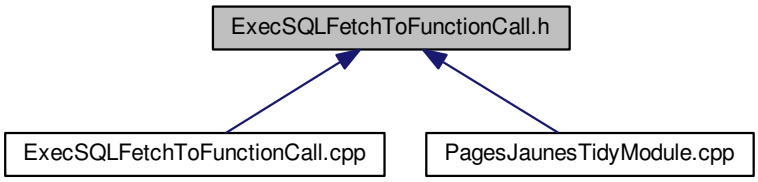
8.12 ExecSQLFetchToFunctionCall.h File Reference

```
#include "ExecSQLCommon.h"
#include "llvm/ADT/StringRef.h"
#include "llvm/Support/Regex.h"
#include "clang/Basic/Diagnostic.h"
#include "clang/json/json.hpp"
```

Include dependency graph for ExecSQLFetchToFunctionCall.h:



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



Classes

- class clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall
- class clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::SourceRangeForStringLiterals

  Collect data about macro expansion for string literals.
- class clang::tidy::pagesjaunes::ExecSQLFetchToFunctionCall::SourceRangeBefore

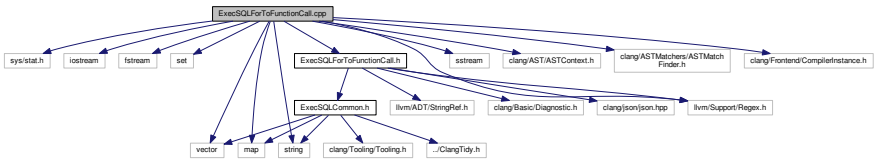
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

8.13 ExecSQLForToFunctionCall.cpp File Reference

```
#include <sys/stat.h>
#include <iostream>
#include <fstream>
#include <set>
#include <vector>
#include <map>
#include <sstream>
#include <string>
#include "ExecSQLForToFunctionCall.h"
#include "clang/AST/ASTContext.h"
#include "clang/ASTMatchers/ASTMatchFinder.h"
#include "clang/Frontend/CompilerInstance.h"
#include "llvm/Support/Regex.h"
```

Include dependency graph for ExecSQLForToFunctionCall.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

Typedefs

- using emplace_ret_t = std::pair< std::set< std::string >::iterator, bool >

8.13.1 Typedef Documentation

8.13.1.1 emplace_ret_t

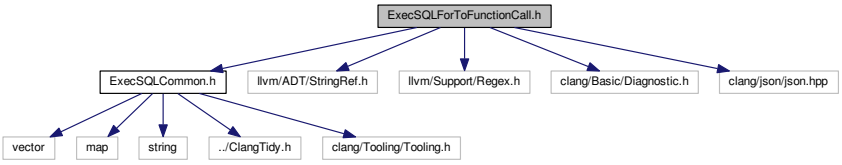
```
using emplace_ret_t = std::pair<std::set<std::string>::iterator, bool>
```

Definition at line 28 of file ExecSQLForToFunctionCall.cpp.

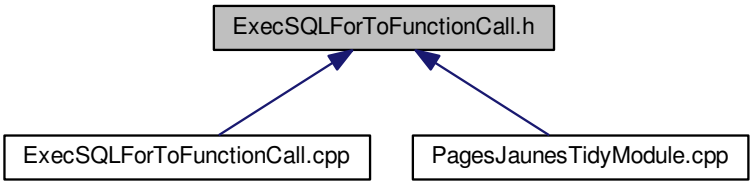
8.14 ExecSQLForToFunctionCall.h File Reference

```
#include "ExecSQLCommon.h"
#include "llvm/ADT/StringRef.h"
#include "llvm/Support/Regex.h"
#include "clang/Basic/Diagnostic.h"
#include "clang/json/json.hpp"
```

Include dependency graph for ExecSQLForToFunctionCall.h:



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



Classes

- class clang::tidy::pagesjaunes::ExecSQLForToFunctionCall
- class clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::SourceRangeForStringLiterals
- class clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::SourceRangeBefore
- struct clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::StringLiteralRecord
- struct clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::AssignmentRecord
- struct clang::tidy::pagesjaunes::ExecSQLForToFunctionCall::ReqFmtRecord

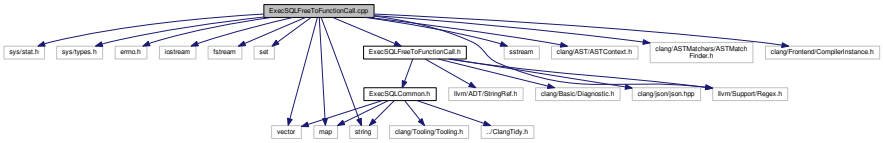
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

8.15 ExecSQLFreeToFunctionCall.cpp File Reference

```
#include <sys/stat.h>
#include <sys/types.h>
#include <errno.h>
#include <iostream>
#include <fstream>
#include <set>
#include <vector>
#include <map>
#include <sstream>
#include <string>
#include "ExecSQLFreeToFunctionCall.h"
#include "clang/AST/ASTContext.h"
#include "clang/ASTMatchers/ASTMatchFinder.h"
#include "clang/Frontend/CompilerInstance.h"
#include "llvm/Support/Regex.h"
```

Include dependency graph for ExecSQLFreeToFunctionCall.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

Typedefs

- using emplace_ret_t = std::pair< std::set< std::string >::iterator, bool >

8.15.1 Typedef Documentation

8.15.1.1 emplace_ret_t

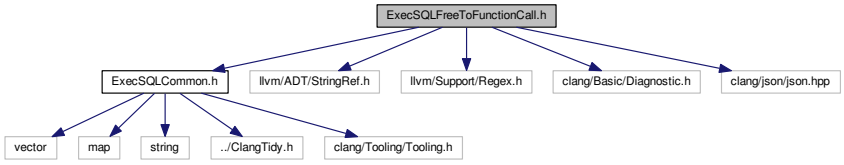
```
using emplace_ret_t = std::pair<std::set<std::string>::iterator, bool>
```

Definition at line 30 of file ExecSQLFreeToFunctionCall.cpp.

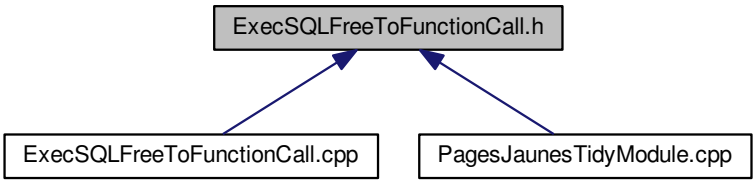
8.16 ExecSQLFreeToFunctionCall.h File Reference

```
#include "ExecSQLCommon.h"
#include "llvm/ADT/StringRef.h"
#include "llvm/Support/Regex.h"
#include "clang/Basic/Diagnostic.h"
#include "clang/json/json.hpp"
```

Include dependency graph for ExecSQLFreeToFunctionCall.h:



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



Classes

- class clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall
- class clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::SourceRangeForStringLiterals
- class clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::SourceRangeBefore
- struct clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::StringLiteralRecord
- struct clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::AssignmentRecord
- struct clang::tidy::pagesjaunes::ExecSQLFreeToFunctionCall::ReqFmtRecord

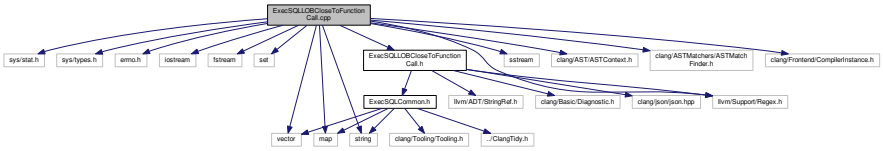
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

8.17 ExecSQLLOBCloseToFunctionCall.cpp File Reference

```
#include <sys/stat.h>
#include <sys/types.h>
#include <errno.h>
#include <iostream>
#include <fstream>
#include <set>
#include <vector>
#include <map>
#include <sstream>
#include <string>
#include "ExecSQLLOBCloseToFunctionCall.h"
#include "clang/AST/ASTContext.h"
#include "clang/ASTMatchers/ASTMatchFinder.h"
#include "clang/Frontend/CompilerInstance.h"
#include "llvm/Support/Regex.h"
```

Include dependency graph for ExecSQLLOBCloseToFunctionCall.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

Typedefs

- using emplace_ret_t = std::pair< std::set< std::string >::iterator, bool >

8.17.1 Typedef Documentation

8.17.1.1 emplace_ret_t

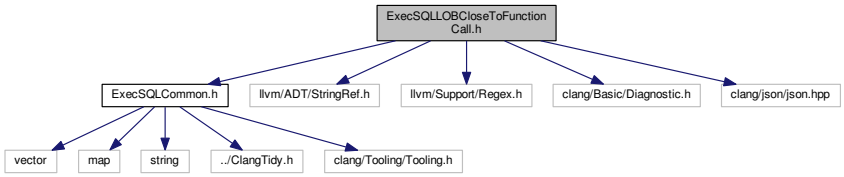
```
using emplace_ret_t = std::pair<std::set<std::string>::iterator, bool>
```

Definition at line 30 of file ExecSQLLOBCloseToFunctionCall.cpp.

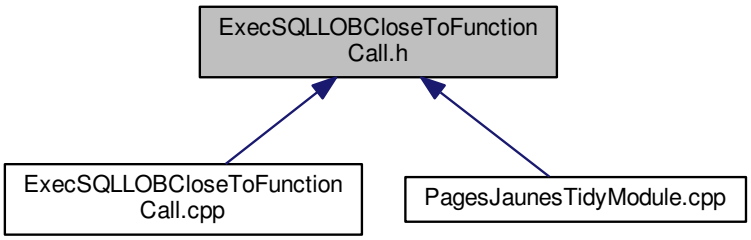
8.18 ExecSQLLOBCloseToFunctionCall.h File Reference

```
#include "ExecSQLCommon.h"
#include "llvm/ADT/StringRef.h"
#include "llvm/Support/Regex.h"
#include "clang/Basic/Diagnostic.h"
#include "clang/json/json.hpp"
```

Include dependency graph for ExecSQLLOBCloseToFunctionCall.h:



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



Classes

- class clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall
- class clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::SourceRangeForStringLiterals
- class clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::SourceRangeBefore
- struct clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::StringLiteralRecord
- struct clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::AssignmentRecord
- struct clang::tidy::pagesjaunes::ExecSQLLOBCloseToFunctionCall::ReqFmtRecord

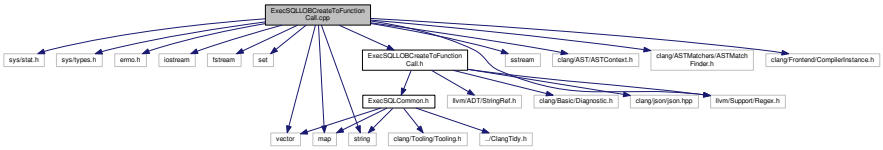
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

8.19 ExecSQLLOBCreateToFunctionCall.cpp File Reference

```
#include <sys/stat.h>
#include <sys/types.h>
#include <errno.h>
#include <iostream>
#include <fstream>
#include <set>
#include <vector>
#include <map>
#include <sstream>
#include <string>
#include "ExecSQLLOBCreateToFunctionCall.h"
#include "clang/AST/ASTContext.h"
#include "clang/ASTMatchers/ASTMatchFinder.h"
#include "clang/Frontend/CompilerInstance.h"
#include "llvm/Support/Regex.h"
```

Include dependency graph for ExecSQLLOBCreateToFunctionCall.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

Typedefs

- using emplace_ret_t = std::pair< std::set< std::string >::iterator, bool >

8.19.1 Typedef Documentation

8.19.1.1 emplace_ret_t

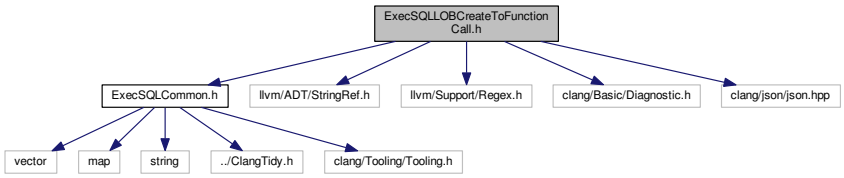
```
using emplace_ret_t = std::pair<std::set<std::string>::iterator, bool>
```

Definition at line 30 of file ExecSQLLOBCreateToFunctionCall.cpp.

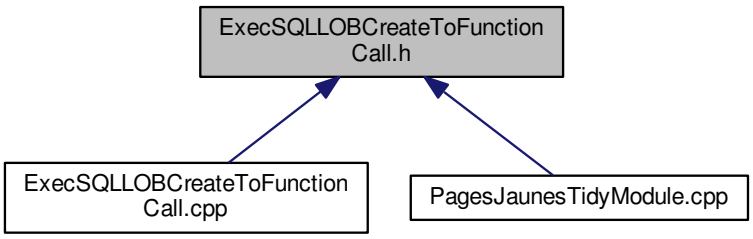
8.20 ExecSQLLOBCreateToFunctionCall.h File Reference

```
#include "ExecSQLCommon.h"
#include "llvm/ADT/StringRef.h"
#include "llvm/Support/Regex.h"
#include "clang/Basic/Diagnostic.h"
#include "clang/json/json.hpp"
```

Include dependency graph for ExecSQLLOBCreateToFunctionCall.h:



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



Classes

- class clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall
- class clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::SourceRangeForStringLiterals
- class clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::SourceRangeBefore
- struct clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::StringLiteralRecord
- struct clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::AssignmentRecord
- struct clang::tidy::pagesjaunes::ExecSQLLOBCreateToFunctionCall::ReqFmtRecord

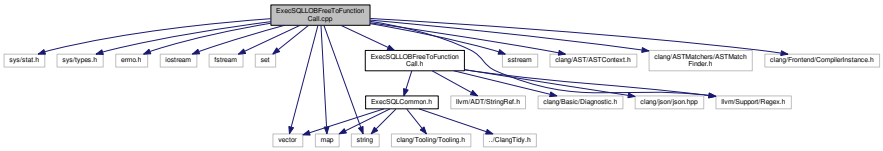
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

8.21 ExecSQLLOBFreeToFunctionCall.cpp File Reference

```
#include <sys/stat.h>
#include <sys/types.h>
#include <errno.h>
#include <iostream>
#include <fstream>
#include <set>
#include <vector>
#include <map>
#include <sstream>
#include <string>
#include "ExecSQLLOBFreeToFunctionCall.h"
#include "clang/AST/ASTContext.h"
#include "clang/ASTMatchers/ASTMatchFinder.h"
#include "clang/Frontend/CompilerInstance.h"
#include "llvm/Support/Regex.h"
```

Include dependency graph for ExecSQLLOBFreeToFunctionCall.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

Typedefs

- using emplace_ret_t = std::pair< std::set< std::string >::iterator, bool >

8.21.1 Typedef Documentation

8.21.1.1 emplace_ret_t

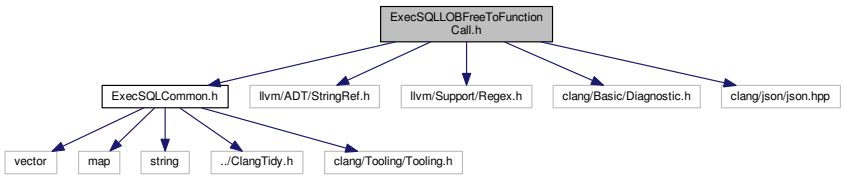
```
using emplace_ret_t = std::pair<std::set<std::string>::iterator, bool>
```

Definition at line 30 of file ExecSQLLOBFreeToFunctionCall.cpp.

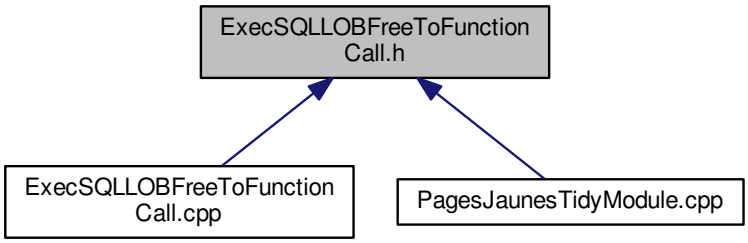
8.22 ExecSQLLOBFreeToFunctionCall.h File Reference

```
#include "ExecSQLCommon.h"
#include "llvm/ADT/StringRef.h"
#include "llvm/Support/Regex.h"
#include "clang/Basic/Diagnostic.h"
#include "clang/json/json.hpp"
```

Include dependency graph for ExecSQLLOBFreeToFunctionCall.h:



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



Classes

- class clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall
- class clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::SourceRangeForStringLiterals
- class clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::SourceRangeBefore
- struct clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::StringLiteralRecord
- struct clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::AssignmentRecord
- struct clang::tidy::pagesjaunes::ExecSQLLOBFreeToFunctionCall::ReqFmtRecord

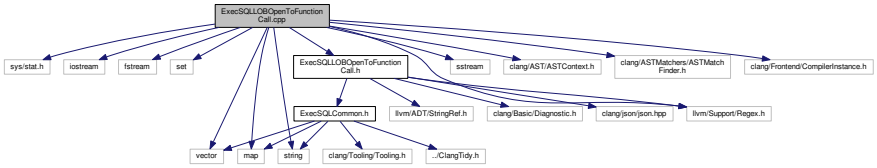
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

8.23 ExecSQLLOBOpenToFunctionCall.cpp File Reference

```
#include <sys/stat.h>
#include <iostream>
#include <fstream>
#include <set>
#include <vector>
#include <map>
#include <sstream>
#include <string>
#include "ExecSQLLOBOpenToFunctionCall.h"
#include "clang/AST/ASTContext.h"
#include "clang/ASTMatchers/ASTMatchFinder.h"
#include "clang/Frontend/CompilerInstance.h"
#include "llvm/Support/Regex.h"
```

Include dependency graph for ExecSQLLOBOpenToFunctionCall.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

Typedefs

- using emplace_ret_t = std::pair< std::set< std::string >::iterator, bool >

8.23.1 Typedef Documentation

8.23.1.1 emplace_ret_t

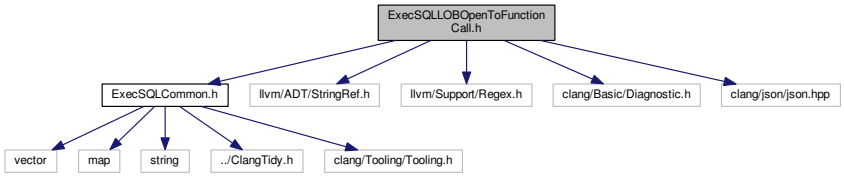
```
using emplace_ret_t = std::pair<std::set<std::string>::iterator, bool>
```

Definition at line 28 of file ExecSQLLOBOpenToFunctionCall.cpp.

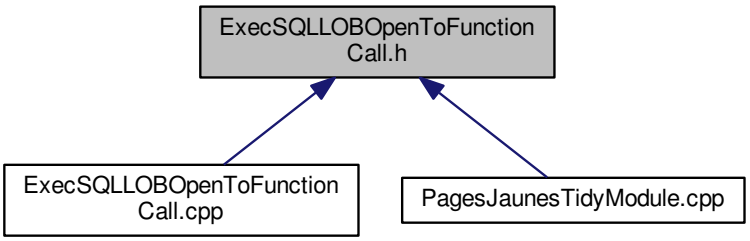
8.24 ExecSQLLOBOpenToFunctionCall.h File Reference

```
#include "ExecSQLCommon.h"
#include "llvm/ADT/StringRef.h"
#include "llvm/Support/Regex.h"
#include "clang/Basic/Diagnostic.h"
#include "clang/json/json.hpp"
```

Include dependency graph for ExecSQLLOBOpenToFunctionCall.h:



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



Classes

- class clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall
- class clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::SourceRangeForStringLiterals
- class clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::SourceRangeBefore
- struct clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::StringLiteralRecord
- struct clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::AssignmentRecord
- struct clang::tidy::pagesjaunes::ExecSQLLOBOpenToFunctionCall::ReqFmtRecord

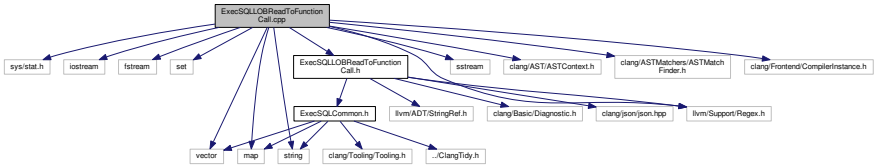
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

8.25 ExecSQLLOBReadToFunctionCall.cpp File Reference

```
#include <sys/stat.h>
#include <iostream>
#include <fstream>
#include <set>
#include <vector>
#include <map>
#include <sstream>
#include <string>
#include "ExecSQLLOBReadToFunctionCall.h"
#include "clang/AST/ASTContext.h"
#include "clang/ASTMatchers/ASTMatchFinder.h"
#include "clang/Frontend/CompilerInstance.h"
#include "llvm/Support/Regex.h"
```

Include dependency graph for ExecSQLLOBReadToFunctionCall.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

Typedefs

- using emplace_ret_t = std::pair< std::set< std::string >::iterator, bool >

8.25.1 Typedef Documentation

8.25.1.1 emplace_ret_t

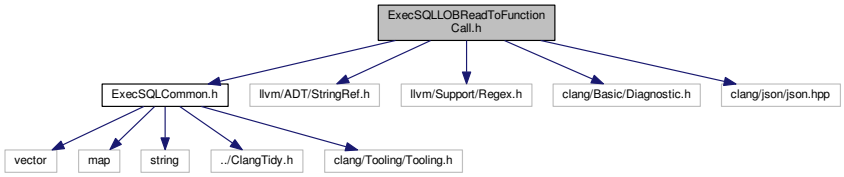
```
using emplace_ret_t = std::pair<std::set<std::string>::iterator, bool>
```

Definition at line 28 of file ExecSQLLOBReadToFunctionCall.cpp.

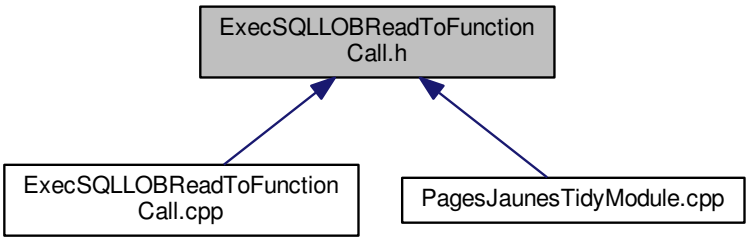
8.26 ExecSQLLOBReadToFunctionCall.h File Reference

```
#include "ExecSQLCommon.h"
#include "llvm/ADT/StringRef.h"
#include "llvm/Support/Regex.h"
#include "clang/Basic/Diagnostic.h"
#include "clang/json/json.hpp"
```

Include dependency graph for ExecSQLLOBReadToFunctionCall.h:



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



Classes

- class clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall
- class clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::SourceRangeForIntegerNStringLiterals
- class clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::SourceRangeBefore
- struct clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::ReqFmtRecord
- struct clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::VarDeclMatchRecord
- struct clang::tidy::pagesjaunes::ExecSQLLOBReadToFunctionCall::AssignmentRecord

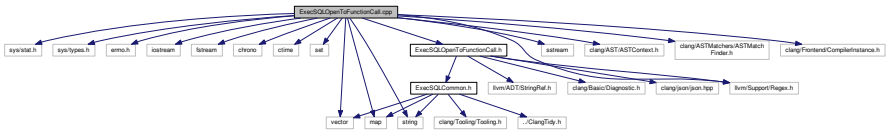
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

8.27 ExecSQLOpenToFunctionCall.cpp File Reference

```
#include <sys/stat.h>
#include <sys/types.h>
#include <errno.h>
#include <iostream>
#include <fstream>
#include <chrono>
#include <ctime>
#include <set>
#include <vector>
#include <map>
#include <sstream>
#include <string>
#include "ExecSQLOpenToFunctionCall.h"
#include "clang/AST/ASTContext.h"
#include "clang/ASTMatchers/ASTMatchFinder.h"
#include "clang/Frontend/CompilerInstance.h"
#include "llvm/Support/Regex.h"
```

Include dependency graph for ExecSQLOpenToFunctionCall.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

Typedefs

- using emplace_ret_t = std::pair< std::set< std::string >::iterator, bool >

8.27.1 Typedef Documentation

8.27.1.1 emplace_ret_t

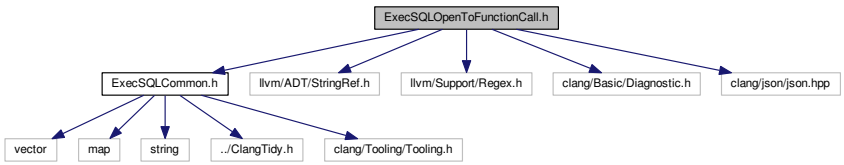
```
using emplace_ret_t = std::pair<std::set<std::string>::iterator, bool>
```

Definition at line 33 of file ExecSQLOpenToFunctionCall.cpp.

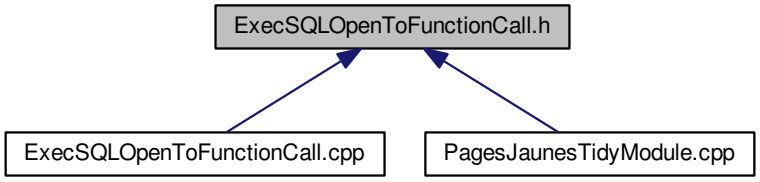
8.28 ExecSQLOpenToFunctionCall.h File Reference

```
#include "ExecSQLCommon.h"
#include "llvm/ADT/StringRef.h"
#include "llvm/Support/Regex.h"
#include "clang/Basic/Diagnostic.h"
#include "clang/json/json.hpp"
```

Include dependency graph for ExecSQLOpenToFunctionCall.h:



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



Classes

- class clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall
- class clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::SourceRangeForStringLiterals

  Collect data about macro expansion for string literals.
- class clang::tidy::pagesjaunes::ExecSQLOpenToFunctionCall::SourceRangeBefore

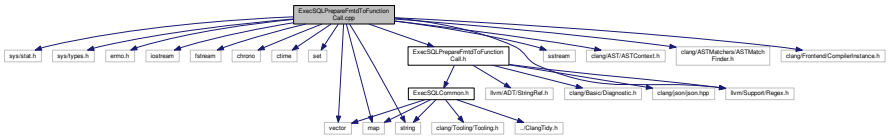
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

8.29 ExecSQLPrepareFmtdToFunctionCall.cpp File Reference

```
#include <sys/stat.h>
#include <sys/types.h>
#include <errno.h>
#include <iostream>
#include <fstream>
#include <chrono>
#include <ctime>
#include <set>
#include <vector>
#include <map>
#include <sstream>
#include <string>
#include "ExecSQLPrepareFmtdToFunctionCall.h"
#include "clang/AST/ASTContext.h"
#include "clang/ASTMatchers/ASTMatchFinder.h"
#include "clang/Frontend/CompilerInstance.h"
#include "llvm/Support/Regex.h"
```

Include dependency graph for ExecSQLPrepareFmtdToFunctionCall.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

Typedefs

- using emplace_ret_t = std::pair< std::set< std::string >::iterator, bool >

8.29.1 Typedef Documentation

8.29.1.1 emplace_ret_t

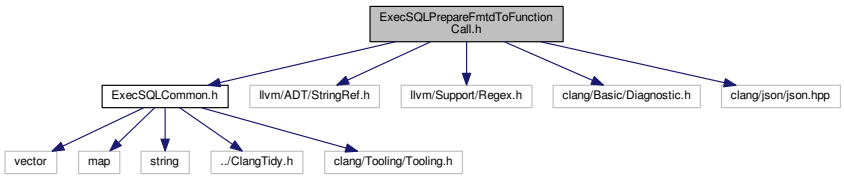
```
using emplace_ret_t = std::pair<std::set<std::string>::iterator, bool>
```

Definition at line 33 of file ExecSQLPrepareFmtdToFunctionCall.cpp.

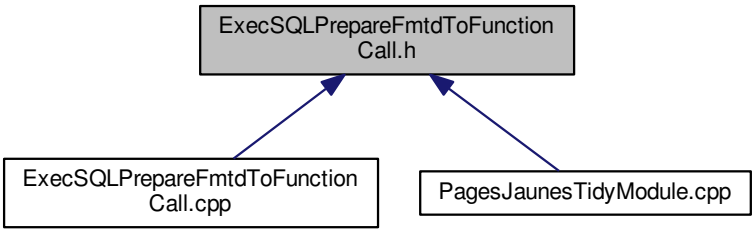
8.30 ExecSQLPrepareFmtdToFunctionCall.h File Reference

```
#include "ExecSQLCommon.h"
#include "llvm/ADT/StringRef.h"
#include "llvm/Support/Regex.h"
#include "clang/Basic/Diagnostic.h"
#include "clang/json/json.hpp"
```

Include dependency graph for ExecSQLPrepareFmtdToFunctionCall.h:



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



Classes

- class clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall
- class clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::SourceRangeForStringLiterals

  Collect data about macro expansion for string literals.
- class clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::SourceRangeBefore
- struct clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::AssignmentRecord
- struct clang::tidy::pagesjaunes::ExecSQLPrepareFmtdToFunctionCall::ReqFmtRecord

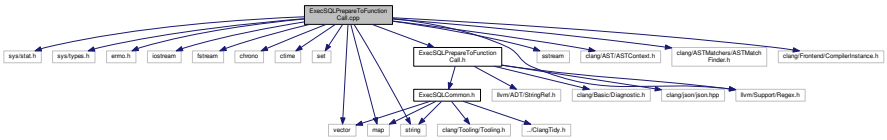
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

8.31 ExecSQLPrepareToFunctionCall.cpp File Reference

```
#include <sys/stat.h>
#include <sys/types.h>
#include <errno.h>
#include <iostream>
#include <fstream>
#include <chrono>
#include <ctime>
#include <set>
#include <vector>
#include <map>
#include <sstream>
#include <string>
#include "ExecSQLPrepareToFunctionCall.h"
#include "clang/AST/ASTContext.h"
#include "clang/ASTMatchers/ASTMatchFinder.h"
#include "clang/Frontend/CompilerInstance.h"
#include "llvm/Support/Regex.h"
```

Include dependency graph for ExecSQLPrepareToFunctionCall.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

Typedefs

- using emplace_ret_t = std::pair< std::set< std::string >::iterator, bool >

8.31.1 Typedef Documentation

8.31.1.1 emplace_ret_t

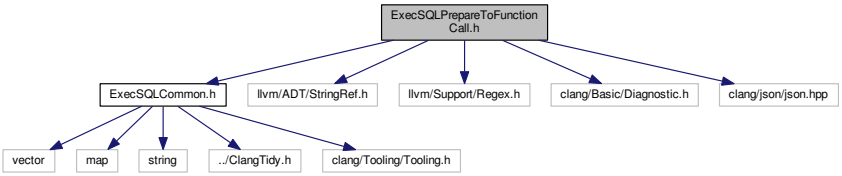
```
using emplace_ret_t = std::pair<std::set<std::string>::iterator, bool>
```

Definition at line 33 of file ExecSQLPrepareToFunctionCall.cpp.

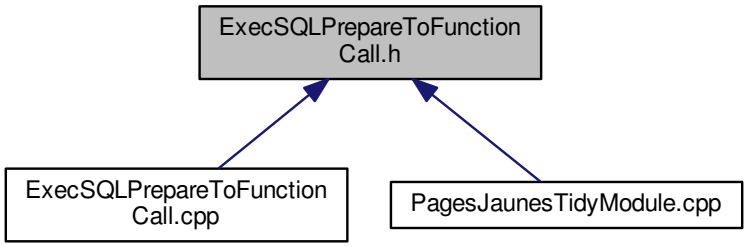
8.32 ExecSQLPrepareToFunctionCall.h File Reference

```
#include "ExecSQLCommon.h"
#include "llvm/ADT/StringRef.h"
#include "llvm/Support/Regex.h"
#include "clang/Basic/Diagnostic.h"
#include "clang/json/json.hpp"
```

Include dependency graph for ExecSQLPrepareToFunctionCall.h:



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



Classes

- class clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall
- class clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::SourceRangeForStringLiterals

  Collect data about macro expansion for string literals.
- class clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::SourceRangeBefore
- struct clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::StringLiteralRecord
- struct clang::tidy::pagesjaunes::ExecSQLPrepareToFunctionCall::AssignmentRecord

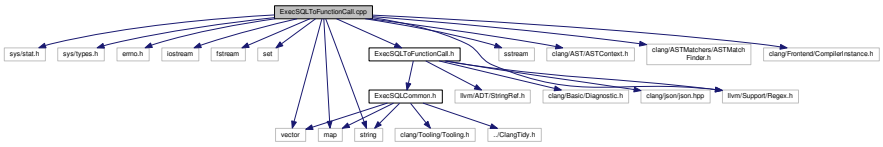
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

8.33 ExecSQLToFunctionCall.cpp File Reference

```
#include <sys/stat.h>
#include <sys/types.h>
#include <errno.h>
#include <iostream>
#include <fstream>
#include <set>
#include <vector>
#include <map>
#include <sstream>
#include <string>
#include "ExecSQLToFunctionCall.h"
#include "clang/AST/ASTContext.h"
#include "clang/ASTMatchers/ASTMatchFinder.h"
#include "clang/Frontend/CompilerInstance.h"
#include "llvm/Support/Regex.h"
```

Include dependency graph for ExecSQLToFunctionCall.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

Typedefs

- using emplace_ret_t = std::pair< std::set< std::string >::iterator, bool >

8.33.1 Typedef Documentation

8.33.1.1 emplace_ret_t

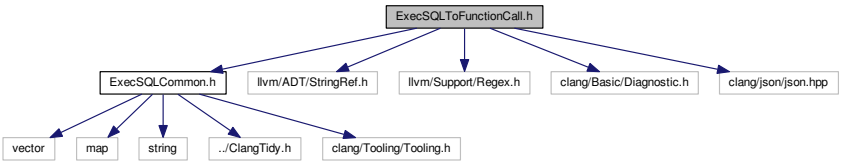
```
using emplace_ret_t = std::pair<std::set<std::string>::iterator, bool>
```

Definition at line 30 of file ExecSQLToFunctionCall.cpp.

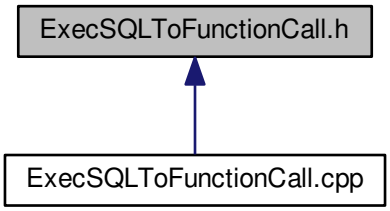
8.34 ExecSQLToFunctionCall.h File Reference

```
#include "ExecSQLCommon.h"
#include "llvm/ADT/StringRef.h"
#include "llvm/Support/Regex.h"
#include "clang/Basic/Diagnostic.h"
#include "clang/json/json.hpp"
```

Include dependency graph for ExecSQLToFunctionCall.h:



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



Classes

- class clang::tidy::pagesjaunes::ExecSQLToFunctionCall
- class clang::tidy::pagesjaunes::ExecSQLToFunctionCall::SourceRangeForStringLiterals
- class clang::tidy::pagesjaunes::ExecSQLToFunctionCall::SourceRangeBefore
- struct clang::tidy::pagesjaunes::ExecSQLToFunctionCall::StringLiteralRecord
- struct clang::tidy::pagesjaunes::ExecSQLToFunctionCall::AssignmentRecord
- struct clang::tidy::pagesjaunes::ExecSQLToFunctionCall::ReqFmtRecord

Namespaces

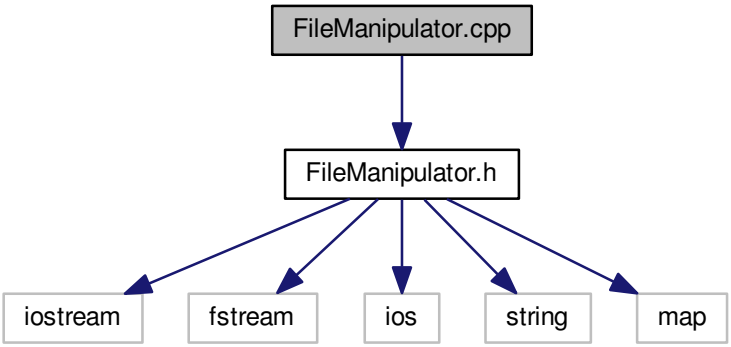
- clang
- clang::tidy
- clang::tidy::pagesjaunes

8.35 FileManipulator.cpp File Reference

Implem for FileManipulator class handling a file by line number, byte offset, char number etc.

```
#include "FileManipulator.h"
```

Include dependency graph for FileManipulator.cpp:



Namespaces

- jayacode

8.35.1 Detailed Description

Implem for FileManipulator class handling a file by line number, byte offset, char number etc.

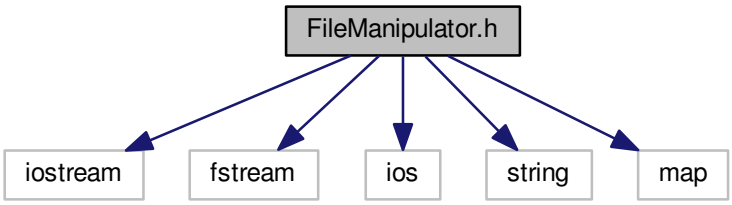
8.36 FileManipulator.h File Reference

Class used to handle a file by either line number, byte offset, or other.

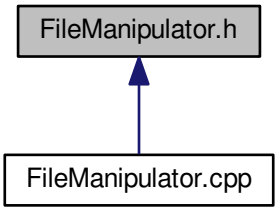
```
#include <iostream>
#include <fstream>
#include <ios>
#include <string>
```

```
#include <map>
```

Include dependency graph for FileManipulator.h:



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



Classes

- class jayacode::FileManipulator

Namespaces

- jayacode

8.36.1 Detailed Description

Class used to handle a file by either line number, byte offset, or other.

8.37 PagesJaunesTidyModule.cpp File Reference

```
#include "../ClangTidy.h"
#include "../ClangTidyModule.h"
#include "../ClangTidyModuleRegistry.h"
#include "CCharToCXXString.h"
#include "DeIncludePreProC.h"
#include "ExecSQLAllocateToFunctionCall.h"
#include "ExecSQLForToFunctionCall.h"
#include "ExecSQLFreeToFunctionCall.h"
#include "ExecSQLLOBCreateToFunctionCall.h"
#include "ExecSQLLOBOpenToFunctionCall.h"
#include "ExecSQLLOBReadToFunctionCall.h"
#include "ExecSQLLOBCloseToFunctionCall.h"
#include "ExecSQLLOBFreeToFunctionCall.h"
#include "ExecSQLFetchToFunctionCall.h"
#include "ExecSQLOpenToFunctionCall.h"
#include "ExecSQLCloseToFunctionCall.h"
#include "ExecSQLPrepareToFunctionCall.h"
#include "ExecSQLPrepareFmtdToFunctionCall.h"
```

Include dependency graph for PagesJaunesTidyModule.cpp:

Classes

- class clang::tidy::pagesjaunes::PagesJaunesModule

Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes

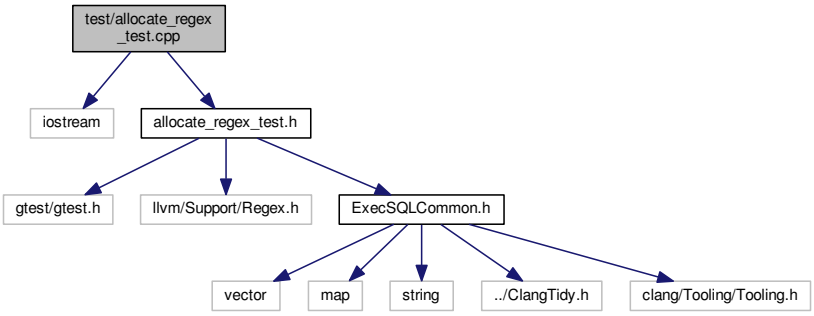
Variables

- volatile int clang::tidy::PagesJaunesModuleAnchorSource = 0

8.38 test/allocate_regex_test.cpp File Reference

```
#include <iostream>
#include "allocate_regex_test.h"
```

Include dependency graph for allocate_regex_test.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

Macros

- #define REQ0 "EXEC SQL ALLOCATE :emp_cv;"
- #define REQ1 "EXEC SQL \n ALLOCATE :emp_cv ;"
- #define REQWEIRD_0 "EXEC SQL \n ALLOCATE : emp_cv ;"
- #define REQWEIRD_1 "EXEC SQL \n ALlOCATE : _emp_cv ;"
- #define REQWEIRD_2 "EXEC SQL \n ALlOCATE : 1emp_cv ;"
- #define REQWEIRD_3 "EXEC SQL \n ALlOCATE : \n emp_cv ;"

Functions

- clang::tidy::pagesjaunes::test::TEST_F (AllocateRegexTest, RegexMatchingIndicators)
- clang::tidy::pagesjaunes::test::TEST_F (AllocateRegexTest, RegexMatchingWeirdSyntax)

8.38.1 Macro Definition Documentation

8.38.1.1 REQ0

```
#define REQ0 "EXEC SQL ALLOCATE :emp_cv;"
```

8.38.1.2 REQ1

```
#define REQ1 "EXEC SQL \n ALLOCATE :emp_cv ;"
```

8.38.1.3 REQWEIRD_0

```
#define REQWEIRD_0 "EXEC SQL \n ALLOCATE : emp_cv ;"
```

8.38.1.4 REQWEIRD_1

```
#define REQWEIRD_1 "EXEC SQL \n ALlOCATE : _emp_cv ;"
```

8.38.1.5 REQWEIRD_2

```
#define REQWEIRD_2 "EXEC SQL \n ALlOCATE : 1emp_cv ;"
```

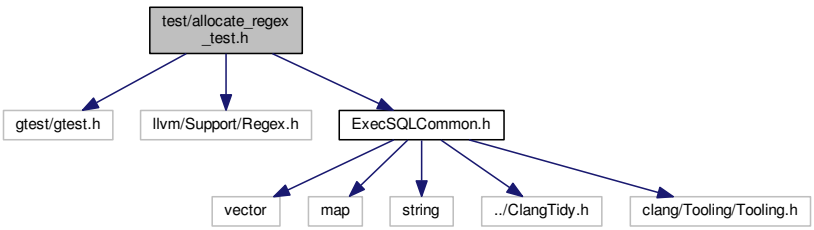
8.38.1.6 REQWEIRD_3

```
#define REQWEIRD_3 "EXEC SQL \n ALlOCATE : \n emp_cv ;"
```

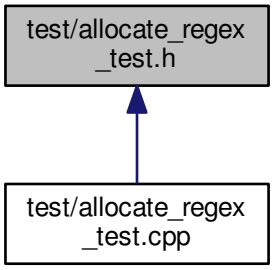
8.39 test/allocate_regex_test.h File Reference

```
#include "gtest/gtest.h"
#include "llvm/Support/Regex.h"
#include "ExecSQLCommon.h"
```

Include dependency graph for allocate_regex_test.h:



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



Classes

- class clang::tidy::pagesjaunes::test::AllocateRegexTest

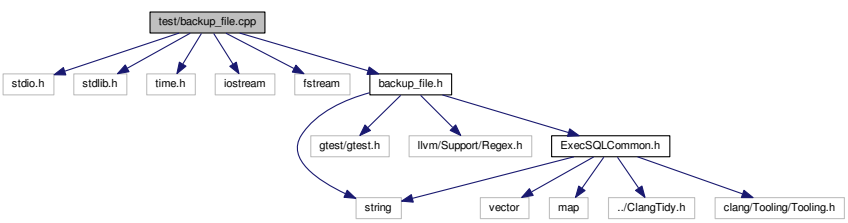
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

8.40 test/backup_file.cpp File Reference

```
#include <stdio.h>
#include <stdlib.h>
#include <time.h>
#include <iostream>
#include <fstream>
#include "backup_file.h"
```

Include dependency graph for backup_file.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

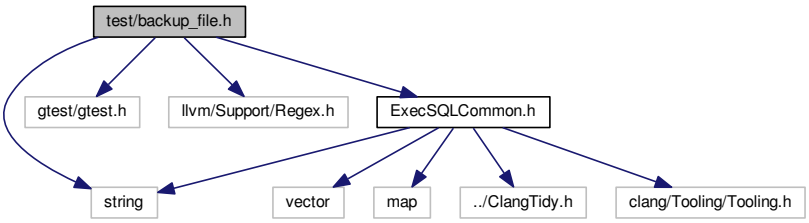
Functions

- clang::tidy::pagesjaunes::test::TEST_F (BackupFile, SimpleBackup)
- clang::tidy::pagesjaunes::test::TEST_F (BackupFile, SimpleBackup0)
- clang::tidy::pagesjaunes::test::TEST_F (BackupFile, SimpleBackup1)
- clang::tidy::pagesjaunes::test::TEST_F (BackupFile, ManyBackupLog2)
- clang::tidy::pagesjaunes::test::TEST_F (BackupFile, ManyBackupLog3)

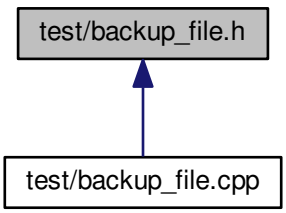
8.41 test/backup_file.h File Reference

```
#include <string>
#include "gtest/gtest.h"
#include "llvm/Support/Regex.h"
#include "ExecSQLCommon.h"
```

Include dependency graph for backup_file.h:



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



Classes

- class clang::tidy::pagesjaunes::test::BackupFile
- class clang::tidy::pagesjaunes::test::BackupFile::SHA256

Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

Macros

- #define ONEKILO (1024)
- #define ONEMEGA (1024∗ONEKILO)
- #define ONEGIGA (1024∗ONEMEGA)
- #define SHA2_SHFR(x, n) (x >> n)
- #define SHA2_ROTR(x, n) ((x >> n) | (x << ((sizeof(x) << 3) - n)))
- #define SHA2_ROTL(x, n) ((x << n) | (x >> ((sizeof(x) << 3) - n)))
- #define SHA2_CH(x, y, z) ((x & y) ^ (∼x & z))
- #define SHA2_MAJ(x, y, z) ((x & y) ^ (x & z) ^ (y & z))
- #define SHA256_F1(x) (SHA2_ROTR(x, 2) ^ SHA2_ROTR(x, 13) ^ SHA2_ROTR(x, 22))
- #define SHA256_F2(x) (SHA2_ROTR(x, 6) ^ SHA2_ROTR(x, 11) ^ SHA2_ROTR(x, 25))
- #define SHA256_F3(x) (SHA2_ROTR(x, 7) ^ SHA2_ROTR(x, 18) ^ SHA2_SHFR(x, 3))
- #define SHA256_F4(x) (SHA2_ROTR(x, 17) ^ SHA2_ROTR(x, 19) ^ SHA2_SHFR(x, 10))
- #define SHA2_UNPACK32(x, str)
- #define SHA2_PACK32(str, x)

8.41.1 Macro Definition Documentation

8.41.1.1 ONEGIGA

```
#define ONEGIGA (1024*ONEMEGA)
```

Definition at line 22 of file backup_file.h.

8.41.1.2 ONEKILO

```
#define ONEKILO (1024)
```

Definition at line 20 of file backup_file.h.

8.41.1.3 ONEMEGA

```
#define ONEMEGA (1024*ONEKILO)
```

Definition at line 21 of file backup_file.h.

8.41.1.4 SHA256_F1

```
#define SHA256_F1(
             x ) (SHA2_ROTR(x, 2) ^ SHA2_ROTR(x, 13) ^ SHA2_ROTR(x, 22))
```

Definition at line 29 of file backup_file.h.

8.41.1.5 SHA256_F2

```
#define SHA256_F2(
             x ) (SHA2_ROTR(x, 6) ^ SHA2_ROTR(x, 11) ^ SHA2_ROTR(x, 25))
```

Definition at line 30 of file backup_file.h.

8.41.1.6 SHA256_F3

```
#define SHA256_F3(
             x ) (SHA2_ROTR(x, 7) ^ SHA2_ROTR(x, 18) ^ SHA2_SHFR(x, 3))
```

Definition at line 31 of file backup_file.h.

8.41.1.7 SHA256_F4

```
#define SHA256_F4(
             x ) (SHA2_ROTR(x, 17) ^ SHA2_ROTR(x, 19) ^ SHA2_SHFR(x, 10))
```

Definition at line 32 of file backup_file.h.

8.41.1.8 SHA2_CH

```
#define SHA2_CH(
              x,
              y,
              z ) ((x & y) ^ (∼x & z))
```

Definition at line 27 of file backup_file.h.

8.41.1.9 SHA2_MAJ

```
#define SHA2_MAJ(
              x,
              y,
              z ) ((x & y) ^ (x & z) ^ (y & z))
```

Definition at line 28 of file backup_file.h.

8.41.1.10 SHA2_PACK32

```
#define SHA2_PACK32(
              str,
              x )
```

Value:

```
{                                               \
    *(x) =   ((uint32) *((str) + 3)      )    \
           | ((uint32) *((str) + 2) <<  8)    \
           | ((uint32) *((str) + 1) << 16)    \
           | ((uint32) *((str) + 0) << 24);   \
}
```

Definition at line 42 of file backup_file.h.

8.41.1.11 SHA2_ROTL

```
#define SHA2_ROTL(
              x,
              n ) ((x << n) | (x >> ((sizeof(x) << 3) - n)))
```

Definition at line 26 of file backup_file.h.

8.41.1.12 SHA2_ROTR

```
#define SHA2_ROTR(
              x,
              n ) ((x >> n) | (x << ((sizeof(x) << 3) - n)))
```

Definition at line 25 of file backup_file.h.

8.41.1.13 SHA2_SHFR

```
#define SHA2_SHFR(
              x,
              n ) (x >> n)
```

Definition at line 24 of file backup_file.h.

8.41.1.14 SHA2_UNPACK32

```
#define SHA2_UNPACK32(
              x,
              str )
```

Value:

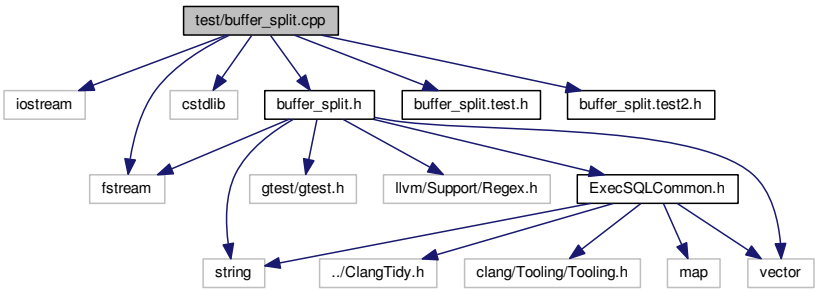
```
{                                               \
    *((str) + 3) = (uint8) ((x)      );         \
    *((str) + 2) = (uint8) ((x) >>  8);         \
    *((str) + 1) = (uint8) ((x) >> 16);         \
    *((str) + 0) = (uint8) ((x) >> 24);         \
}
```

Definition at line 34 of file backup_file.h.

8.42 test/buffer_split.cpp File Reference

```
#include <iostream>
#include <fstream>
#include <cstdlib>
#include "buffer_split.h"
#include "buffer_split.test.h"
#include "buffer_split.test2.h"
```

Include dependency graph for buffer_split.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

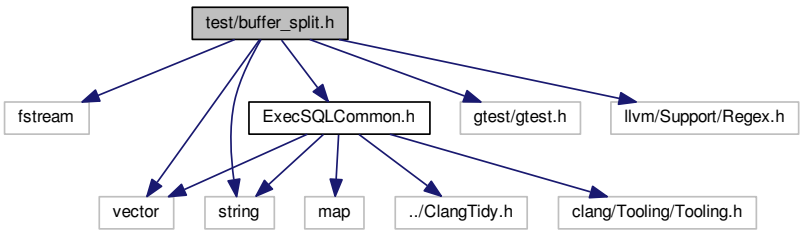
Functions

- clang::tidy::pagesjaunes::test::TEST_F (BufferSplitTest, NominalBufferSplit)
- clang::tidy::pagesjaunes::test::TEST_F (BufferSplitTest, NominalBufferSplitStartAt1)
- clang::tidy::pagesjaunes::test::TEST_F (BufferSplitTest, EmptyBuffer)
- clang::tidy::pagesjaunes::test::TEST_F (BufferSplitTest, OneEmptyLineBuffer)
- clang::tidy::pagesjaunes::test::TEST_F (BufferSplitTest, OneEmptyLineBufferStartAt1)
- clang::tidy::pagesjaunes::test::TEST_F (BufferSplitTest, OneLineWithNoCRBuffer)
- clang::tidy::pagesjaunes::test::TEST_F (BufferSplitTest, OneLineWithNoCRBufferStartAt1)
- clang::tidy::pagesjaunes::test::TEST_F (BufferSplitTest, BigBuffers)
- clang::tidy::pagesjaunes::test::TEST_F (BufferSplitTest, BigBuffersStartAt0)
- clang::tidy::pagesjaunes::test::TEST_F (BufferSplitTest, BigBuffers2)
- clang::tidy::pagesjaunes::test::TEST_F (BufferSplitTest, BigBuffers2StartAt0)
- clang::tidy::pagesjaunes::test::TEST_F (BufferSplitTest, ReadWriteSplittedBuffer)

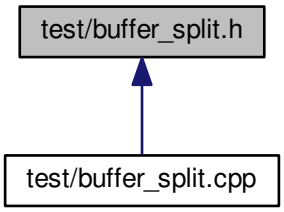
8.43 test/buffer_split.h File Reference

```
#include <fstream>
#include <vector>
#include <string>
#include "gtest/gtest.h"
#include "llvm/Support/Regex.h"
#include "ExecSQLCommon.h"
```

Include dependency graph for buffer_split.h:



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



Classes

- class clang::tidy::pagesjaunes::test::BufferSplitTest
- class clang::tidy::pagesjaunes::test::BufferSplitTest::SHA256

Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

Macros

- #define SHA2_SHFR(x, n) (x >> n)
- #define SHA2_ROTR(x, n) ((x >> n) | (x << ((sizeof(x) << 3) - n)))
- #define SHA2_ROTL(x, n) ((x << n) | (x >> ((sizeof(x) << 3) - n)))
- #define SHA2_CH(x, y, z) ((x & y) ^ (~x & z))
- #define SHA2_MAJ(x, y, z) ((x & y) ^ (x & z) ^ (y & z))
- #define SHA256_F1(x) (SHA2_ROTR(x, 2) ^ SHA2_ROTR(x, 13) ^ SHA2_ROTR(x, 22))
- #define SHA256_F2(x) (SHA2_ROTR(x, 6) ^ SHA2_ROTR(x, 11) ^ SHA2_ROTR(x, 25))
- #define SHA256_F3(x) (SHA2_ROTR(x, 7) ^ SHA2_ROTR(x, 18) ^ SHA2_SHFR(x, 3))
- #define SHA256_F4(x) (SHA2_ROTR(x, 17) ^ SHA2_ROTR(x, 19) ^ SHA2_SHFR(x, 10))
- #define SHA2_UNPACK32(x, str)
- #define SHA2_PACK32(str, x)

8.43.1 Macro Definition Documentation

8.43.1.1 SHA256_F1

```
#define SHA256_F1(
              x ) (SHA2_ROTR(x, 2) ^ SHA2_ROTR(x, 13) ^ SHA2_ROTR(x, 22))
```

Definition at line 27 of file buffer_split.h.

8.43.1.2 SHA256_F2

```
#define SHA256_F2(
              x ) (SHA2_ROTR(x, 6) ^ SHA2_ROTR(x, 11) ^ SHA2_ROTR(x, 25))
```

Definition at line 28 of file buffer_split.h.

8.43.1.3 SHA256_F3

```
#define SHA256_F3(
              x ) (SHA2_ROTR(x, 7) ^ SHA2_ROTR(x, 18) ^ SHA2_SHFR(x, 3))
```

Definition at line 29 of file buffer_split.h.

8.43.1.4 SHA256_F4

```
#define SHA256_F4(
              x ) (SHA2_ROTR(x, 17) ^ SHA2_ROTR(x, 19) ^ SHA2_SHFR(x, 10))
```

Definition at line 30 of file buffer_split.h.

8.43.1.5 SHA2_CH

```
#define SHA2_CH(
              x,
              y,
              z ) ((x & y) ^ (~x & z))
```

Definition at line 25 of file buffer_split.h.

8.43.1.6 SHA2_MAJ

```
#define SHA2_MAJ(
              x,
              y,
              z ) ((x & y) ^ (x & z) ^ (y & z))
```

Definition at line 26 of file buffer_split.h.

8.43.1.7 SHA2_PACK32

```
#define SHA2_PACK32(
              str,
              x )
```

Value:

```
{                                               \
    *(x) =   ((uint32) *((str) + 3)      )    \
           | ((uint32) *((str) + 2) <<  8)    \
           | ((uint32) *((str) + 1) << 16)    \
           | ((uint32) *((str) + 0) << 24);   \
}
```

Definition at line 40 of file buffer_split.h.

8.43.1.8 SHA2_ROTL

```
#define SHA2_ROTL(
              x,
              n ) ((x << n) | (x >> ((sizeof(x) << 3) - n)))
```

Definition at line 24 of file buffer_split.h.

8.43.1.9 SHA2_ROTR

```
#define SHA2_ROTR(
              x,
              n ) ((x >> n) | (x << ((sizeof(x) << 3) - n)))
```

Definition at line 23 of file buffer_split.h.

8.43.1.10 SHA2_SHFR

```
#define SHA2_SHFR(
              x,
              n ) (x >> n)
```

Definition at line 22 of file buffer_split.h.

8.43.1.11 SHA2_UNPACK32

```
#define SHA2_UNPACK32(
              x,
              str )
```

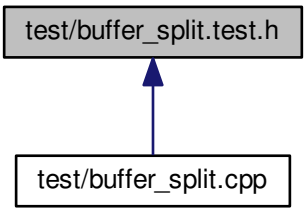
Value:

```
{                                               \
    *((str) + 3) = (uint8) ((x)      );         \
    *((str) + 2) = (uint8) ((x) >>  8);         \
    *((str) + 1) = (uint8) ((x) >> 16);         \
    *((str) + 0) = (uint8) ((x) >> 24);         \
}
```

Definition at line 32 of file buffer_split.h.

8.44 test/buffer_split.test.h File Reference

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



Variables

- const char * bigbuf

8.44.1 Variable Documentation

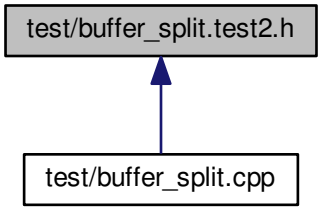
8.44.1.1 bigbuf

```
const char* bigbuf
```

Definition at line 1 of file buffer_split.test.h.

8.45 test/buffer_split.test2.h File Reference

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



Variables

- const char * bigbuf2

8.45.1 Variable Documentation

8.45.1.1 bigbuf2

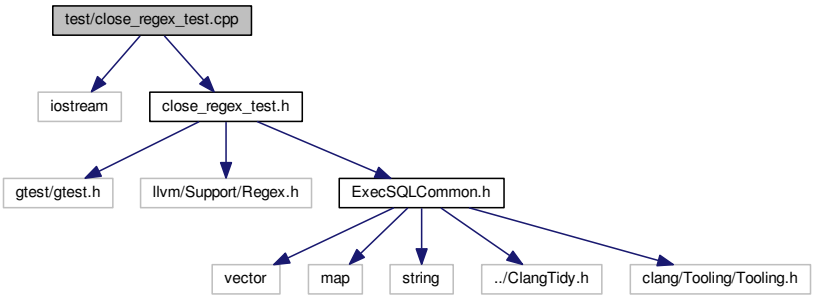
```
const char* bigbuf2
```

Definition at line 1 of file buffer_split.test2.h.

8.46 test/close_regex_test.cpp File Reference

```
#include <iostream>
#include "close_regex_test.h"
```

Include dependency graph for close_regex_test.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

Macros

- #define REQ "EXEC SQL CLOSE crsCountInsEPJ0; "
- #define REQ
- #define REQWEIRD
- #define REQWEIRD
- #define REQWEIRD
- #define REQWEIRD

Functions

- clang::tidy::pagesjaunes::test::TEST_F (CloseRegexTest, RegexMatchingIndicators)
- clang::tidy::pagesjaunes::test::TEST_F (CloseRegexTest, RegexMatchingWeirdSyntax)

8.46.1 Macro Definition Documentation

8.46.1.1 REQ [1/2]

```
#define REQ "EXEC SQL CLOSE crsCountInsEPJ0; "
```

8.46.1.2 REQ [2/2]

```
#define REQ
```

Value:

```
"EXEC SQL\n"                                            \
           "  CLOSE crsCountInsEPJ1; "
```

8.46.1.3 REQWEIRD [1/4]

```
#define REQWEIRD
```

Value:

```
"     EXEC SQL \n"                                      \
           "  CLOSE crsCountIns_EPJ0\n"                          \
           "  ; "
```

8.46.1.4 REQWEIRD [2/4]

```
#define REQWEIRD
```

Value:

```
"     EXEC SQL \n"                                      \
           "  CLOSE 1crsCountInsEPJ0\n"                          \
           "  ; "
```

8.46.1.5 REQWEIRD [3/4]

```
#define REQWEIRD
```

Value:

```
"     EXEC SQL \n"                                      \
           "  CLOSE __crsCount_Ins_EPJ_0__\n"                    \
           "  ; "
```

8.46.1.6 REQWEIRD [4/4]

```
#define REQWEIRD
```

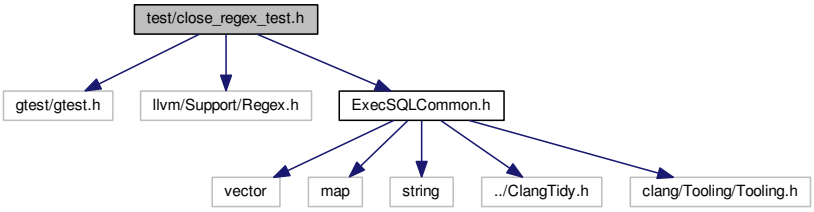
Value:

```
"     EXEC      \n"                                    \
            "      SQL   \n"                                        \
            "  cLOsE __crsCount_Ins_EPJ_0__\n"                       \
            "  ; "
```

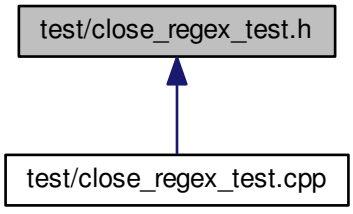
8.47 test/close_regex_test.h File Reference

```
#include "gtest/gtest.h"
#include "llvm/Support/Regex.h"
#include "ExecSQLCommon.h"
```

Include dependency graph for close_regex_test.h:



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



Classes

- class clang::tidy::pagesjaunes::test::CloseRegexTest

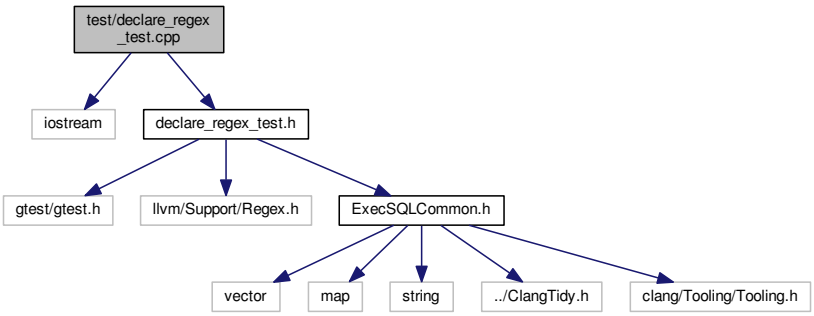
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

8.48 test/declare_regex_test.cpp File Reference

```
#include <iostream>
#include "declare_regex_test.h"
```

Include dependency graph for declare_regex_test.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

Macros

- #define REQ "EXEC SQL DECLARE crsCountInsEPJ0 cursor for reqCountInsEPJ0; "
- #define REQ
- #define REQ
- #define REQ
- #define REQWEIRD
- #define REQWEIRD
- #define REQWEIRD
- #define REQWEIRD
- #define REQWEIRD
- #define REQWEIRD

Functions

- clang::tidy::pagesjaunes::test::TEST_F (DeclareRegexTest, RegexMatching)
- clang::tidy::pagesjaunes::test::TEST_F (DeclareRegexTest, RegexMatchingWeirdSyntax)

8.48.1 Macro Definition Documentation

8.48.1.1 REQ [1/4]

```
#define REQ "EXEC SQL DECLARE crsCountInsEPJ0 cursor for reqCountInsEPJ0; "
```

8.48.1.2 REQ [2/4]

```
#define REQ
```

Value:

```
"EXEC SQL\n"                                                \
           "  DECLARE crsCountInsEPJ1 cursor \n"                    \
           "  for  reqCountInsEPJ1;"
```

8.48.1.3 REQ [3/4]

```
#define REQ
```

Value:

```
"EXEC SQL\n"                                                \
           "  DECLARE \n"                                           \
           "           crsCountInsEPJ1    \n"                     \
           "    cursor     \n"                                \
           "  for \n"                                               \
           "    reqCountInsEPJ1;"
```

8.48.1.4 REQ [4/4]

```
#define REQ
```

Value:

```
"EXEC SQL\n"                                                \
           "  DECLARE \n"                                           \
           "           crsCountInsEPJ1    \n"                     \
           "    cursor     \n"                                \
           "  for \n"                                               \
           "    reqCountInsEPJ1;"
```

8.48.1.5 REQWEIRD [1/6]

```
#define REQWEIRD
```

Value:

```
"     EXEC SQL \n"                                          \
            "  DEcLARE _crsCountIns_EPJ0 cURsOr\n"                    \
            "   FoR _req_Count1_InsEPJ0\n"                            \
            "  ; "
```

8.48.1.6 REQWEIRD [2/6]

```
#define REQWEIRD
```

Value:

```
"     EXEC SQL \n"                                          \
            "  DECLARE 1crsCountInsEPJ0 cursor\n"                     \
            "  for reqCountInsEPJ0; "
```

8.48.1.7 REQWEIRD [3/6]

```
#define REQWEIRD
```

Value:

```
"     EXEC SQL \n"                                          \
            "  DECLARE crsCountInsEPJ0 cursor\n"                      \
            "  for lreqCountInsEPJ0; "
```

8.48.1.8 REQWEIRD [4/6]

```
#define REQWEIRD
```

Value:

```
"     EXEC SQL \n"                                          \
            "  DECLARE -crsCountInsEPJ0 cursor\n"                     \
            "  for reqCountInsEPJ0; "
```

8.48.1.9 REQWEIRD [5/6]

```
#define REQWEIRD
```

Value:

```
"     EXEC SQL \n"                                          \
            "  DECLARE crsCountInsEPJ0 cursor\n"                      \
            "  for req-CountInsEPJ0; "
```

8.48.1.10 REQWEIRD [6/6]

```
#define REQWEIRD
```

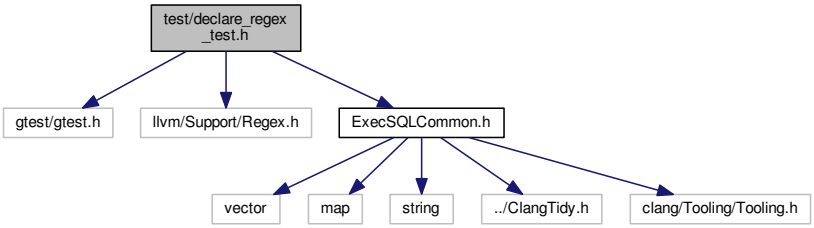
Value:

```
"     EXEC SQL \n"                                          \
            "  DECLARE __crsCount_Ins_EPJ_0__\n"                      \
            "  cUrsor  fOr __req_CountInsEPJ_0__; "
```

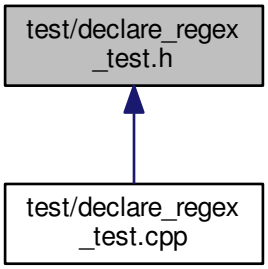
8.49 test/declare_regex_test.h File Reference

```
#include "gtest/gtest.h"
#include "llvm/Support/Regex.h"
#include "ExecSQLCommon.h"
```

Include dependency graph for declare_regex_test.h:



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



Classes

- class clang::tidy::pagesjaunes::test::DeclareRegexTest

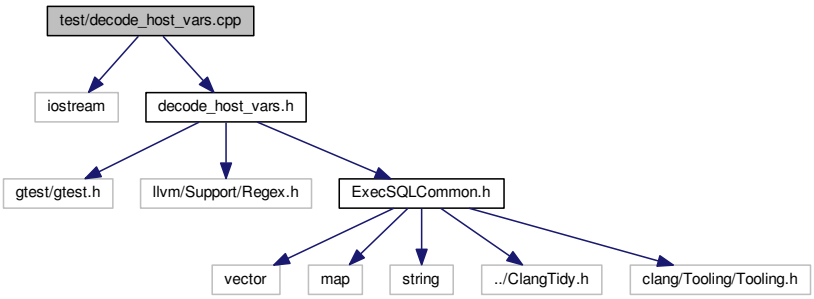
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

8.50 test/decode_host_vars.cpp File Reference

```
#include <iostream>
#include "decode_host_vars.h"
```

Include dependency graph for decode_host_vars.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

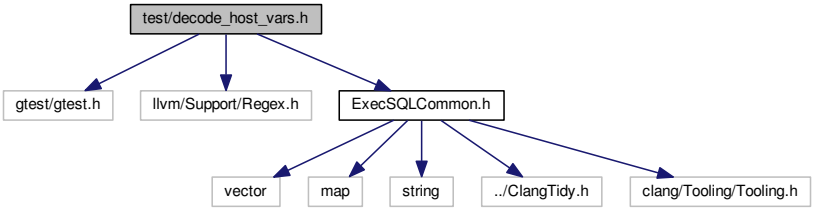
Functions

- clang::tidy::pagesjaunes::test::TEST_F (DecodeHostVarsTest, DecodeHostVarsBasic)
- clang::tidy::pagesjaunes::test::TEST_F (DecodeHostVarsTest, DecodeHostVarsBasic2)
- clang::tidy::pagesjaunes::test::TEST_F (DecodeHostVarsTest, DecodeHostVarsLimit1)
- clang::tidy::pagesjaunes::test::TEST_F (DecodeHostVarsTest, DecodeHostVarsLimit0)
- clang::tidy::pagesjaunes::test::TEST_F (DecodeHostVarsTest, DecodeHostVarsPointers)
- clang::tidy::pagesjaunes::test::TEST_F (DecodeHostVarsTest, DecodeHostVarsStruct)
- clang::tidy::pagesjaunes::test::TEST_F (DecodeHostVarsTest, DecodeHostVarsBasicWithIndicators)
- clang::tidy::pagesjaunes::test::TEST_F (DecodeHostVarsTest, DecodeHostVarsPointerWithIndicators)
- clang::tidy::pagesjaunes::test::TEST_F (DecodeHostVarsTest, DecodeHostVarsStructWithIndicators)
- clang::tidy::pagesjaunes::test::TEST_F (DecodeHostVarsTest, DecodeHostVarsMixedWithIndicators)
- clang::tidy::pagesjaunes::test::TEST_F (DecodeHostVarsTest, DecodeHostVarsInvalid)
- clang::tidy::pagesjaunes::test::TEST_F (DecodeHostVarsTest, DecodeHostVarsWeird)

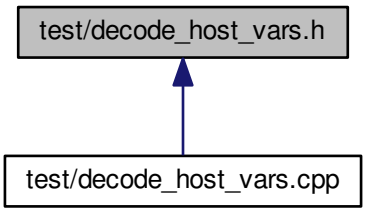
8.51 test/decode_host_vars.h File Reference

```
#include "gtest/gtest.h"
#include "llvm/Support/Regex.h"
#include "ExecSQLCommon.h"
```

Include dependency graph for decode_host_vars.h:



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



Classes

- class clang::tidy::pagesjaunes::test::DecodeHostVarsTest

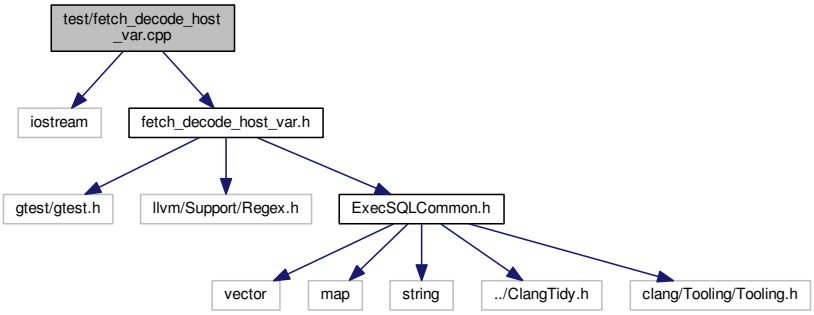
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

8.52 test/fetch_decode_host_var.cpp File Reference

```
#include <iostream>
#include "fetch_decode_host_var.h"
```

Include dependency graph for fetch_decode_host_var.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

Macros

- #define REQ0

Functions

- clang::tidy::pagesjaunes::test::TEST_F (FetchDecodeHostVar, RegexMatchingIndicators)

8.52.1 Macro Definition Documentation

8.52.1.1 REQ0

```
#define REQ0
```

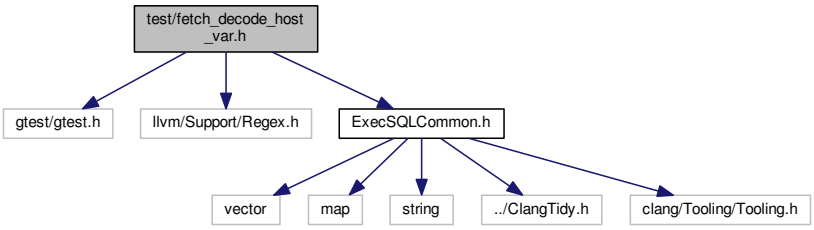
Value:

```
"    EXEC SQL\n"                                          \
            "    fetch crsStandard\n"                                 \
            "    into :prOraInscr->acDenom\n"                         \
            "    :prIndInscr->sDenomI,\n"                             \
            "    :prOraInscr->acCompln:prIndInscr->sComplnI,\n"       \
            "    :prOraInscr->acDesign:prIndInscr->sDesignI,\n"       \
            "    :prOraInscr->acPrenom:prIndInscr->sPrenomI,\n"       \
            "    :prOraInscr->acLaQualite:prIndInscr->sLaQualiteI;\n"
```

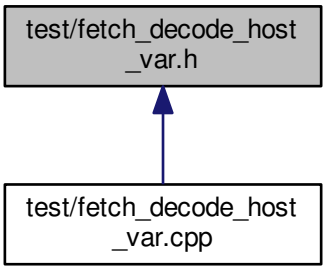
8.53 test/fetch_decode_host_var.h File Reference

```
#include "gtest/gtest.h"
#include "llvm/Support/Regex.h"
#include "ExecSQLCommon.h"
```

Include dependency graph for fetch_decode_host_var.h:



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



Classes

- class clang::tidy::pagesjaunes::test::FetchDecodeHostVar

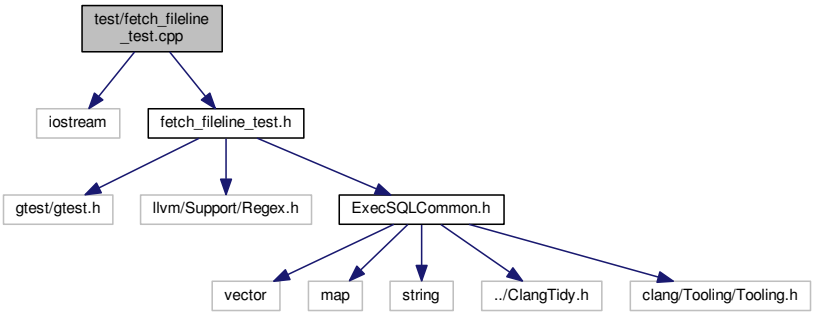
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

8.54 test/fetch_fileline_test.cpp File Reference

```
#include <iostream>
#include "fetch_fileline_test.h"
```

Include dependency graph for fetch_fileline_test.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

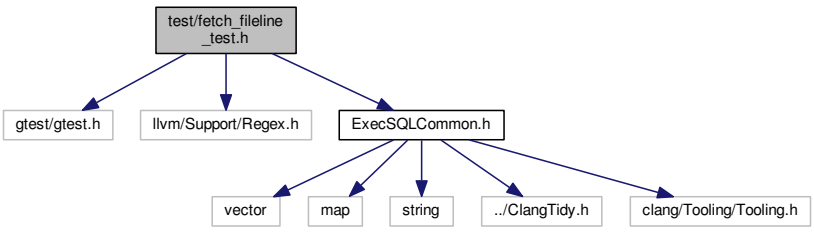
Functions

- clang::tidy::pagesjaunes::test::TEST_F (FetchFilelineTest, FilelineMatching)

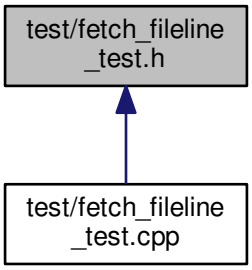
8.55 test/fetch_fileline_test.h File Reference

```
#include "gtest/gtest.h"
#include "llvm/Support/Regex.h"
#include "ExecSQLCommon.h"
```

Include dependency graph for fetch_fileline_test.h:



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



Classes

- class clang::tidy::pagesjaunes::test::FetchFilelineTest

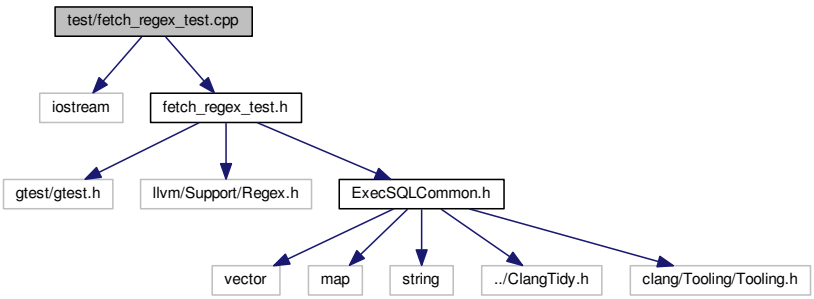
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

8.56 test/fetch_regex_test.cpp File Reference

```
#include <iostream>
#include "fetch_regex_test.h"
```

Include dependency graph for fetch_regex_test.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

Macros

- #define REQ0
- #define REQ1
- #define REQ2
- #define REQWEIRD_0
- #define REQWEIRD_1
- #define REQWEIRD_2
- #define REQWEIRD_3

Functions

- clang::tidy::pagesjaunes::test::TEST_F (FetchRegexTest, RegexMatchingIndicators)
- clang::tidy::pagesjaunes::test::TEST_F (FetchRegexTest, RegexMatchingWeirdSyntax)

8.56.1 Macro Definition Documentation

8.56.1.1 REQ0

```
#define REQ0
```

Value:

```
"EXEC SQL \n"                                                  \
            "  FETCH crsCountInsEPJ0\n"                                  \
            "  INTO :iNbIns:iNbInsI; "
```

8.56.1.2 REQ1

```
#define REQ1
```

Value:

```
"EXEC SQL\n"                                                  \
            "  FETCH crsCountInsEPJ1\n"                                  \
            "  INTO :champStruct.champInt4:champStruct.champInt4I; "
```

8.56.1.3 REQ2

```
#define REQ2
```

Value:

```
"EXEC SQL\n"                                                \
            "  FETCH crsCountInsEPJ2\n"                                 \
            "  INTO :pChampStruct->champInt4:pChampStruct->champInt4I; "
```

8.56.1.4 REQWEIRD_0

```
#define REQWEIRD_0
```

Value:

```
"EXEC SQL \n"                                               \
            "  FETCH: crsCountInsEPJ0\n"                                \
            "  INTO: iNbIns:iNbInsI; "
```

8.56.1.5 REQWEIRD_1

```
#define REQWEIRD_1
```

Value:

```
"EXEC SQL\n"                                                \
            "  FETCH: crsCountInsEPJ1\n"                                \
            "  INTO: champStruct.champInt4: champStruct.champInt4I; "
```

8.56.1.6 REQWEIRD_2

```
#define REQWEIRD_2
```

Value:

```
"EXEC SQL\n"                                                \
            "  FETCH: crsCountInsEPJ2\n"                                \
            "  INTO: pChampStruct->champInt4 :pChampStruct->champInt4I; "
```

8.56.1.7 REQWEIRD_3

```
#define REQWEIRD_3
```

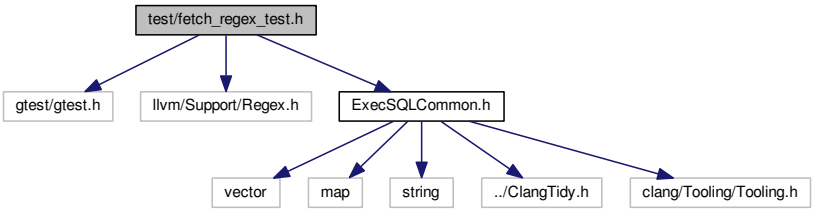
Value:

```
"EXEC SQL\n"                                                \
            "  FeTCH: __crs_Count_Ins_EPJ2_\n"                                  \
            "  INtO: _pChamp_1Struct->_champ_Int4 :_p_Champ4Struct->_champ_Int4I; "
```

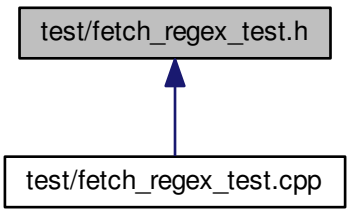
8.57 test/fetch_regex_test.h File Reference

```
#include "gtest/gtest.h"
#include "llvm/Support/Regex.h"
#include "ExecSQLCommon.h"
```

Include dependency graph for fetch_regex_test.h:



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



Classes

- class clang::tidy::pagesjaunes::test::FetchRegexTest

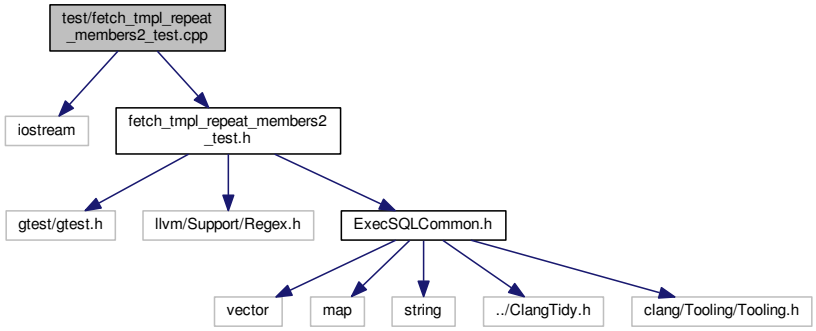
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

8.58 test/fetch_tmpl_repeat_members2_test.cpp File Reference

```
#include <iostream>
#include "fetch_tmpl_repeat_members2_test.h"
```

Include dependency graph for fetch_tmpl_repeat_members2_test.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

Functions

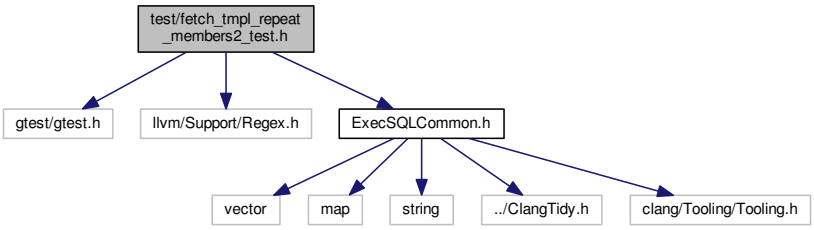
- clang::tidy::pagesjaunes::test::TEST_F (FetchTmplRepeatMembers2Test, TemplRepeatMembers2Regex↩ Matching)

8.59 test/fetch_tmpl_repeat_members2_test.h File Reference

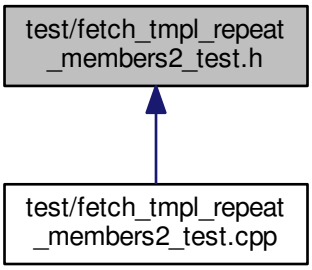
```
#include "gtest/gtest.h"
#include "llvm/Support/Regex.h"
```

```
#include "ExecSQLCommon.h"
```

Include dependency graph for fetch_tmpl_repeat_members2_test.h:



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



Classes

- class clang::tidy::pagesjaunes::test::FetchTmplRepeatMembers2Test

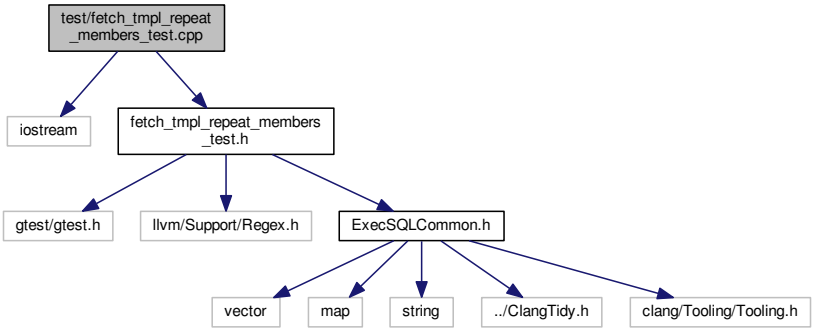
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

8.60 test/fetch_tmpl_repeat_members_test.cpp File Reference

```
#include <iostream>
#include "fetch_tmpl_repeat_members_test.h"
```

Include dependency graph for fetch_tmpl_repeat_members_test.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

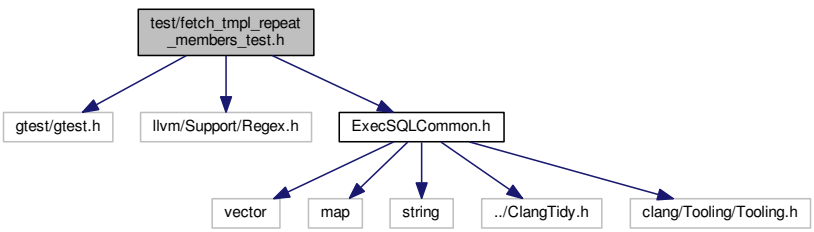
Functions

- clang::tidy::pagesjaunes::test::TEST_F (FetchTmplRepeatMembersTest, TemplRepeatMembersRegex↩ Matching)
- clang::tidy::pagesjaunes::test::TEST_F (FetchTmplRepeatMembersTest, TemplRepeatMembersRegex↩ MoreBlankMatching)

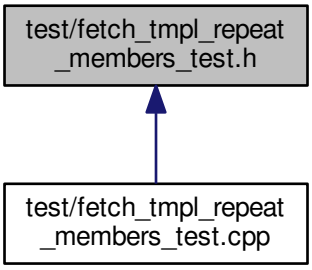
8.61 test/fetch_tmpl_repeat_members_test.h File Reference

```
#include "gtest/gtest.h"
#include "llvm/Support/Regex.h"
#include "ExecSQLCommon.h"
```

Include dependency graph for fetch_tmpl_repeat_members_test.h:



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



Classes

- class clang::tidy::pagesjaunes::test::FetchTmplRepeatMembersTest

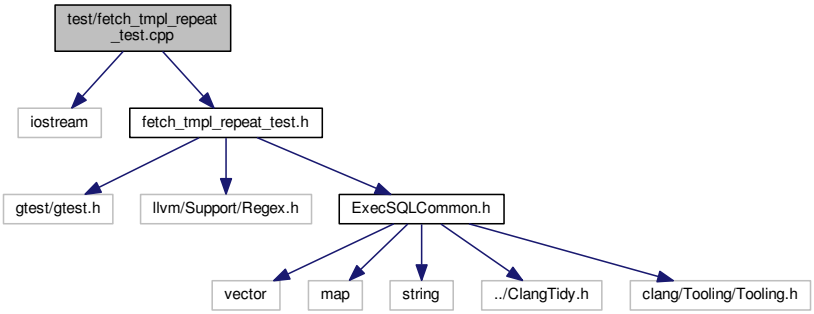
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

8.62 test/fetch_tmpl_repeat_test.cpp File Reference

```
#include <iostream>
#include "fetch_tmpl_repeat_test.h"
```

Include dependency graph for fetch_tmpl_repeat_test.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

Macros

- #define REQ0 " \n\@repeat on AnonStructures{Name, Def}\n\ \n\"
- #define REQ1 "\n\@repeat on AnonStructures{ Name, Def, Tab}\n\\n\"
- #define REQ2 "\n\@repeat on AnonStructures { Name, Def, Tab}\n\\n\"
- #define REQ3 "\n\@repeat on AnonStructures {Name,Def,Tab }\n\\n\"
- #define REQ4 "\n\@repeat on AnonStructures { Name , Def,Tab }\n\\n\"

Functions

- clang::tidy::pagesjaunes::test::TEST_F (FetchTmplRepeatTest, TemplRepeatRegexMatching)

8.62.1 Macro Definition Documentation

8.62.1.1 REQ0

```
#define REQ0 " \n\@repeat on AnonStructures{Name, Def}\n\ \n\"
```

8.62.1.2 REQ1

```
#define REQ1 "\n\@repeat on AnonStructures{ Name, Def, Tab}\n\\n\"
```

8.62.1.3 REQ2

```
#define REQ2 "\n\@repeat on AnonStructures { Name, Def, Tab}\n\\n\"
```

8.62.1.4 REQ3

```
#define REQ3 "\n\@repeat on AnonStructures {Name,Def,Tab }\n\\n\"
```

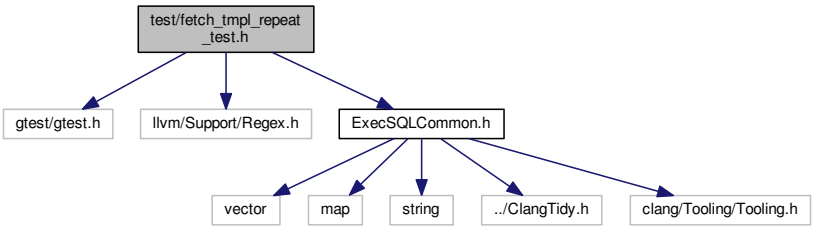
8.62.1.5 REQ4

```
#define REQ4 "\n\@repeat on AnonStructures { Name , Def,Tab }\n\\n\"
```

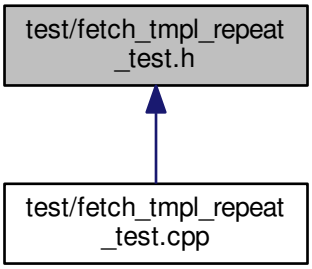
8.63 test/fetch_tmpl_repeat_test.h File Reference

```
#include "gtest/gtest.h"
#include "llvm/Support/Regex.h"
#include "ExecSQLCommon.h"
```

Include dependency graph for fetch_tmpl_repeat_test.h:



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



Classes

- class clang::tidy::pagesjaunes::test::FetchTmplRepeatTest

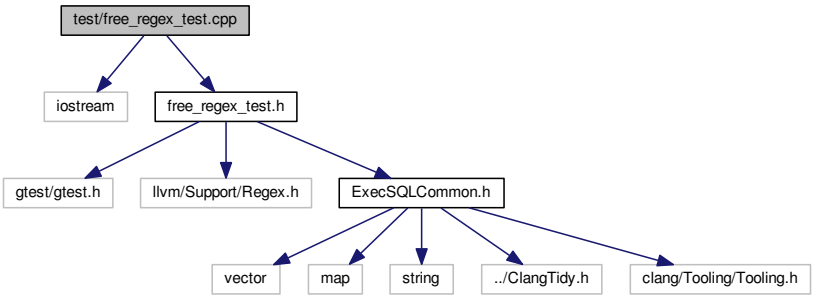
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

8.64 test/free_regex_test.cpp File Reference

```
#include <iostream>
#include "free_regex_test.h"
```

Include dependency graph for free_regex_test.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

Macros

- #define REQ0 "EXEC SQL FREE :emp_cv;"
- #define REQ1 "EXEC SQL \n FREE :emp_cv ;"
- #define REQWEIRD_0 "EXEC SQL \n FREE : emp_cv ;"
- #define REQWEIRD_1 "EXEC SQL \n Free : _emp_cv ;"
- #define REQWEIRD_2 "EXEC SQL \n Free : 1emp_cv ;"
- #define REQWEIRD_3 "EXEC SQL \n Free : \n emp_cv ;"

Functions

- clang::tidy::pagesjaunes::test::TEST_F (FreeRegexTest, RegexMatchingIndicators)
- clang::tidy::pagesjaunes::test::TEST_F (FreeRegexTest, RegexMatchingWeirdSyntax)

8.64.1 Macro Definition Documentation

8.64.1.1 REQ0

```
#define REQ0 "EXEC SQL FREE :emp_cv;"
```

8.64.1.2 REQ1

```
#define REQ1 "EXEC SQL \n FREE :emp_cv ;"
```

8.64.1.3 REQWEIRD_0

```
#define REQWEIRD_0 "EXEC SQL \n FREE : emp_cv ;"
```

8.64.1.4 REQWEIRD_1

```
#define REQWEIRD_1 "EXEC SQL \n Free :  _emp_cv ;"
```

8.64.1.5 REQWEIRD_2

```
#define REQWEIRD_2 "EXEC SQL \n Free :  1emp_cv ;"
```

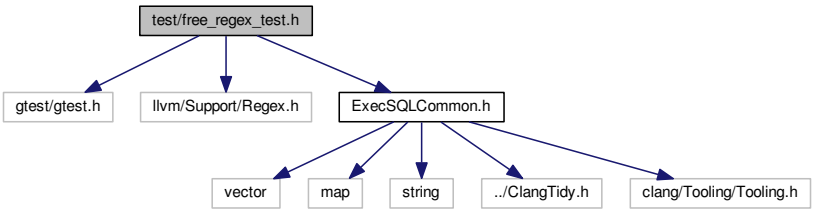
8.64.1.6 REQWEIRD_3

```
#define REQWEIRD_3 "EXEC SQL \n Free :  \n emp_cv ;"
```

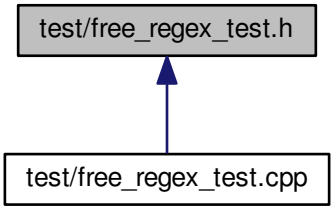
8.65 test/free_regex_test.h File Reference

```
#include "gtest/gtest.h"
#include "llvm/Support/Regex.h"
#include "ExecSQLCommon.h"
```

Include dependency graph for free_regex_test.h:



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



Classes

- class clang::tidy::pagesjaunes::test::FreeRegexTest

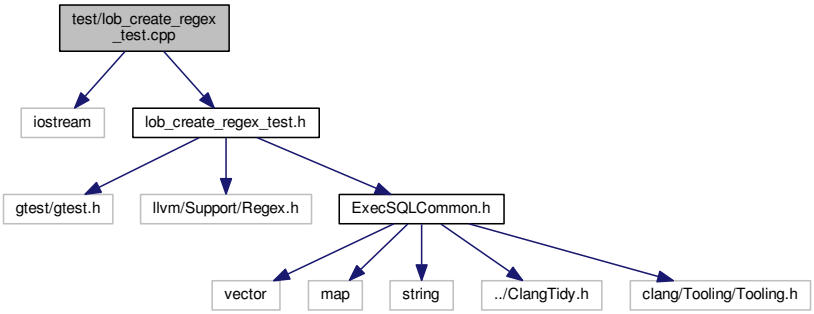
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

8.66 test/lob_create_regex_test.cpp File Reference

```
#include <iostream>
#include "lob_create_regex_test.h"
```

Include dependency graph for lob_create_regex_test.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

Macros

- #define REQ0 "EXEC SQL LOB_CREATE :emp_cv;"
- #define REQ1 "EXEC SQL \n LOB_CREATE :emp_cv ;"
- #define REQWEIRD_0 "EXEC SQL \n LOB_CREATE : emp_cv ;"
- #define REQWEIRD_1 "EXEC SQL \n Lob_Create : _emp_cv ;"
- #define REQWEIRD_2 "EXEC SQL \n Lob_Create : 1emp_cv ;"
- #define REQWEIRD_3 "EXEC SQL \n Lob_Create : \n emp_cv ;"

Functions

- clang::tidy::pagesjaunes::test::TEST_F (LobCreateRegexTest, RegexMatchingIndicators)
- clang::tidy::pagesjaunes::test::TEST_F (LobCreateRegexTest, RegexMatchingWeirdSyntax)

8.66.1 Macro Definition Documentation

8.66.1.1 REQ0

```
#define REQ0 "EXEC SQL LOB_CREATE :emp_cv;"
```

8.66.1.2 REQ1

```
#define REQ1 "EXEC SQL \n LOB_CREATE :emp_cv ;"
```

8.66.1.3 REQWEIRD_0

```
#define REQWEIRD_0 "EXEC SQL \n LOB_CREATE : emp_cv ;"
```

8.66.1.4 REQWEIRD_1

```
#define REQWEIRD_1 "EXEC SQL \n Lob_Create :  _emp_cv ;"
```

8.66.1.5 REQWEIRD_2

```
#define REQWEIRD_2 "EXEC SQL \n Lob_Create :  1emp_cv ;"
```

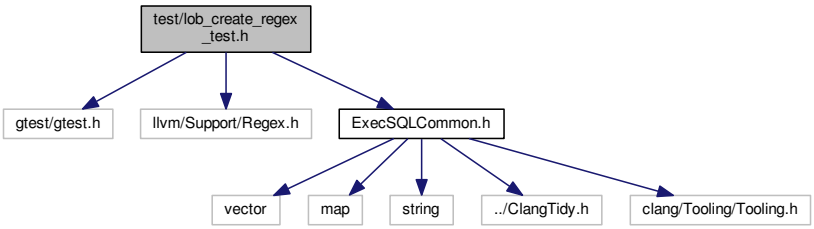
8.66.1.6 REQWEIRD_3

```
#define REQWEIRD_3 "EXEC SQL \n Lob_Create :  \n emp_cv ;"
```

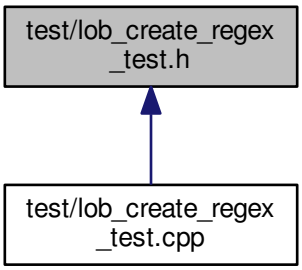
8.67 test/lob_create_regex_test.h File Reference

```
#include "gtest/gtest.h"
#include "llvm/Support/Regex.h"
#include "ExecSQLCommon.h"
```

Include dependency graph for lob_create_regex_test.h:



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



Classes

- class clang::tidy::pagesjaunes::test::LobCreateRegexTest

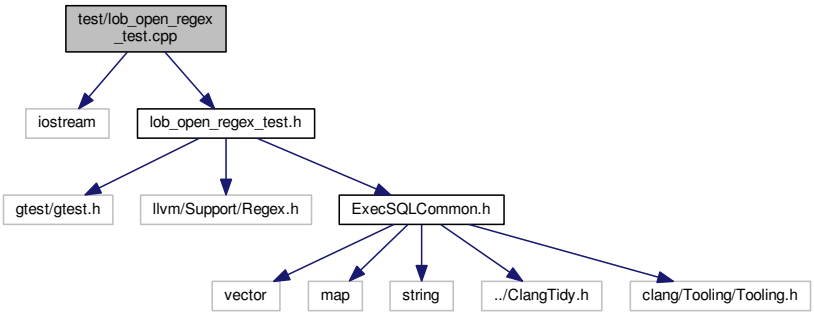
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

8.68 test/lob_open_regex_test.cpp File Reference

```
#include <iostream>
#include "lob_open_regex_test.h"
```

Include dependency graph for lob_open_regex_test.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

Macros

- #define REQ0 "EXEC SQL LOB_OPEN :emp_cv;"
- #define REQ1 "EXEC SQL \n LOB_OPEN :emp_cv ;"
- #define REQWEIRD_0 "EXEC SQL \n LOB_OPEN : emp_cv ;"
- #define REQWEIRD_1 "EXEC SQL \n Lob_Open : _emp_cv ;"
- #define REQWEIRD_2 "EXEC SQL \n Lob_Open : 1emp_cv ;"
- #define REQWEIRD_3 "EXEC SQL \n Lob_Open : \n emp_cv ;"

Functions

- clang::tidy::pagesjaunes::test::TEST_F (LobOpenRegexTest, RegexMatchingIndicators)
- clang::tidy::pagesjaunes::test::TEST_F (LobOpenRegexTest, RegexMatchingWeirdSyntax)

8.68.1 Macro Definition Documentation

8.68.1.1 REQ0

```
#define REQ0 "EXEC SQL LOB_OPEN :emp_cv;"
```

8.68.1.2 REQ1

```
#define REQ1 "EXEC SQL \n LOB_OPEN :emp_cv ;"
```

8.68.1.3 REQWEIRD_0

```
#define REQWEIRD_0 "EXEC SQL \n LOB_OPEN : emp_cv ;"
```

8.68.1.4 REQWEIRD_1

```
#define REQWEIRD_1 "EXEC SQL \n Lob_Open :  _emp_cv ;"
```

8.68.1.5 REQWEIRD_2

```
#define REQWEIRD_2 "EXEC SQL \n Lob_Open :  1emp_cv ;"
```

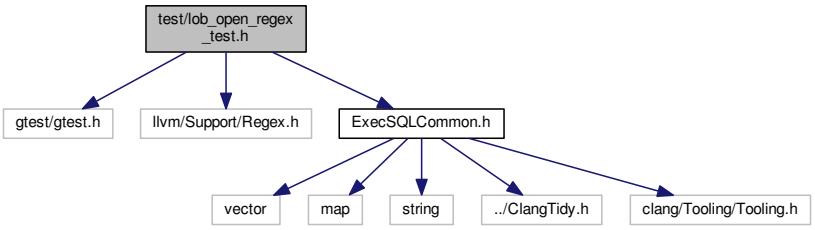
8.68.1.6 REQWEIRD_3

```
#define REQWEIRD_3 "EXEC SQL \n Lob_Open :  \n emp_cv ;"
```

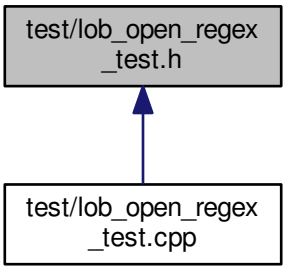
8.69 test/lob_open_regex_test.h File Reference

```
#include "gtest/gtest.h"
#include "llvm/Support/Regex.h"
#include "ExecSQLCommon.h"
```

Include dependency graph for lob_open_regex_test.h:



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



Classes

- class clang::tidy::pagesjaunes::test::LobOpenRegexTest

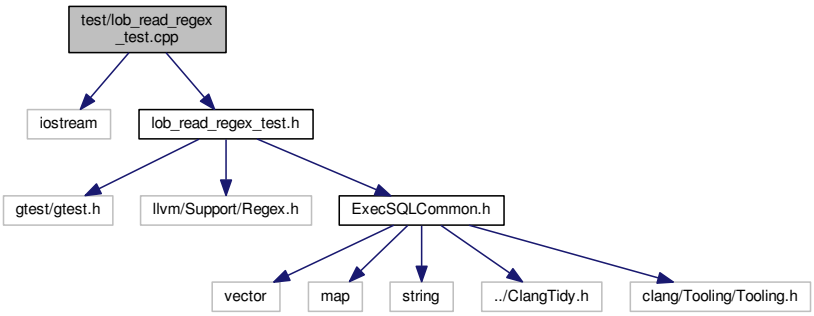
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

8.70 test/lob_read_regex_test.cpp File Reference

```
#include <iostream>
#include "lob_read_regex_test.h"
```

Include dependency graph for lob_read_regex_test.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

Macros

- #define REQ0 "EXEC SQL LOB_READ :emp_cv;"
- #define REQ1 "EXEC SQL \n LOB_READ :emp_cv ;"
- #define REQWEIRD_0 "EXEC SQL \n LOB_READ : emp_cv ;"
- #define REQWEIRD_1 "EXEC SQL \n Lob_Read : _emp_cv ;"
- #define REQWEIRD_2 "EXEC SQL \n Lob_Read : 1emp_cv ;"
- #define REQWEIRD_3 "EXEC SQL \n Lob_Read : \n emp_cv ;"

Functions

- clang::tidy::pagesjaunes::test::TEST_F (LobReadRegexTest, RegexMatchingIndicators)
- clang::tidy::pagesjaunes::test::TEST_F (LobReadRegexTest, RegexMatchingWeirdSyntax)

8.70.1 Macro Definition Documentation

8.70.1.1 REQ0

```
#define REQ0 "EXEC SQL LOB_READ :emp_cv;"
```

8.70.1.2 REQ1

```
#define REQ1 "EXEC SQL \n LOB_READ :emp_cv ;"
```

8.70.1.3 REQWEIRD_0

```
#define REQWEIRD_0 "EXEC SQL \n LOB_READ : emp_cv ;"
```

8.70.1.4 REQWEIRD_1

```
#define REQWEIRD_1 "EXEC SQL \n Lob_Read :  _emp_cv ;"
```

8.70.1.5 REQWEIRD_2

```
#define REQWEIRD_2 "EXEC SQL \n Lob_Read :  1emp_cv ;"
```

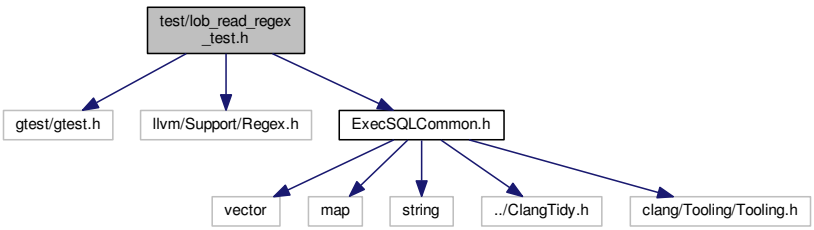
8.70.1.6 REQWEIRD_3

```
#define REQWEIRD_3 "EXEC SQL \n Lob_Read :  \n emp_cv ;"
```

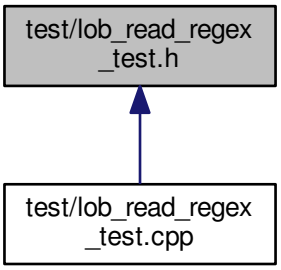
8.71 test/lob_read_regex_test.h File Reference

```
#include "gtest/gtest.h"
#include "llvm/Support/Regex.h"
#include "ExecSQLCommon.h"
```

Include dependency graph for lob_read_regex_test.h:



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



Classes

- class clang::tidy::pagesjaunes::test::LobReadRegexTest

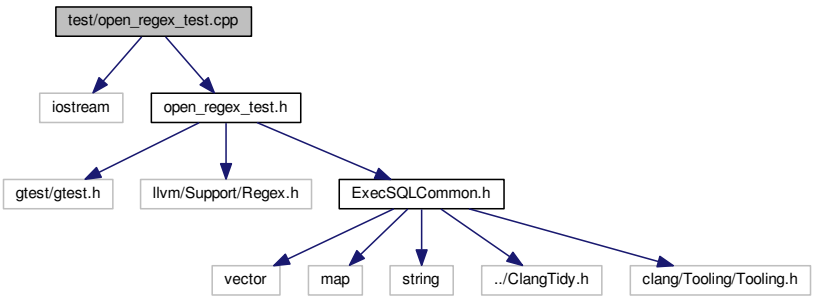
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

8.72 test/open_regex_test.cpp File Reference

```
#include <iostream>
#include "open_regex_test.h"
```

Include dependency graph for open_regex_test.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

Macros

- #define REQ " EXEC SQL OPEN crsCountInsEPJ0; "
- #define REQ
- #define REQ "EXEC SQL OPEN crsCountInsEPJ2 USING :nTab1,:nTab2; "
- #define REQ
- #define REQ
- #define REQWEIRD
- #define REQWEIRD
- #define REQWEIRD
- #define REQWEIRD

Functions

- clang::tidy::pagesjaunes::test::TEST_F (OpenRegexTest, RegexMatching)
- clang::tidy::pagesjaunes::test::TEST_F (OpenRegexTest, RegexMatchingWeirdSyntax)

8.72.1 Macro Definition Documentation

8.72.1.1 REQ [1/5]

```
#define REQ " EXEC SQL OPEN crsCountInsEPJ0; "
```

8.72.1.2 REQ [2/5]

```
#define REQ
```

Value:

```
"EXEC SQL\n"                                          \
          "  OPEN crsCountInsEPJ1; "
```

8.72.1.3 REQ [3/5]

```
#define REQ "EXEC SQL OPEN crsCountInsEPJ2 USING :nTab1,:nTab2; "
```

8.72.1.4 REQ [4/5]

```
#define REQ
```

Value:

```
"EXEC SQL\n"                                                \
           "  OPEN crsCountInsEPJ1 USING :nTab1,:nTab2,nTab3;"
```

8.72.1.5 REQ [5/5]

```
#define REQ
```

Value:

```
"EXEC SQL \n"                                               \
           "open ghhcrsLireVersionIeinsc \n"                    \
           "using :pcOraNumnat,\n"                              \
           ":pcOraNumlo,\n"                                     \
           ":pcOraNumls;"
```

8.72.1.6 REQWEIRD [1/4]

```
#define REQWEIRD
```

Value:

```
"     EXEC SQL \n"                                          \
           "  OPEN crsCountIns_EPJ0\n"                          \
           "  ; "
```

8.72.1.7 REQWEIRD [2/4]

```
#define REQWEIRD
```

Value:

```
"     EXEC SQL \n"                                          \
           "  OPEN 1crsCountInsEPJ0\n"                          \
           "  ; "
```

8.72.1.8 REQWEIRD [3/4]

```
#define REQWEIRD
```

Value:

```
"     EXEC SQL \n"                                          \
            "  OPEN __crsCount_Ins_EPJ_0__\n"                          \
            "  UsInG: emp1, : emp2 "                                    \
            "  ; "
```

8.72.1.9 REQWEIRD [4/4]

```
#define REQWEIRD
```

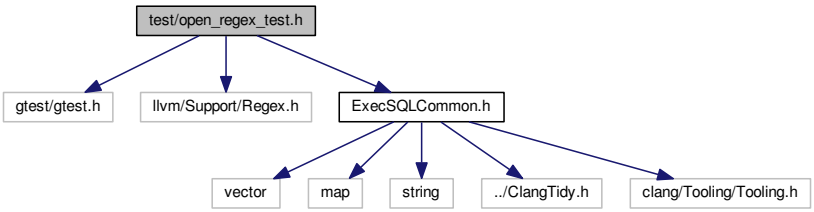
Value:

```
"     EXEC      \n"                                      \
            "      SQL   \n"                                          \
            "  open __crsCount_Ins_EPJ_0__\n"                          \
            " UsiNG:  \n  "                                            \
            "  _emp1 , :\n "                                           \
            "  _emp2 , :\n "                                           \
            "  _emp3 \n "                                              \
            "  ; "
```

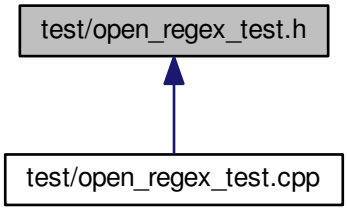
8.73 test/open_regex_test.h File Reference

```
#include "gtest/gtest.h"
#include "llvm/Support/Regex.h"
#include "ExecSQLCommon.h"
```

Include dependency graph for open_regex_test.h:



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



Classes

- class clang::tidy::pagesjaunes::test::OpenRegexTest

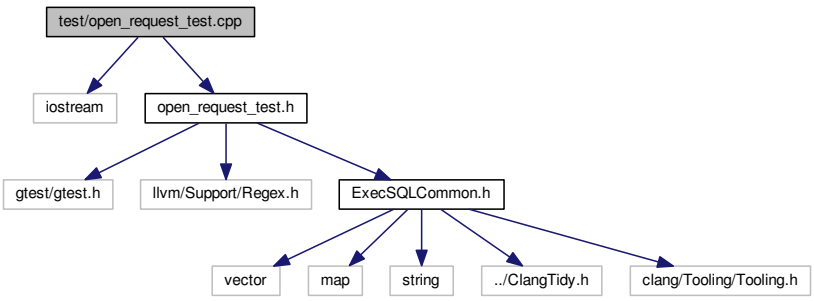
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

8.74 test/open_request_test.cpp File Reference

```
#include <iostream>
#include "open_request_test.h"
```

Include dependency graph for open_request_test.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

Macros

- #define REQ

Functions

- clang::tidy::pagesjaunes::test::TEST_F (OpenRequestTest, RequestDecode)

8.74.1 Macro Definition Documentation

8.74.1.1 REQ

```
#define REQ
```

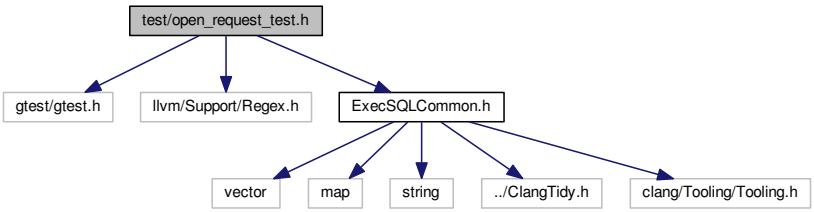
Value:

```
"        EXEC SQL\n"                              \
           "          open ghhcrsLireVersionIeinsc\n"  \
           "          using :pcOraNumnat,\n"           \
           "          :pcOraNumlo,\n"                  \
           "          :pcOraNumls;"
```

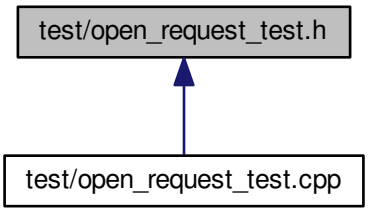
8.75 test/open_request_test.h File Reference

```
#include "gtest/gtest.h"
#include "llvm/Support/Regex.h"
#include "ExecSQLCommon.h"
```

Include dependency graph for open_request_test.h:



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



Classes

- class clang::tidy::pagesjaunes::test::OpenRequestTest

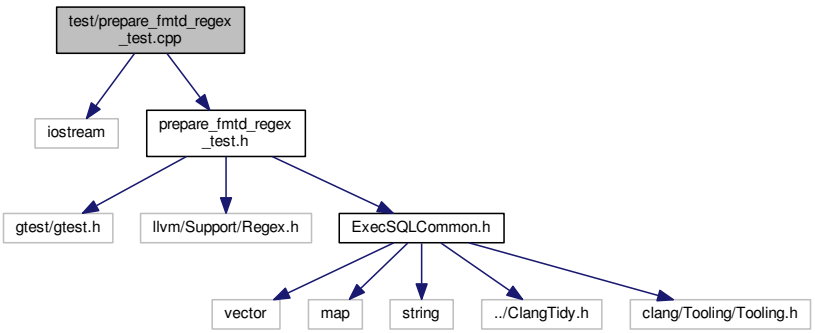
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

8.76 test/prepare_fmtd_regex_test.cpp File Reference

```
#include <iostream>
#include "prepare_fmtd_regex_test.h"
```

Include dependency graph for prepare_fmtd_regex_test.cpp:



Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

Macros

- #define REQ "EXEC SQL PREPARE my_statement FROM :my_string;"
- #define REQ
- #define REQ
- #define REQ
- #define REQWEIRD
- #define REQWEIRD
- #define REQWEIRD
- #define REQWEIRD
- #define REQWEIRD
- #define REQWEIRD
- #define REQCOLON
- #define REQCOLON

Functions

- clang::tidy::pagesjaunes::test::TEST_F (PrepareFmtdRegexTest, RegexMatching)
- clang::tidy::pagesjaunes::test::TEST_F (PrepareFmtdRegexTest, RegexMatchingWeirdSyntax)
- clang::tidy::pagesjaunes::test::TEST_F (PrepareFmtdRegexTest, RegexMatchingBadColonSyntax)

8.76.1 Macro Definition Documentation

8.76.1.1 REQ [1/4]

```
#define REQ "EXEC SQL PREPARE my_statement FROM :my_string;"
```

8.76.1.2 REQ [2/4]

```
#define REQ
```

Value:

```
"EXEC SQL\n"                                                  \
            "  PREPARE crsCountInsEPJ1 \n"                       \
            "  FROM  reqCountInsEPJ1;"
```

8.76.1.3 REQ [3/4]

```
#define REQ
```

Value:

```
"EXEC SQL\n"                                                \
            "  PREPARE \n"                                          \
            "          crsCountInsEPJ1    \n"                       \
            "  from \n"                                              \
            "    :reqCountInsEPJ1;"
```

8.76.1.4 REQ [4/4]

```
#define REQ
```

Value:

```
"EXEC SQL\n"                                                \
            "  PREPARE \n"                                          \
            "          crsCountInsEPJ1    \n"                       \
            "  FROM \n"                                             \
            "    :reqCountInsEPJ1;"
```

8.76.1.5 REQCOLON [1/2]

```
#define REQCOLON
```

Value:

```
"EXEC SQL \n"                                               \
            " PREPARE crsCountInsEPJ0 \n"                           \
            " FROM: reqCountInsEPJ0;"
```

8.76.1.6 REQCOLON [2/2]

```
#define REQCOLON
```

Value:

```
"EXEC SQL \n"                                               \
            " PREPARE crsCountInsEPJ1 \n"                           \
            " FROM: reqCountInsEPJ1 \n ;"
```

8.76.1.7 REQWEIRD [1/6]

```
#define REQWEIRD
```

Value:

```
"     EXEC SQL \n"                                          \
            "  Prepare _crsCountIns_EPJ0 \n"                          \
            "   FRom :_req_Count1_InsEPJ0\n"                          \
            "  ; "
```

8.76.1.8 REQWEIRD [2/6]

```
#define REQWEIRD
```

Value:

```
"     EXEC SQL \n"                                          \
            "  PREPARE_FMTD 1crsCountInsEPJ0 cursor\n"                \
            "  for reqCountInsEPJ0; "
```

8.76.1.9 REQWEIRD [3/6]

```
#define REQWEIRD
```

Value:

```
"     EXEC SQL \n"                                          \
            "  PREPARE_FMTD crsCountInsEPJ0 cursor\n"                 \
            "  for lreqCountInsEPJ0; "
```

8.76.1.10 REQWEIRD [4/6]

```
#define REQWEIRD
```

Value:

```
"     EXEC SQL \n"                                          \
            "  PREPARE_FMTD -crsCountInsEPJ0 cursor\n"                    \
            "  for reqCountInsEPJ0; "
```

8.76.1.11 REQWEIRD [5/6]

```
#define REQWEIRD
```

Value:

```
"     EXEC SQL \n"                                          \
            "  PREPARE_FMTD crsCountInsEPJ0 cursor\n"                    \
            "  for req-CountInsEPJ0; "
```

8.76.1.12 REQWEIRD [6/6]

```
#define REQWEIRD
```

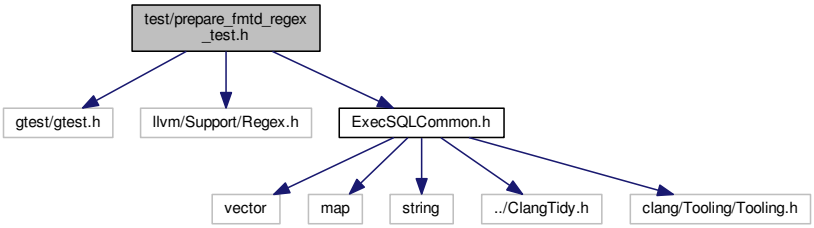
Value:

```
"     EXEC SQL \n"                                          \
            "  PrePARE __crsCount_Ins_EPJ_0__\n"                      \
            "  fRoM :__req_CountInsEPJ_0__; "
```

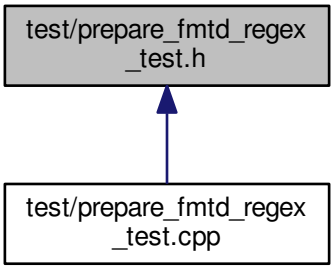
8.77 test/prepare_fmtd_regex_test.h File Reference

```
#include "gtest/gtest.h"
#include "llvm/Support/Regex.h"
#include "ExecSQLCommon.h"
```

Include dependency graph for prepare_fmtd_regex_test.h:



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



Classes

- class clang::tidy::pagesjaunes::test::PrepareFmtdRegexTest

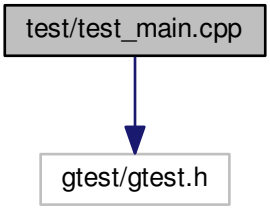
Namespaces

- clang
- clang::tidy
- clang::tidy::pagesjaunes
- clang::tidy::pagesjaunes::test

8.78 test/test_main.cpp File Reference

```
#include "gtest/gtest.h"
```

Include dependency graph for test_main.cpp:



Functions

- int main (int argc, char **argv)

8.78.1 Function Documentation

8.78.1.1 main()

```
int main (
            int argc,
            char ** argv )
```

Definition at line 13 of file test_main.cpp.

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