

Kalendarz

0.1

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7.28 Dokumentacja pliku CMakeFiles/calendar.dir/res/eventBirthdayModel.cpp.o.d	287

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7.32 Dokumentacja pliku CMakeFiles/calendar.dir/res/inputDialog.cpp.o.d	287
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7.44 Dokumentacja pliku includes/todoElement.h	300
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7.47.1.1 main()	304
7.48 Dokumentacja pliku mainwindow.cpp	304
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7.51 Dokumentacja pliku res/dataInterface.cpp	306
7.52 Dokumentacja pliku res/date.cpp	307
7.53 Dokumentacja pliku res/dayModel.cpp	307
7.54 Dokumentacja pliku res/eventBirthdayModel.cpp	308
7.55 Dokumentacja pliku res/eventHolidayModel.cpp	308
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7.57 Dokumentacja pliku <code>res/eventReminderModel.cpp</code>	310
7.58 Dokumentacja pliku <code>res/todoElement.cpp</code>	311
7.59 Dokumentacja pliku <code>res/todoView.cpp</code>	311
7.60 Dokumentacja pliku <code>res/weeklyCalendarView.cpp</code>	312
Indeks	313

Rozdział 1

Indeks przestrzeni nazw

1.1 Lista przestrzeni nazw

Tutaj znajdują się wszystkie przestrzenie nazw wraz z ich krótkimi opisami:

calendar	9
Ui	12

Rozdział 2

Indeks hierarchiczny

2.1 Hierarchia klas

Ta lista dziedziczenia posortowana jest z grubsza, choć nie całkowicie, alfabetycznie:

calendar::calendarView	13
calendar::dataInterface< T >	21
calendar::dataInterface< calendar::event * >	21
calendar::dataInterface< calendar::todoElement >	21
calendar::date	25
calendar::day	36
calendar::event	40
calendar::eventBirthday	47
calendar::eventHoliday	53
calendar::eventReminder	59
QMainWindow	
MainWindow	64
qt_meta_stringdata_MainWindow_t	69
calendar::todoElement	69
calendar::todoView	73
Ui_MainWindow	75
Ui::MainWindow	68
calendar::weeklyCalendarView	81

Rozdział 3

Indeks klas

3.1 Lista klas

Tutaj znajdują się klasy, struktury, unie i interfejsy wraz z ich krótkimi opisami:

calendar::calendarView	
Klasa opisująca model widoku miesięcznego	13
calendar::dataInterface< T >	
Klasa interfejs do zapisu danych do pliku	21
calendar::date	
Klasa obsługująca datę	25
calendar::day	36
calendar::event	40
calendar::eventBirthday	47
calendar::eventHoliday	53
calendar::eventReminder	59
MainWindow	64
Ui::MainWindow	68
qt_meta_stringdata_MainWindow_t	69
calendar::todoElement	
Klasa przechowująca elementy listy zadań do zrobienia	69
calendar::todoView	
Klasa opisująca widok elementów todo	73
Ui_MainWindow	75
calendar::weeklyCalendarView	
Klasa operująca widokiem tygodniowym	81

Rozdział 4

Indeks plików

4.1 Lista plików

Tutaj znajduje się lista wszystkich plików z ich krótkimi opisami:

main.cpp	304
mainwindow.cpp	304
mainwindow.h	305
build/calendar_autogen/moc_predefs.h	89
build/calendar_autogen/mocs_compilation.cpp	265
build/calendar_autogen/EWIEGA46WW/moc_mainwindow.cpp.d	89
build/CMakeFiles/3.20.0/CompilerIdCXX/CMakeCXXCompilerId.cpp	266
build/CMakeFiles/3.20.1/CompilerIdCXX/CMakeCXXCompilerId.cpp	269
build/CMakeFiles/3.20.2/CompilerIdCXX/CMakeCXXCompilerId.cpp	272
build/CMakeFiles/calendar.dir/main.cpp.o.d	284
build/CMakeFiles/calendar.dir/mainwindow.cpp.o.d	284
build/CMakeFiles/calendar.dir/calendar_autogen/mocs_compilation.cpp.o.d	284
calendar_autogen/moc_predefs.h	148
calendar_autogen/mocs_compilation.cpp	265
calendar_autogen/EWIEGA46WW/moc_mainwindow.cpp	284
calendar_autogen/EWIEGA46WW/moc_mainwindow.cpp.d	89
calendar_autogen/include/ui_mainwindow.h	285
cmake-build-debug/calendar_autogen/moc_predefs.h	206
cmake-build-debug/calendar_autogen/mocs_compilation.cpp	266
cmake-build-debug/calendar_autogen/EWIEGA46WW/moc_mainwindow.cpp.d	89
cmake-build-debug/CMakeFiles/3.20.0/CompilerIdCXX/CMakeCXXCompilerId.cpp	275
CMakeFiles/3.20.1/CompilerIdCXX/CMakeCXXCompilerId.cpp	278
CMakeFiles/3.20.2/CompilerIdCXX/CMakeCXXCompilerId.cpp	281
CMakeFiles/calendar.dir/main.cpp.o.d	284
CMakeFiles/calendar.dir/mainwindow.cpp.o.d	284
CMakeFiles/calendar.dir/calendar_autogen/mocs_compilation.cpp.o.d	284
CMakeFiles/calendar.dir/res/calendarView.cpp.o.d	287
CMakeFiles/calendar.dir/res/dataInterface.cpp.o.d	287
CMakeFiles/calendar.dir/res/date.cpp.o.d	287
CMakeFiles/calendar.dir/res/dayModel.cpp.o.d	287
CMakeFiles/calendar.dir/res/eventBirthdayModel.cpp.o.d	287
CMakeFiles/calendar.dir/res/eventHolidayModel.cpp.o.d	287
CMakeFiles/calendar.dir/res/eventModel.cpp.o.d	287
CMakeFiles/calendar.dir/res/eventReminderModel.cpp.o.d	287
CMakeFiles/calendar.dir/res/inputDialog.cpp.o.d	287

CMakeFiles/calendar.dir/res/todoElement.cpp.o.d	287
CMakeFiles/calendar.dir/res/todoView.cpp.o.d	287
CMakeFiles/calendar.dir/res/weeklyCalendarView.cpp.o.d	287
includes/calendarView.h	287
includes/dataInterface.h	289
includes/date.h	291
includes/dayModel.h	293
includes/eventBirthdayModel.h	294
includes/eventHolidayModel.h	295
includes/eventModel.h	297
includes/eventReminderModel.h	298
includes/todoElement.h	300
includes/todoView.h	301
includes/weeklyCalendarView.h	302
res/calendarView.cpp	306
res/dataInterface.cpp	306
res/date.cpp	307
res/dayModel.cpp	307
res/eventBirthdayModel.cpp	308
res/eventHolidayModel.cpp	308
res/eventModel.cpp	309
res/eventReminderModel.cpp	310
res/todoElement.cpp	311
res/todoView.cpp	311
res/weeklyCalendarView.cpp	312

Rozdział 5

Dokumentacja przestrzeni nazw

5.1 Dokumentacja przestrzeni nazw calendar

Komponenty

- class `calendarView`
klasa opisująca model widoku miesięcznego.
- class `dataInterface`
Klasa interfejs do zapisu danych do pliku.
- class `date`
klasa obsługująca datę.
- class `day`
- class `eventBirthday`
- class `eventHoliday`
- class `event`
- class `eventReminder`
- class `todoElement`
klasa przechowująca elementy listy zadań do zrobienia
- class `todoView`
Klasa opisująca widok elementów todo.
- class `weeklyCalendarView`
Klasa operująca widokiem tygodniowym.

Definicje typów

- typedef enum `calendar::weekDayModel weekDayModel`
typ wyliczeniowy obsługujący dzień tygodnia.
- typedef enum `calendar::monthModel monthModel`
typ wyliczeniowy obsługujący miesiące.
- typedef enum `calendar::repeatCycle repeatCycle`

Wyliczenia

- enum `weekDayModel` {
 `Mon` = 0 , `Tue` = 1 , `Wed` = 2 , `Thu` = 3 ,
 `Fri` = 4 , `Sat` = 5 , `Sun` = 6 }
 typ wyliczeniowy obsługujący dzień tygodnia.
- enum `monthModel` {
 `Jan` = 0 , `Feb` = 1 , `Mar` = 2 , `Apr` = 3 ,
 `May` = 4 , `Jun` = 5 , `Jul` = 6 , `Aug` = 7 ,
 `Sep` = 8 , `Oct` = 9 , `Nov` = 10 , `Dec` = 11 }
 typ wyliczeniowy obsługujący miesiące.
- enum `repeatCycle` {
 `Daily` , `Weekly` , `Monthly` , `Annually` ,
 `None` }

5.1.1 Dokumentacja definicji typów

5.1.1.1 monthModel

```
typedef enum calendar::monthModel calendar::monthModel
```

typ wyliczeniowy obsługujący miesiące.

5.1.1.2 repeatCycle

```
typedef enum calendar::repeatCycle calendar::repeatCycle
```

5.1.1.3 weekDayModel

```
typedef enum calendar::weekDayModel calendar::weekDayModel
```

typ wyliczeniowy obsługujący dzień tygodnia.

5.1.2 Dokumentacja typów wyliczanych

5.1.2.1 monthModel

```
enum calendar::monthModel
```

typ wyliczeniowy obsługujący miesiące.

Wartości wyliczeń

Jan	
Feb	
Mar	
Apr	
May	
Jun	
Jul	
Aug	
Sep	
Oct	
Nov	
Dec	

5.1.2.2 repeatCycle

enum `calendar::repeatCycle`

Wartości wyliczeń

Daily	
Weekly	
Monthly	
Annually	
None	

5.1.2.3 weekDayModel

enum `calendar::weekDayModel`

typ wyliczeniowy obsługujący dzień tygodnia.

Wartości wyliczeń

Mon	
Tue	
Wed	
Thu	
Fri	
Sat	
Sun	

5.2 Dokumentacja przestrzeni nazw Ui

Komponenty

- class [MainWindow](#)

Rozdział 6

Dokumentacja klas

6.1 Dokumentacja klasy `calendar::calendarView`

klasa opisująca model widoku miesięcznego.

```
#include <calendarView.h>
```

Metody publiczne

- `calendarView ()`
Konstruktor bezargumentowy.
- void `setTodayDate ()`
Ustawia dzisiejszą datę
- `date getTodayDate ()` const noexcept
Pobiera dzisiejszą datę
- void `calculateCurrentMonth` (QStandardItemModel *dayModelInterface, const `monthModel` &month, const int &year, QStandardItemModel *monthEventsInterface)
Ustawia i oblicza dni w obecnym miesiącu.
- std::string `getMonthName` (const `monthModel` &month)
Pobiera nazwę miesiąca.
- void `getEventsForDay` (QStandardItemModel *monthEventsInterface, const int &day)
Pobiera wydarzenia dla danego dnia.
- QStandardItem * `displayReminderEvent` (`event` *newEvent)
Zwraca opis wydarzenia.
- void `addEventFromDialog` (QTableView *calendarMonthlyView, const std::string &newEvName, const std::string &newEvDescription, const std::string &newEvLocation, const std::string &newEvType, const std::string &newEvFirstname, const std::string &newEvLastname, const `date` &newEvDate, const `date` &newEvBirthdate, const `date` &beginDate, const `date` &endDate, const `repeatCycle` &newEvRepeat, const std::string &eventClass)
Dodaje wydarzenie z okna dialogowego.
- std::vector< `event` * > `getEvents` () const noexcept
Pobiera listę wydarzeń.
- void `setEvents` (std::vector< `event` * > newEvents)
Ustawia listę wydarzeń
- void `deleteEvent` (std::string exportedEventData)
Usuwa wydarzenie o określonym opisie.

6.1.1 Opis szczegółowy

klasa opisująca model widoku miesięcznego.

6.1.2 Dokumentacja konstruktora i destruktora

6.1.2.1 `calendarView()`

```
calendar::calendarView::calendarView ( )
```

Konstruktor bezargumentowy.

Oto graf wywołań dla tej funkcji:



6.1.3 Dokumentacja funkcji składowych

6.1.3.1 `addEventFromDialog()`

```
void calendar::calendarView::addEventFromDialog (
    QTableView * calendarMonthlyView,
    const std::string & newEvName,
    const std::string & newEvDescription,
    const std::string & newEvLocation,
    const std::string & newEvType,
    const std::string & newEvFirstname,
    const std::string & newEvLastname,
    const date & newEvDate,
    const date & newBirthdate,
    const date & beginDate,
    const date & endDate,
    const repeatCycle & newEvRepeat,
    const std::string & eventClass )
```

Dodaje wydarzenie z okna dialogowego.

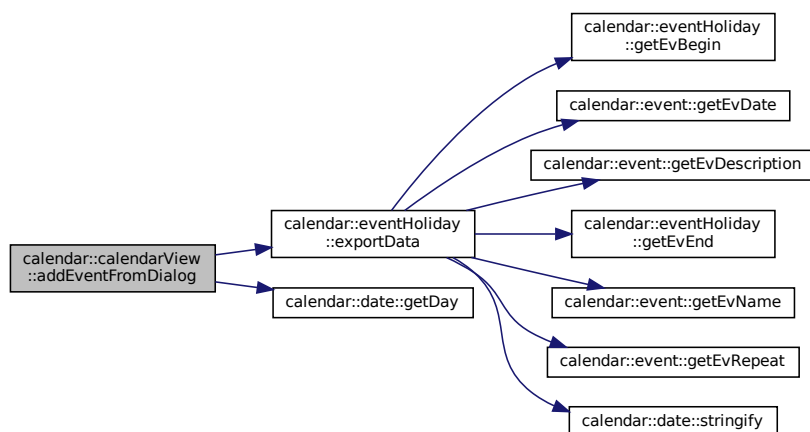
Parametry

<code>calendarMonthlyView</code>	widok tabelaryczny
<code>newEvName</code>	nazwa wydarzenia

Parametry

<code>newEvDescription</code>	opis wydarzenia
<code>newEvLocation</code>	lokalizacja wydarzenia
<code>newEvType</code>	typ wydarzenia
<code>newEvFirstname</code>	imię osoby, która ma urodziny
<code>newEvLastname</code>	nazwisko osoby, która ma urodziny
<code>newEvDate</code>	data wydarzenia
<code>newBirthdate</code>	data narodzin osoby
<code>beginDate</code>	data rozpoczęcia wakacji
<code>endDate</code>	data zakończenia wakacji
<code>newEvRepeat</code>	sposób powtarzania wydarzenia
<code>eventClass</code>	rodzaj wydarzenia

Oto graf wywołań dla tej funkcji:

6.1.3.2 `calculateCurrentMonth()`

```

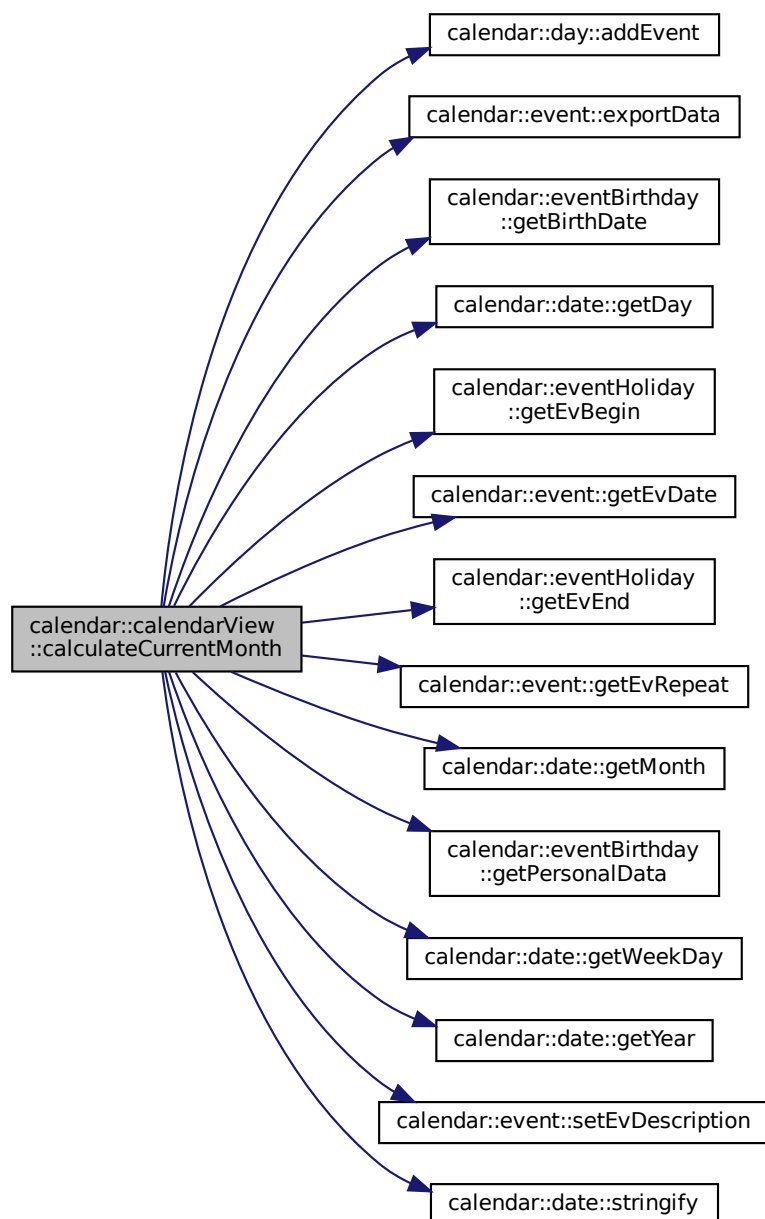
void calendar::calendarView::calculateCurrentMonth (
    QStandardItemModel * dayModelInterface,
    const monthModel & month,
    const int & year,
    QStandardItemModel * monthEventsInterface )
  
```

Ustawia i oblicza dni w obecnym miesiącu.

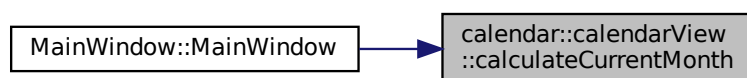
Parametry

<code>dayModelInterface</code>	model widoku dni
<code>month</code>	obecny miesiąc
<code>year</code>	obecny rok
<code>monthEventsInterface</code>	model widoku wydarzeń

Oto graf wywołań dla tej funkcji:



Oto graf wywoływań tej funkcji:



6.1.3.3 `deleteEvent()`

```
void calendar::calendarView::deleteEvent (
    std::string exportedEventData )
```

Usuwa wydarzenie o określonym opisie.

Parametry

<code>exportedEventData</code>	opis wydarzenia
--------------------------------	-----------------

6.1.3.4 `displayReminderEvent()`

```
QStandardItem * calendar::calendarView::displayReminderEvent (
    event * newEvent )
```

Zwraca opis wydarzenia.

Parametry

<code>newEvent</code>	wydarzenie do opisania
-----------------------	------------------------

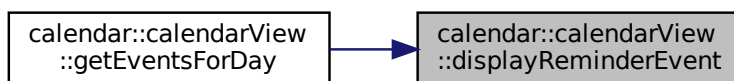
Zwraca

`QStandardItem*` obiekt Qt z opisem wydarzenia

Oto graf wywołań dla tej funkcji:



Oto graf wywoływań tej funkcji:



6.1.3.5 getEvents()

```
std::vector< event * > calendar::calendarView::getEvents ( ) const [noexcept]
```

Pobiera listę wydarzeń.

Zwraca

std::vector<event *> lista wydarzeń

6.1.3.6 getEventsForDay()

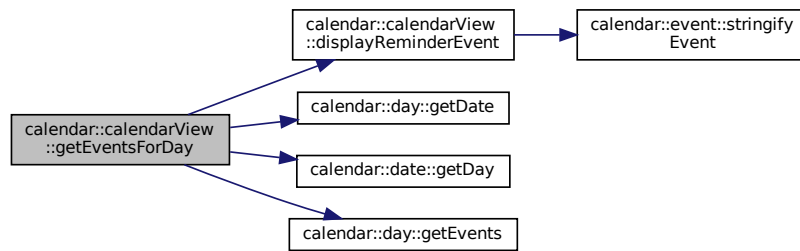
```
void calendar::calendarView::getEventsForDay (
    QStandardItemModel * monthEventsInterface,
    const int & day )
```

Pobiera wydarzenia dla danego dnia.

Parametry

<i>monthEventsInterface</i>	model widoku wydarzeń
<i>day</i>	dany dzień

Oto graf wywołań dla tej funkcji:



6.1.3.7 `getMonthName()`

```
std::string calendar::calendarView::getMonthName (
    const monthModel & month )
```

Pobiera nazwę miesiąca.

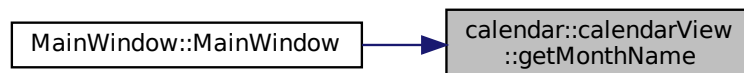
Parametry

<code>month</code>	dany miesiąc
--------------------	--------------

Zwraca

`std::string` nazwa miesiąca

Oto graf wywoływań tej funkcji:



6.1.3.8 `getTodayDate()`

```
date calendar::calendarView::getTodayDate ( ) const [noexcept]
```

Pobiera dzisiejszą datę

Zwraca

date dzisiejsza data

6.1.3.9 setEvents()

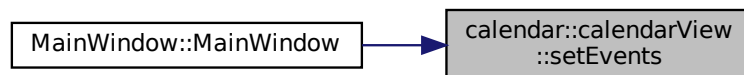
```
void calendar::calendarView::setEvents (
    std::vector< event * > newEvents )
```

Ustawia listę wydarzeń

Parametry

<i>newEvents</i>	lista wydarzeń
------------------	----------------

Oto graf wywołań tej funkcji:

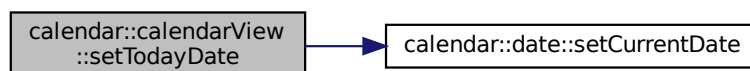


6.1.3.10 setTodayDate()

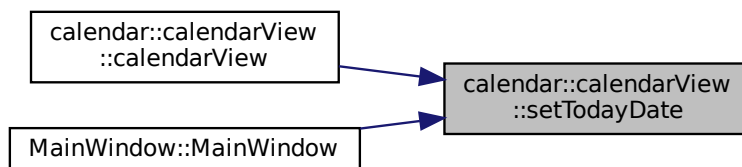
```
void calendar::calendarView::setTodayDate ( )
```

Ustawia dzisiejszą datę

Oto graf wywołań dla tej funkcji:



Oto graf wywoływań tej funkcji:



Dokumentacja dla tej klasy została wygenerowana z plików:

- [includes/calendarView.h](#)
- [res/calendarView.cpp](#)

6.2 Dokumentacja szablonu klasy `calendar::dataInterface< T >`

Klasa interfejs do zapisu danych do pliku.

```
#include <dataInterface.h>
```

Metody publiczne

- [dataInterface](#) ()
Konstruktor bezargumentowy.
- [dataInterface](#) (std::vector< T > newList)
Konstruktor przyjmujący listę elementów do zapisania.
- void [loadDataToInterface](#) (std::vector< T > importedList)
Pobiera dane do interfejsu.
- std::vector< T > [loadDataFromInterface](#) ()
Pobiera dane z interfejsu.
- void [exportDataToSaveFile](#) ()
Zapisuje dane do plików.
- void [importDataFromSaveFile](#) ()
Pobiera dane z plików.
- void [exportDataToSaveFile](#) ()
- void [exportDataToSaveFile](#) ()
- void [importDataFromSaveFile](#) ()
- void [importDataFromSaveFile](#) ()

6.2.1 Opis szczegółowy

```
template<class T>
class calendar::dataInterface< T >
```

Klasa interfejs do zapisu danych do pliku.

Parametry Szablonu

<code>T</code>	<code>todoElement</code> lub event
----------------	------------------------------------

6.2.2 Dokumentacja konstruktora i destruktora

6.2.2.1 `dataInterface()` [1/2]

```
template<class T >
calendar::dataInterface< T >::dataInterface
```

Konstruktor bezargumentowy.

6.2.2.2 `dataInterface()` [2/2]

```
template<class T >
calendar::dataInterface< T >::dataInterface (
    std::vector< T > newItemList )
```

Konstruktor przyjmujący listę elementów do zapisania.

Parametry

<code>newItemList</code>	lista elementów
--------------------------	-----------------

6.2.3 Dokumentacja funkcji składowych

6.2.3.1 `exportDataToSaveFile()` [1/3]

```
template<class T >
void calendar::dataInterface< T >::exportDataToSaveFile ( )
```

Zapisuje dane do plików.

Oto graf wywoływań tej funkcji:



6.2.3.2 `exportDataToSaveFile()` [2/3]

```
void calendar::dataInterface< event * >::exportDataToSaveFile ( )
```

6.2.3.3 `exportDataToSaveFile()` [3/3]

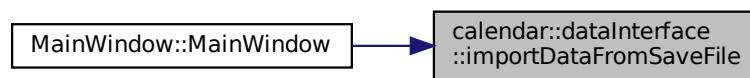
```
void calendar::dataInterface< todoElement >::exportDataToSaveFile ( )
```

6.2.3.4 `importDataFromSaveFile()` [1/3]

```
template<class T >
void calendar::dataInterface< T >::importDataFromSaveFile ( )
```

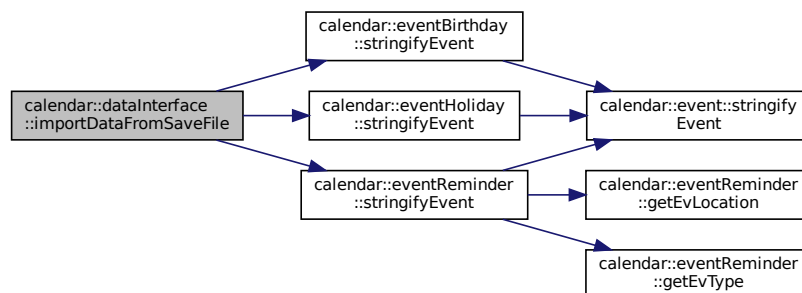
Pobiera dane z plików.

Oto graf wywołań tej funkcji:

**6.2.3.5 `importDataFromSaveFile()`** [2/3]

```
void calendar::dataInterface< event * >::importDataFromSaveFile ( )
```

Oto graf wywołań dla tej funkcji:



6.2.3.6 importDataFromSaveFile() [3/3]

```
void calendar::dataInterface< todoElement >::importDataFromSaveFile ( )
```

6.2.3.7 loadDataFromInterface()

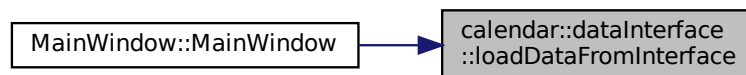
```
template<class T >
std::vector< T > calendar::dataInterface< T >::loadDataFromInterface
```

Pobiera dane z interfejsu.

Zwraca

std::vector<T> lista pobranych danych

Oto graf wywoływań tej funkcji:



6.2.3.8 loadDataToInterface()

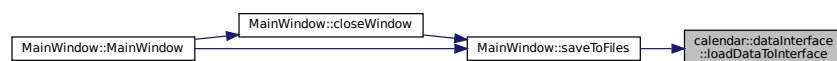
```
template<class T >
void calendar::dataInterface< T >::loadDataToInterface (
    std::vector< T > importedList )
```

Pobiera dane do interfejsu.

Parametry

<i>importedList</i>	lista elementów do importu
---------------------	----------------------------

Oto graf wywoływań tej funkcji:



Dokumentacja dla tej klasy została wygenerowana z pliku:

- `includes/dataInterface.h`

6.3 Dokumentacja klasy `calendar::date`

klasa obsługująca datę.

```
#include <date.h>
```

Metody publiczne

- `date ()`
konstruktor bezargumentowy, przypisuje obiektowi aktualną datę.
- `date (const unsigned short &day, const monthModel &month, const unsigned long int &year)`
konstruktor trójargumentowy, przypisuje obiektowi podaną datę.
- `const unsigned short getDay () const`
pobiera dzień miesiąca.
- `void setDay (const unsigned short &newDay)`
ustawia dzień miesiąca.
- `const weekDayModel getWeekDay () const`
pobiera dzień tygodnia.
- `const monthModel getMonth () const`
pobiera miesiąc.
- `void setMonth (const monthModel &newMonth)`
ustawia miesiąc.
- `const unsigned long int getYear () const`
pobiera rok.
- `void setYear (const unsigned long int &newYear)`
ustawia rok.
- `void setCurrentDate ()`
ustawia bieżącą datę.
- `void incrementMonth ()`
Inkrementuje miesiąc.
- `void decrementMonth ()`
Dekrementuje miesiąc.
- `void incrementWeek ()`
Inkrementuje tydzień.
- `void decrementWeek ()`
Dekrementuje tydzień.
- `void setWeekNum (const int &newWeekNum)`
Ustawia określony numer tygodnia.
- `int getWeekNum () const noexcept`
Pobiera numer tygodnia.
- `bool operator== (const date &right)`
Operator równości.
- `bool operator!= (const date &right)`
Operator nierówności.
- `std::string stringify ()`
Opisuje obiekt daty jako string.
- `bool operator> (const date &right)`
- `bool operator< (const date &right)`
- `bool operator>= (const date &right)`
- `bool operator<= (const date &right)`

6.3.1 Opis szczegółowy

klasa obsługująca datę.

6.3.2 Dokumentacja konstruktora i destruktora

6.3.2.1 date() [1/2]

```
calendar::date::date ( )
```

konstruktor bezargumentowy, przypisuje obiektowi aktualną datę.

Oto graf wywołań dla tej funkcji:



6.3.2.2 date() [2/2]

```
calendar::date::date (
    const unsigned short & day,
    const monthModel & month,
    const unsigned long int & year )
```

konstruktor trójargumentowy, przypisuje obiektowi podaną datę.

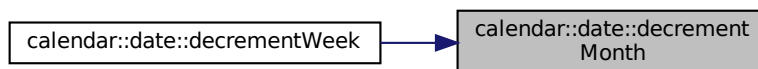
6.3.3 Dokumentacja funkcji składowych

6.3.3.1 `decrementMonth()`

```
void calendar::date::decrementMonth ( )
```

Dekrementuje miesiąc.

Oto graf wywołań tej funkcji:

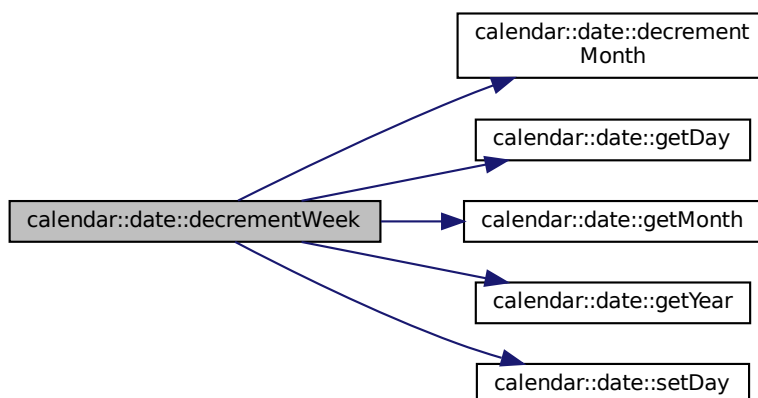


6.3.3.2 `decrementWeek()`

```
void calendar::date::decrementWeek ( )
```

Dekrementuje tydzień.

Oto graf wywołań dla tej funkcji:



6.3.3.3 `getDay()`

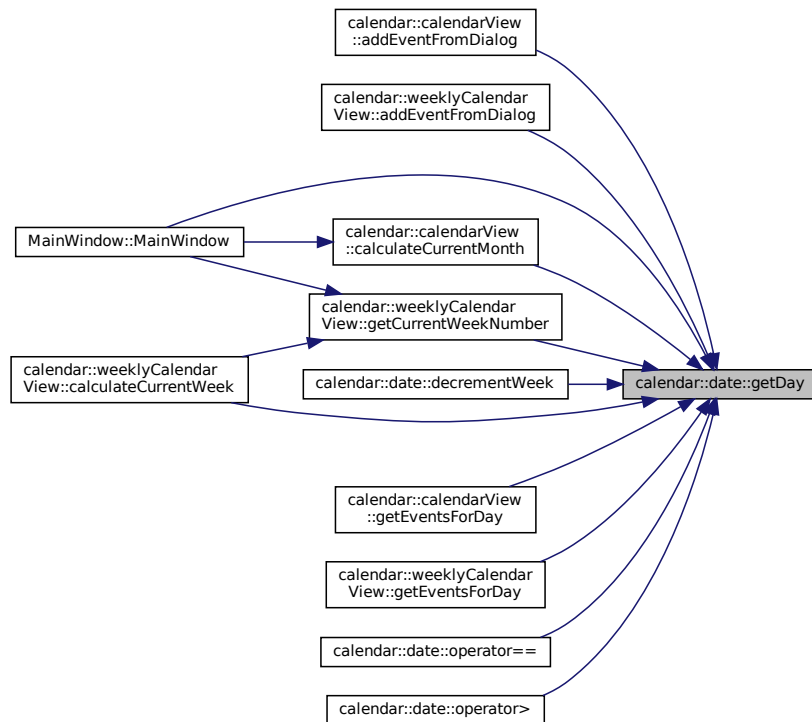
```
const unsigned short calendar::date::getDay ( ) const
```

pobiera dzień miesiąca.

Zwraca

dzień miesiąca

Oto graf wywołań tej funkcji:



6.3.3.4 `getMonth()`

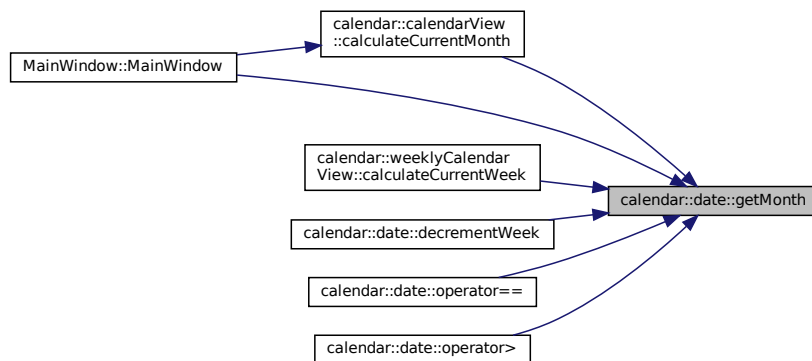
```
const calendar::monthModel calendar::date::getMonth ( ) const
```

pobiera miesiąc.

Zwraca

miesiąc

Oto graf wywoływań tej funkcji:



6.3.3.5 `getWeekDay()`

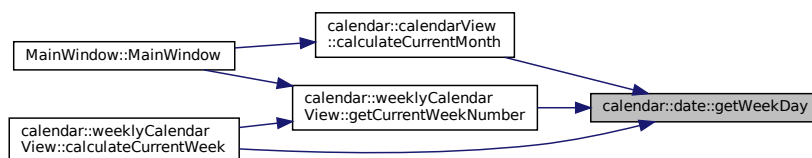
```
const calendar::weekDayModel calendar::date::getWeekDay ( ) const
```

pobiera dzień tygodnia.

Zwraca

dzień tygodnia

Oto graf wywoływań tej funkcji:



6.3.3.6 getWeekNum()

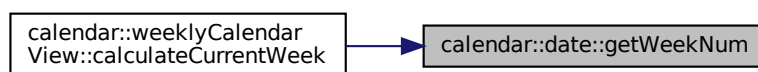
```
int calendar::date::getWeekNum ( ) const [noexcept]
```

Pobiera numer tygodnia.

Zwraca

int numer tygodnia

Oto graf wywołań tej funkcji:



6.3.3.7 getYear()

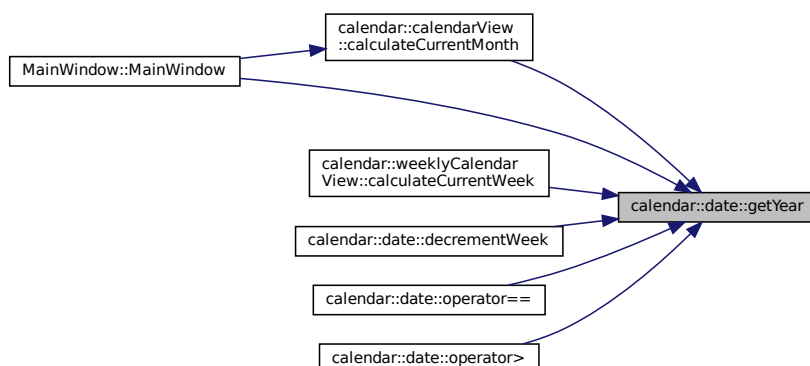
```
const unsigned long int calendar::date::getYear ( ) const
```

pobiera rok.

Zwraca

rok

Oto graf wywołań tej funkcji:



6.3.3.8 `incrementMonth()`

```
void calendar::date::incrementMonth ( )
```

Inkrementuje miesiąc.

6.3.3.9 `incrementWeek()`

```
void calendar::date::incrementWeek ( )
```

Inkrementuje tydzień.

6.3.3.10 `operator!=()`

```
bool calendar::date::operator!= (
    const date & right )
```

Operator nierówności.

6.3.3.11 `operator<()`

```
bool calendar::date::operator< (
    const date & right )
```

6.3.3.12 `operator<=()`

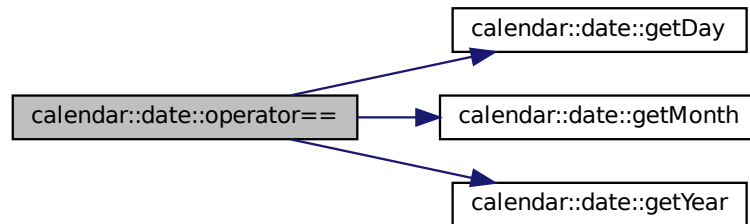
```
bool calendar::date::operator<= (
    const date & right )
```

6.3.3.13 operator==()

```
bool calendar::date::operator== (
    const date & right )
```

Operator równości.

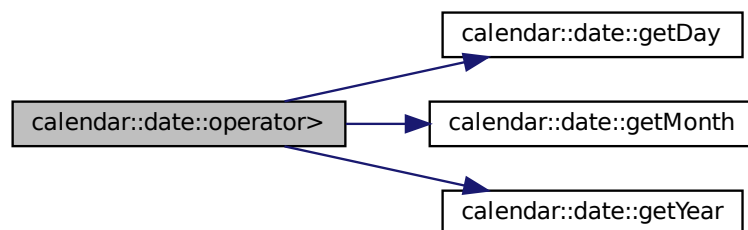
Oto graf wywołań dla tej funkcji:



6.3.3.14 operator>()

```
bool calendar::date::operator> (
    const date & right )
```

Oto graf wywołań dla tej funkcji:



6.3.3.15 operator>=()

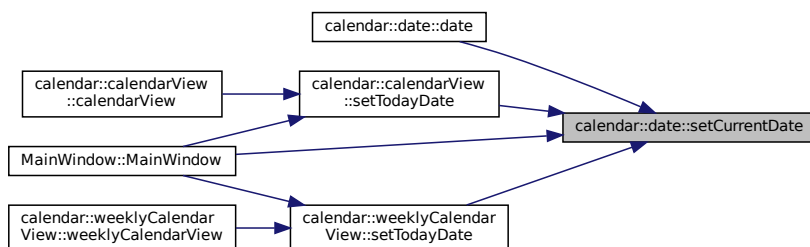
```
bool calendar::date::operator>= (
    const date & right )
```

6.3.3.16 `setCurrentDate()`

```
void calendar::date::setCurrentDate ( )
```

ustawia bieżącą datę.

Oto graf wywołań tej funkcji:

**6.3.3.17 `setDay()`**

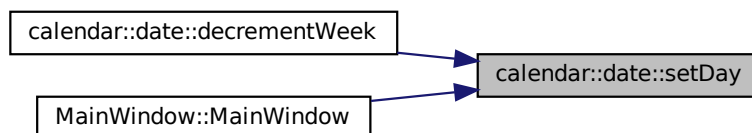
```
void calendar::date::setDay (
    const unsigned short & newDay )
```

ustawia dzień miesiąca.

Parametry

<i>newDay</i>	nowy dzień miesiąca
---------------	---------------------

Oto graf wywołań tej funkcji:



6.3.3.18 setMonth()

```
void calendar::date::setMonth (
    const monthModel & newMonth )
```

ustawia miesiąc.

Parametry

<i>newMonth</i>	nowy miesiąc do ustawienia
-----------------	----------------------------

Oto graf wywoływań tej funkcji:



6.3.3.19 setWeekNum()

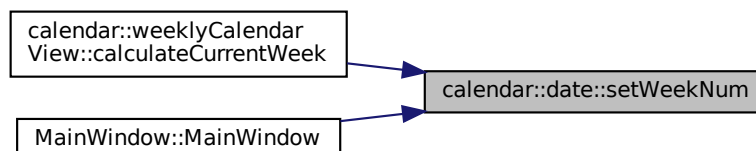
```
void calendar::date::setWeekNum (
    const int & newWeekNum )
```

Ustawia określony numer tygodnia.

Parametry

<i>newWeekNum</i>	numer tygodnia do ustawienia
-------------------	------------------------------

Oto graf wywoływań tej funkcji:



6.3.3.20 `setYear()`

```
void calendar::date::setYear (
    const unsigned long int & newYear )
```

ustawia rok.

Parametry

<i>newYear</i>	nowy rok
----------------	----------

Oto graf wywołań tej funkcji:

**6.3.3.21 `stringify()`**

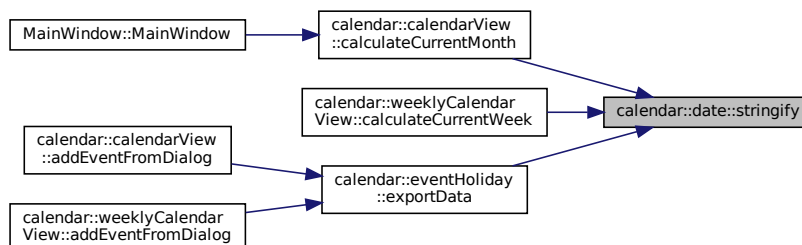
```
std::string calendar::date::stringify ( )
```

Opisuje obiekt daty jako string.

Zwraca

`std::string` opis obiektu

Oto graf wywołań tej funkcji:



Dokumentacja dla tej klasy została wygenerowana z plików:

- [includes/date.h](#)
- [res/date.cpp](#)

6.4 Dokumentacja klasy `calendar::day`

```
#include <dayModel.h>
```

Metody publiczne

- `day ()`
Konstruktor tworzący pusty obiekt o dacie 1.1.2012.
- `day (const date &newDate)`
Konstruktor przyjmujący datę
- `date getDate () const noexcept`
Pobiera datę dnia.
- `void setDate (const date &newDate)`
Ustawia datę dnia.
- `void addEvent (event *newEvent)`
Dodaje nowe wydarzenie.
- `void deleteEvent (const event &delEvent)`
usuwa podane wydarzenie z listy
- `std::vector< event * > getEvents () const noexcept`
Pobiera wydarzenia danego dnia.

6.4.1 Dokumentacja konstruktora i destruktor

6.4.1.1 `day()` [1/2]

```
calendar::day::day ( )
```

Konstruktor tworzący pusty obiekt o dacie 1.1.2012.

Construct a new day object. Oto graf wywołań dla tej funkcji:



6.4.1.2 `day()` [2/2]

```
calendar::day::day (
    const date & newDate )
```

Konstruktor przyjmujący datę

Parametry

<code>newDate</code>	nowa data dnia
----------------------	----------------

Oto graf wywołań dla tej funkcji:



6.4.2 Dokumentacja funkcji składowych

6.4.2.1 `addEvent()`

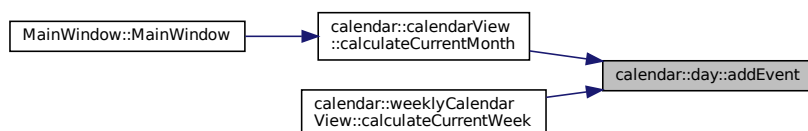
```
void calendar::day::addEvent (
    event * newEvent )
```

Dodaje nowe wydarzenie.

Parametry

<code>newEvent</code>	nowe wydarzenie
-----------------------	-----------------

Oto graf wywoływań tej funkcji:



6.4.2.2 `deleteEvent()`

```
void calendar::day::deleteEvent (
    const event & delEvent )
```

usuwa podane wydarzenie z listy

Parametry

<code>delEvent</code>	wydarzenie do usunięcia
-----------------------	-------------------------

6.4.2.3 getDate()

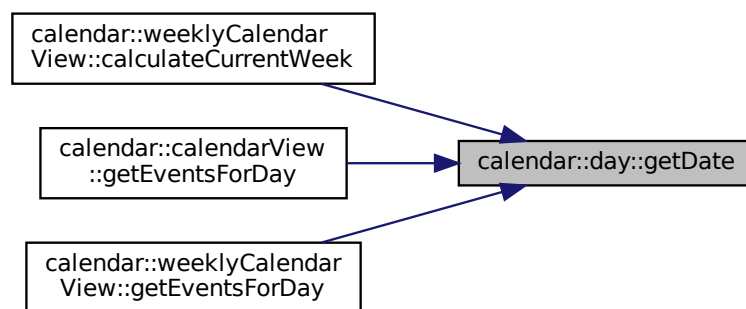
```
date calendar::day::getDate ( ) const [noexcept]
```

Pobiera datę dnia.

Zwraca

data

Oto graf wywoływań tej funkcji:



6.4.2.4 getEvents()

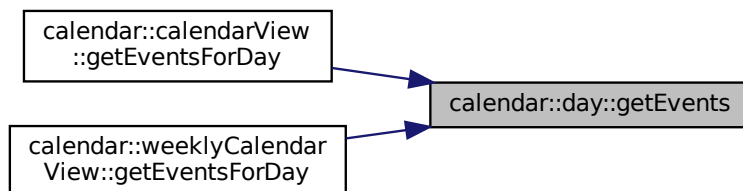
```
std::vector< event * > calendar::day::getEvents ( ) const [noexcept]
```

Pobiera wydarzenia danego dnia.

Zwraca

`std::vector<date>` wydarzenia

Oto graf wywoływań tej funkcji:

**6.4.2.5 setDate()**

```
void calendar::day::setDate (
    const date & newDate )
```

Ustawia datę dnia.

Parametry

<code>newDate</code>	nowa data
----------------------	-----------

Oto graf wywoływań tej funkcji:



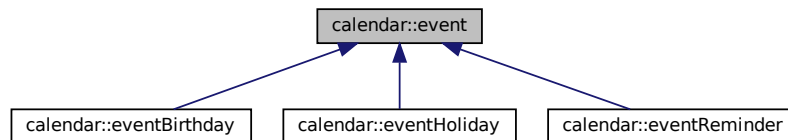
Dokumentacja dla tej klasy została wygenerowana z plików:

- `includes/dayModel.h`
- `res/dayModel.cpp`

6.5 Dokumentacja klasy `calendar::event`

```
#include <eventModel.h>
```

Diagram dziedziczenia dla `calendar::event`



Metody publiczne

- `event ()`
konstruktor bezargumentowy, tworzy obiekt z datą 1.01.2012, nazwą NULL i bez powtarzania
- `event (const date &newDate, const std::string &newName, const std::string &newEvDescription, const repeatCycle &newRepeat)`
konstruktor trójargumentowy, tworzy obiekt o podanych wartościach
- `date getEvDate () const noexcept`
pobiera datę wydarzenia
- `void setEvDate (const date &newDate)`
ustawia datę wydarzenia
- `std::string getEvName () const noexcept`
pobiera nazwę wydarzenia
- `void setEvName (const std::string &newEvName)`
ustawia nazwę wydarzenia
- `repeatCycle getEvRepeat () const noexcept`
pobiera cykl powtarzania
- `virtual void setEvRepeat (const repeatCycle &newEvRepeat)`
ustawia nowy cykl powtarzania
- `std::string getEvDescription () const noexcept`
- `void setEvDescription (const std::string &newEvDescription)`
ustawia opis wydarzenia
- `virtual std::string stringifyEvent () const noexcept`
pobiera odpowiednie dane dla każdego z elementów i przetwarza je w std::string wyświetlany w GUI aplikacji
- `virtual std::string exportData () const noexcept`
Eksportuje dane do zapisu.

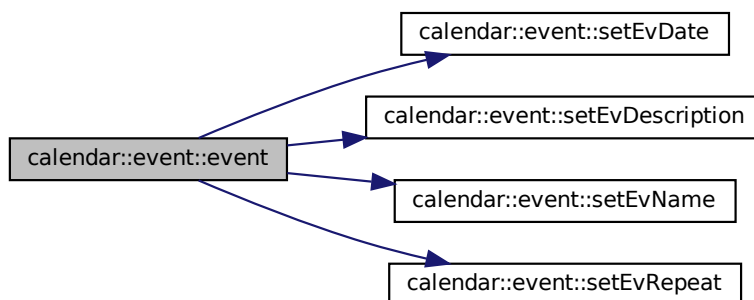
6.5.1 Dokumentacja konstruktora i destruktor

6.5.1.1 `event()` [1/2]

```
calendar::event::event ( )
```

konstruktor bezargumentowy, tworzy obiekt z datą 1.01.2012, nazwą NULL i bez powtarzania

Oto graf wywołań dla tej funkcji:



6.5.1.2 `event()` [2/2]

```
calendar::event::event (
    const date & newDate,
    const std::string & newName,
    const std::string & newEvDescription,
    const repeatCycle & newRepeat )
```

konstruktor trójargumentowy, tworzy obiekt o podanych wartościach

Parametry

<i>newDate</i>	data wydarzenia
<i>newName</i>	nazwa wydarzenia
<i>newRepeat</i>	powtarzanie wydarzenia

6.5.2 Dokumentacja funkcji składowych

6.5.2.1 `exportData()`

```
std::string calendar::event::exportData ( ) const [virtual], [noexcept]
```

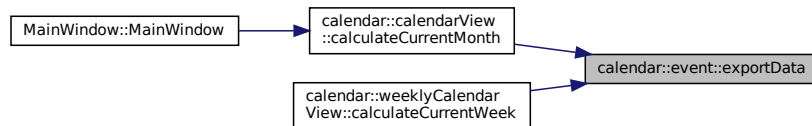
Eksportuje dane do zapisu.

Zwraca

std::string wyeksportowane dane

Reimplementowana w [calendar::eventReminder](#), [calendar::eventHoliday](#) i [calendar::eventBirthday](#).

Oto graf wywoływań tej funkcji:

**6.5.2.2 getEvDate()**

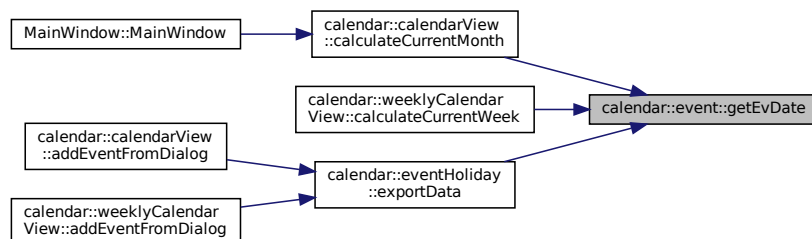
```
calendar::date calendar::event::getEvDate ( ) const [noexcept]
```

pobiera datę wydarzenia

Zwraca

data wydarzenia

Oto graf wywoływań tej funkcji:



6.5.2.3 `getEvDescription()`

```
std::string calendar::event::getEvDescription ( ) const [noexcept]
```

pobiera opis wydarzenia

Zwraca

opis wydarzenia

Oto graf wywołań tej funkcji:



6.5.2.4 `getEvName()`

```
std::string calendar::event::getEvName ( ) const [noexcept]
```

pobiera nazwę wydarzenia

Zwraca

nazwa wydarzenia

Oto graf wywołań tej funkcji:



6.5.2.5 getEvRepeat()

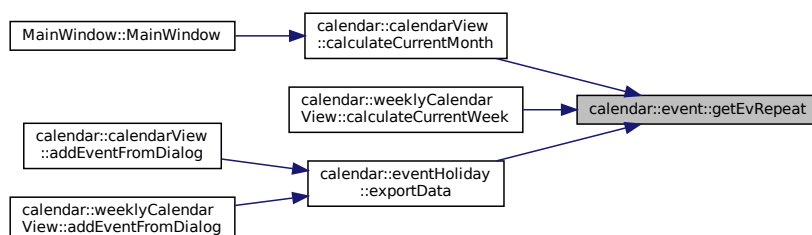
```
calendar::repeatCycle calendar::event::getEvRepeat ( ) const [noexcept]
```

pobiera cykl powtarzania

Zwraca

cykl powtarzania

Oto graf wywołań tej funkcji:



6.5.2.6 setEvDate()

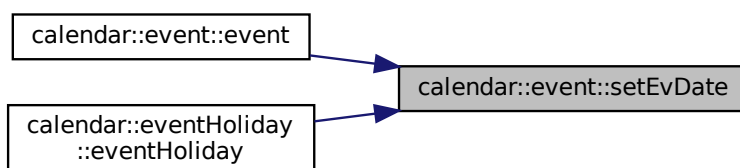
```
void calendar::event::setEvDate (
    const date & newDate )
```

ustawia datę wydarzenia

Parametry

<i>newDate</i>	nowa data do ustawienia
----------------	-------------------------

Oto graf wywołań tej funkcji:



6.5.2.7 setEvDescription()

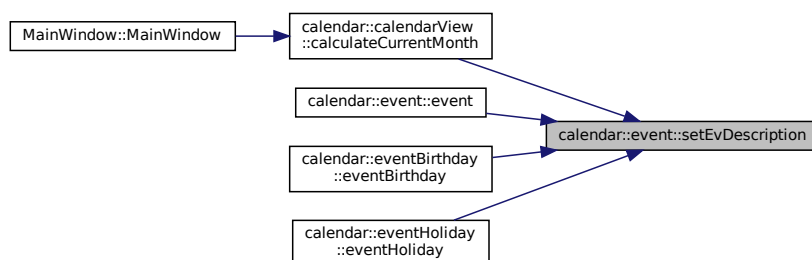
```
void calendar::event::setEvDescription (
    const std::string & newEvDescription )
```

ustawia opis wydarzenia

Parametry

<i>newEvDescription</i>	nowy opis wydarzenia
-------------------------	----------------------

Oto graf wywoływań tej funkcji:



6.5.2.8 setEvName()

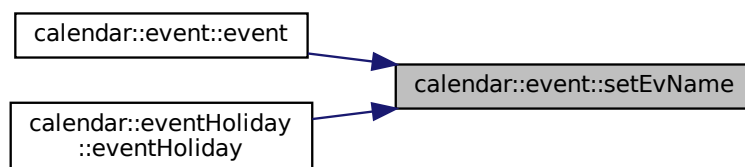
```
void calendar::event::setEvName (
    const std::string & newEvName )
```

ustawia nazwę wydarzenia

Parametry

<i>newEvName</i>	nowa nazwa wydarzenia
------------------	-----------------------

Oto graf wywoływań tej funkcji:



6.5.2.9 setEvRepeat()

```
void calendar::event::setEvRepeat (
    const repeatCycle & newEvRepeat ) [virtual]
```

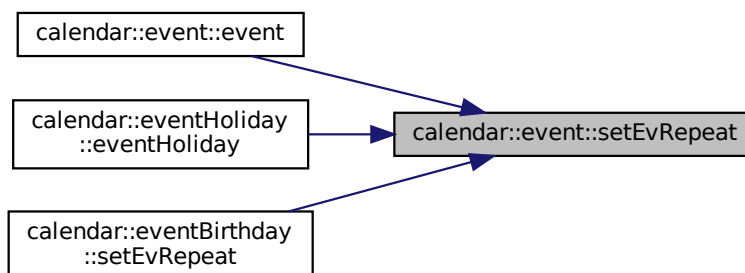
ustawia nowy cykl powtarzania

Parametry

<i>newEvRepeat</i>	nowy cykl powtarzania
--------------------	-----------------------

Reimplementowana w [calendar::eventBirthday](#).

Oto graf wywoływań tej funkcji:



6.5.2.10 `stringifyEvent()`

```
std::string calendar::event::stringifyEvent ( ) const [virtual], [noexcept]
```

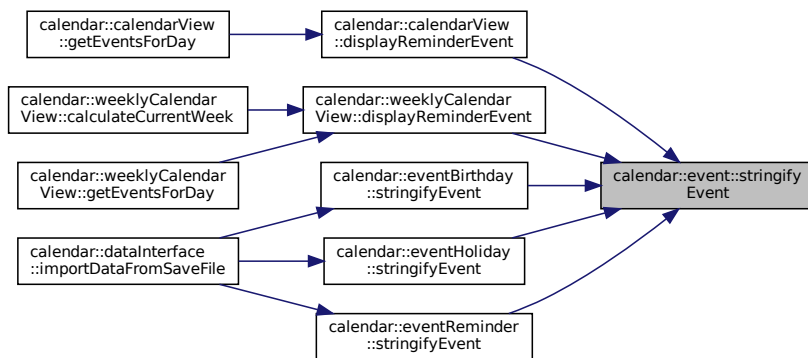
pobiera odpowiednie dane dla każdego z elementów i przetwarza je w `std::string` wyświetlany w GUI aplikacji

Zwraca

opis wydarzenia

Reimplementowana w `calendar::eventReminder`, `calendar::eventHoliday` i `calendar::eventBirthday`.

Oto graf wywołań tej funkcji:



Dokumentacja dla tej klasy została wygenerowana z plików:

- `includes/eventModel.h`
- `res/eventModel.cpp`

6.6 Dokumentacja klasy `calendar::eventBirthday`

```
#include <eventBirthdayModel.h>
```

Diagram dziedziczenia dla `calendar::eventBirthday`

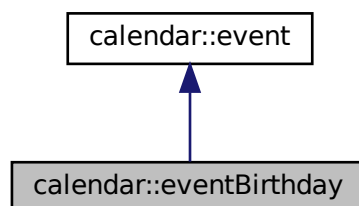
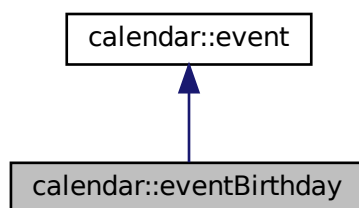


Diagram współpracy dla `calendar::eventBirthday`:



Metody publiczne

- `eventBirthday ()`
konstruktor bezargumentowy, tworzy pusty obiekt, wszystko ustawia na NULL
- `eventBirthday (const date &newDate, const std::string &newName, const repeatCycle &newRepeat, const std::string &newFirstName, const std::string &newLastName, const date &newBirthDate)`
konstruktor tworzący pełny obiekt klasy `eventBirthday`
- `std::pair< std::string, std::string > getPersonalData () const noexcept`
pobiera dane osoby mającej urodziny
- `void setPersonalData (const std::pair< std::string, std::string > &newPersonalData)`
ustawia dane osoby mającej urodziny
- `date getBirthDate () const noexcept`
pobiera dzień urodzin osoby
- `void setBirthDate (const date &newBirthDate)`
ustawia nowy dzień urodzin osoby
- `void setEvRepeat (const calendar::repeatCycle &newEvRepeat)`
redeclaration of setEvRepeat function
- `virtual std::string stringifyEvent () const noexcept`
deklaracja metody wirtualnej z klasy `event`
- `virtual std::string exportData () const noexcept`
Eksportuje dane do zapisu.

6.6.1 Dokumentacja konstruktora i destruktora

6.6.1.1 eventBirthday() [1/2]

```
calendar::eventBirthday::eventBirthday ( )
```

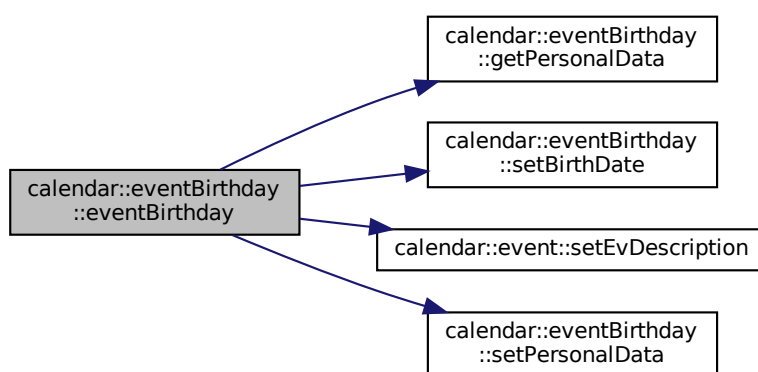
konstruktor bezargumentowy, tworzy pusty obiekt, wszystko ustawia na NULL

6.6.1.2 `eventBirthday()` [2/2]

```
calendar::eventBirthday::eventBirthday (
    const date & newDate,
    const std::string & newName,
    const repeatCycle & newRepeat,
    const std::string & newFirstName,
    const std::string & newLastName,
    const date & newBirthDate )
```

konstruktor tworzący pełny obiekt klasy `eventBirthday`

Oto graf wywołań dla tej funkcji:



6.6.2 Dokumentacja funkcji składowych

6.6.2.1 `exportData()`

```
std::string calendar::eventBirthday::exportData ( ) const [virtual], [noexcept]
```

Eksportuje dane do zapisu.

Zwraca

`std::string` wyeksportowane dane

Reimplementowana z `calendar::event`.

6.6.2.2 getBirthDate()

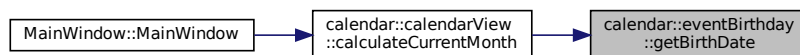
```
calendar::date calendar::eventBirthday::getBirthDate ( ) const [noexcept]
```

pobiera dzień urodzin osoby

Zwraca

data narodzin osoby

Oto graf wywoływań tej funkcji:



6.6.2.3 getPersonalData()

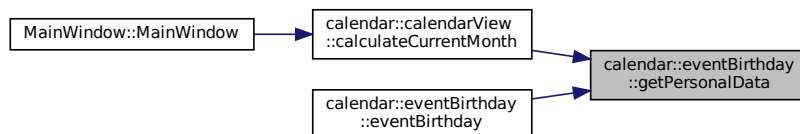
```
std::pair< std::string, std::string > calendar::eventBirthday::getPersonalData ( ) const [noexcept]
```

pobiera dane osoby mającej urodziny

Zwraca

para imię, nazwisko osoby

Oto graf wywoływań tej funkcji:



6.6.2.4 setBirthDate()

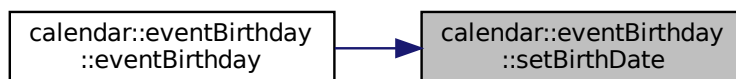
```
void calendar::eventBirthday::setBirthDate (   
    const date & newBirthDate )
```

ustawia nowy dzień urodzin osoby

Parametry

<i>newBirthDate</i>	nowa data narodzin osoby
---------------------	--------------------------

Oto graf wywołań tej funkcji:



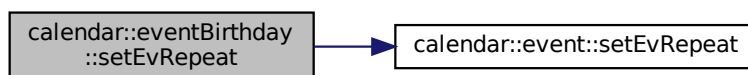
6.6.2.5 `setEvRepeat()`

```
void calendar::eventBirthday::setEvRepeat (
    const calendar::repeatCycle & newEvRepeat ) [virtual]
```

redeclaration of `setEvRepeat` function

Reimplementowana z [calendar::event](#).

Oto graf wywołań dla tej funkcji:



6.6.2.6 `setPersonalData()`

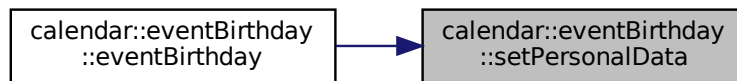
```
void calendar::eventBirthday::setPersonalData (
    const std::pair< std::string, std::string > & newPersonalData )
```

ustawia dane osoby mającej urodziny

Parametry

<i>newPersonalData</i>	nowe dane osoby
------------------------	-----------------

Oto graf wywoływań tej funkcji:



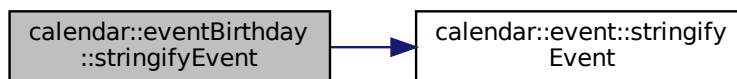
6.6.2.7 stringifyEvent()

```
std::string calendar::eventBirthday::stringifyEvent ( ) const [virtual], [noexcept]
```

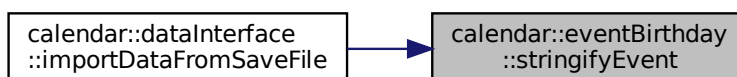
deklaracja metody wirtualnej z klasy event

Reimplementowana z [calendar::event](#).

Oto graf wywołań dla tej funkcji:



Oto graf wywoływań tej funkcji:



Dokumentacja dla tej klasy została wygenerowana z plików:

- [includes/eventBirthdayModel.h](#)
- [res/eventBirthdayModel.cpp](#)

6.7 Dokumentacja klasy `calendar::eventHoliday`

```
#include <eventHolidayModel.h>
```

Diagram dziedziczenia dla `calendar::eventHoliday`

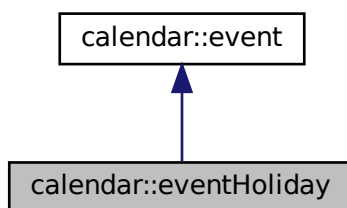
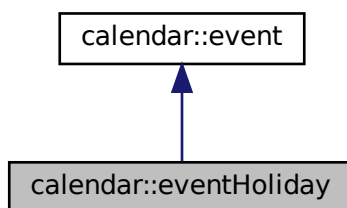


Diagram współpracy dla `calendar::eventHoliday`:



Metody publiczne

- `eventHoliday ()`
konstruktor bezargumentowy, tworzy pusty obiekt
- `eventHoliday (const date &newDate, const std::string &newName, const repeatCycle &newRepeat, const std::string &newEvDescription, const date &newEvBegin, const date &newEvEnd)`
konstruktor wieloargumentowy, tworzący pełny obiekt klasy `eventHoliday`
- `date getEvBegin () const noexcept`
pobiera początek trwania wydarzenia
- `void setEvBegin (const date &newEvBegin)`
ustawia początek trwania wydarzenia
- `date getEvEnd () const noexcept`
pobiera koniec trwania wydarzenia
- `void setEvEnd (const date &newEvEnd)`
ustawia koniec trwania wydarzenia
- `virtual std::string stringifyEvent () const noexcept`
deklaracja metody wirtualnej z klasy `event`
- `virtual std::string exportData () const noexcept`
Eksportuje dane do zapisu.

6.7.1 Dokumentacja konstruktora i destruktor

6.7.1.1 eventHoliday() [1/2]

```
calendar::eventHoliday::eventHoliday ( )
```

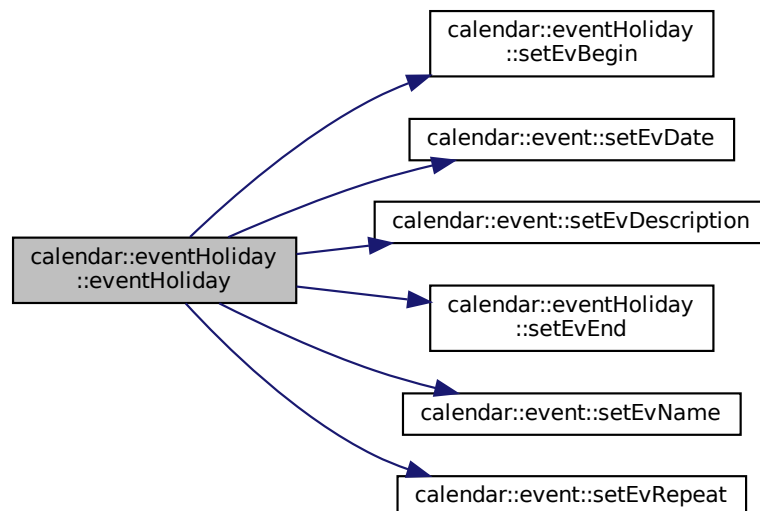
konstruktor bezargumentowy, tworzy pusty obiekt

6.7.1.2 eventHoliday() [2/2]

```
calendar::eventHoliday::eventHoliday (
    const date & newDate,
    const std::string & newName,
    const repeatCycle & newRepeat,
    const std::string & newEvDescription,
    const date & newEvBegin,
    const date & newEvEnd )
```

konstruktor wieloargumentowy, tworzący pełny obiekt klasy `eventHoliday`

Oto graf wywołań dla tej funkcji:



6.7.2 Dokumentacja funkcji składowych

6.7.2.1 `exportData()`

```
std::string calendar::eventHoliday::exportData ( ) const [virtual], [noexcept]
```

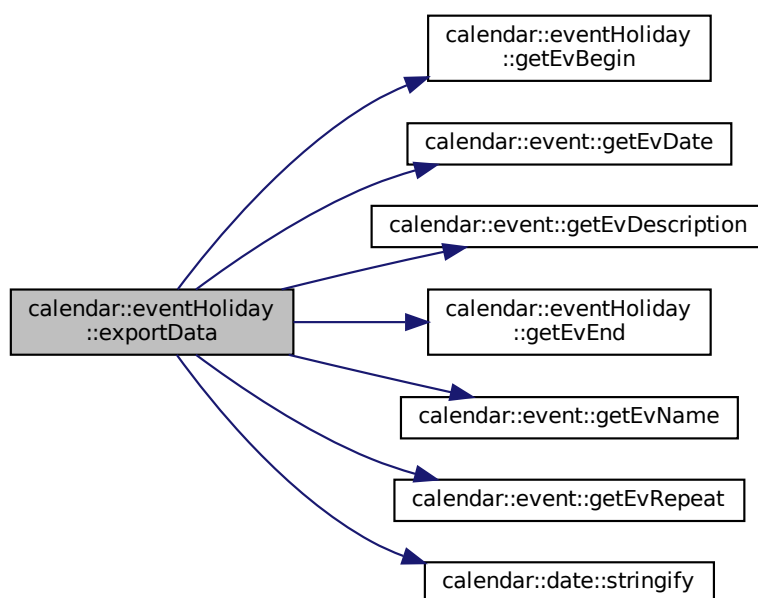
Eksportuje dane do zapisu.

Zwraca

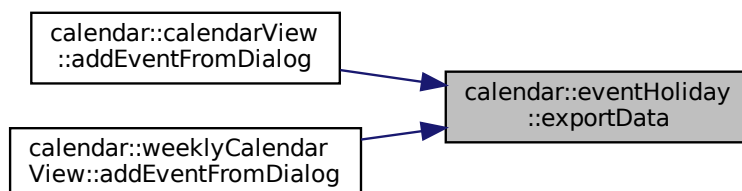
`std::string` wyeksportowane dane

Reimplementowana z [calendar::event](#).

Oto graf wywołań dla tej funkcji:



Oto graf wywoływań tej funkcji:



6.7.2.2 getEvBegin()

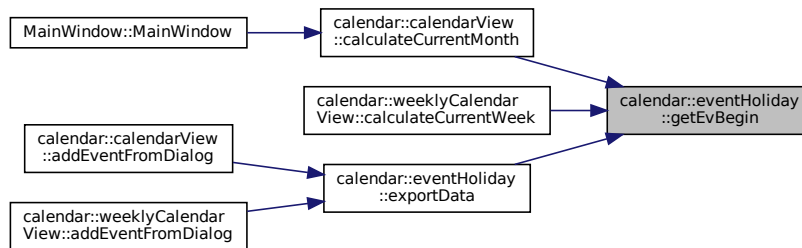
```
date calendar::eventHoliday::getEvBegin ( ) const [noexcept]
```

pobiera początek trwania wydarzenia

Zwraca

początek trwania wydarzenia

Oto graf wywoływań tej funkcji:



6.7.2.3 getEvEnd()

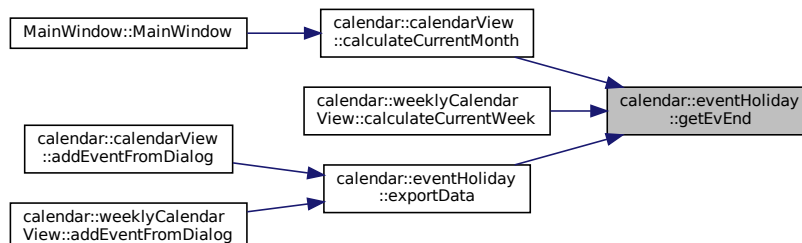
```
date calendar::eventHoliday::getEvEnd ( ) const [noexcept]
```

pobiera koniec trwania wydarzenia

Zwraca

koniec trwania wydarzenia

Oto graf wywoływań tej funkcji:



6.7.2.4 `setEvBegin()`

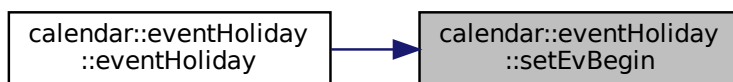
```
void calendar::eventHoliday::setEvBegin (
    const date & newEvBegin )
```

ustawia początek trwania wydarzenia

Parametry

<i>newEvBegin</i>	nowy początek
-------------------	---------------

Oto graf wywoływań tej funkcji:



6.7.2.5 setEvEnd()

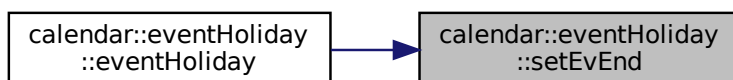
```
void calendar::eventHoliday::setEvEnd (
    const date & newEvEnd )
```

ustawia koniec trwania wydarzenia

Parametry

<i>newEvEnd</i>	nowy koniec
-----------------	-------------

Oto graf wywoływań tej funkcji:



6.7.2.6 stringifyEvent()

```
std::string calendar::eventHoliday::stringifyEvent ( ) const [virtual], [noexcept]
```

deklaracja metody wirtualnej z klasy event

Reimplementowana z `calendar::event`.

Oto graf wywołań dla tej funkcji:



Oto graf wywoływań tej funkcji:



Dokumentacja dla tej klasy została wygenerowana z plików:

- `includes/eventHolidayModel.h`
- `res/eventHolidayModel.cpp`

6.8 Dokumentacja klasy `calendar::eventReminder`

```
#include <eventReminderModel.h>
```

Diagram dziedziczenia dla `calendar::eventReminder`

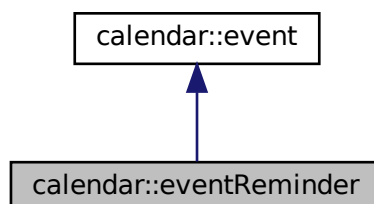
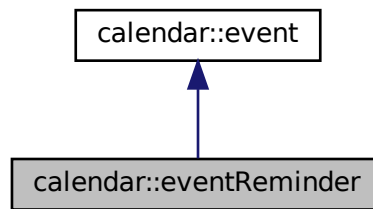


Diagram współpracy dla `calendar::eventReminder`:



Metody publiczne

- `eventReminder ()`
konstruktor bezargumentowy, tworzy pusty obiekt o wszystkich polach NULL
- `eventReminder (const date &newDate, const std::string &newName, const repeatCycle &newRepeat, const std::string &newEvLocation, const std::string &newEvType)`
konstruktor wieloargumentowy, tworzy obiekt o wszystkich właściwościach
- `std::string getEvLocation () const noexcept`
pobiera lokalizację wydarzenia
- `void setEvLocation (const std::string &newEvLocation)`
ustawia nową lokalizację wydarzenia
- `std::string getEvType () const noexcept`
pobiera typ wydarzenia
- `void setEvType (const std::string &newEvType)`
ustawia nowy typ wydarzenia
- `virtual std::string stringifyEvent () const noexcept`
deklaracja metody wirtualnej z klasy event
- `virtual std::string exportData () const noexcept`
Eksportuje dane do zapisu.

6.8.1 Dokumentacja konstruktora i destruktora

6.8.1.1 eventReminder() [1/2]

```
calendar::eventReminder::eventReminder ( )
```

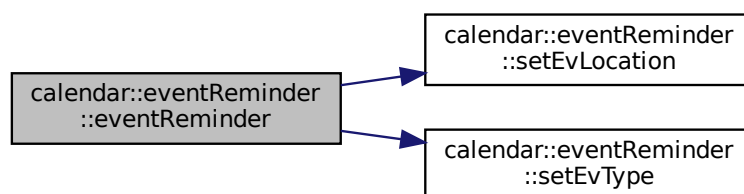
konstruktor bezargumentowy, tworzy pusty obiekt o wszystkich polach NULL

6.8.1.2 `eventReminder()` [2/2]

```
calendar::eventReminder::eventReminder (
    const date & newDate,
    const std::string & newName,
    const repeatCycle & newRepeat,
    const std::string & newEvLocation,
    const std::string & newEvType )
```

konstruktor wieloargumentowy, tworzy obiekt o wszystkich właściwościach

Oto graf wywołań dla tej funkcji:



6.8.2 Dokumentacja funkcji składowych

6.8.2.1 `exportData()`

```
std::string calendar::eventReminder::exportData ( ) const [virtual], [noexcept]
```

Eksportuje dane do zapisu.

Zwraca

`std::string` wyeksportowane dane

Reimplementowana z `calendar::event`.

6.8.2.2 getEvLocation()

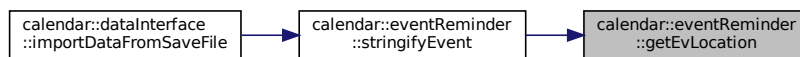
```
std::string calendar::eventReminder::getEvLocation ( ) const [noexcept]
```

pobiera lokalizację wydarzenia

Zwraca

lokalizacja wydarzenia

Oto graf wywołań tej funkcji:



6.8.2.3 getEvType()

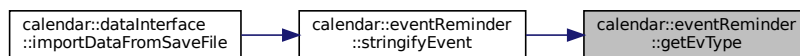
```
std::string calendar::eventReminder::getEvType ( ) const [noexcept]
```

pobiera typ wydarzenia

Zwraca

typ wydarzenia

Oto graf wywołań tej funkcji:



6.8.2.4 setEvLocation()

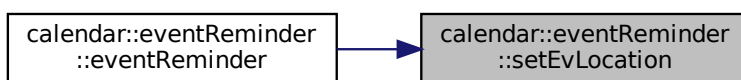
```
void calendar::eventReminder::setEvLocation (
    const std::string & newEvLocation )
```

ustawia nową lokalizację wydarzenia

Parametry

<code>newEvLocation</code>	nowa lokalizacja
----------------------------	------------------

Oto graf wywoływań tej funkcji:



6.8.2.5 `setEvType()`

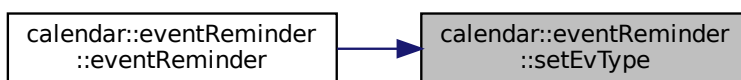
```
void calendar::eventReminder::setEvType (
    const std::string & newEvType )
```

ustawia nowy typ wydarzenia

Parametry

<code>newEvType</code>	nowy typ wydarzenia
------------------------	---------------------

Oto graf wywoływań tej funkcji:



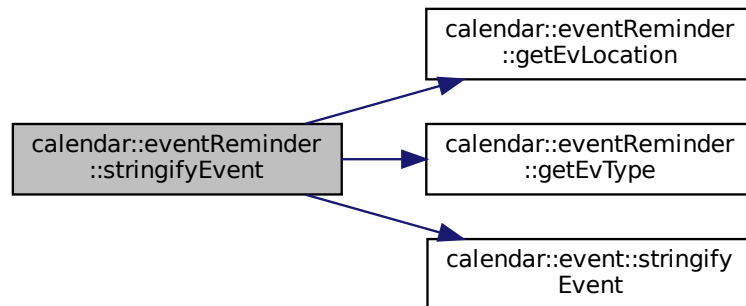
6.8.2.6 `stringifyEvent()`

```
std::string calendar::eventReminder::stringifyEvent ( ) const [virtual], [noexcept]
```

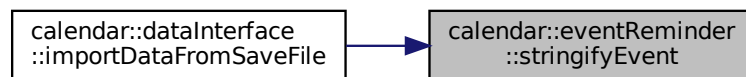
deklaracja metody wirtualnej z klasy `event`

Reimplementowana z [calendar::event](#).

Oto graf wywołań dla tej funkcji:



Oto graf wywoływań tej funkcji:



Dokumentacja dla tej klasy została wygenerowana z plików:

- [includes/eventReminderModel.h](#)
- [res/eventReminderModel.cpp](#)

6.9 Dokumentacja klasy MainWindow

```
#include <mainwindow.h>
```

Diagram dziedziczenia dla MainWindow

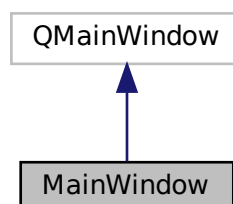
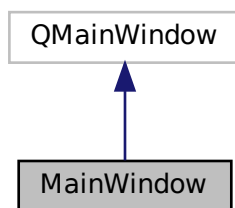


Diagram współpracy dla MainWindow:



Metody publiczne

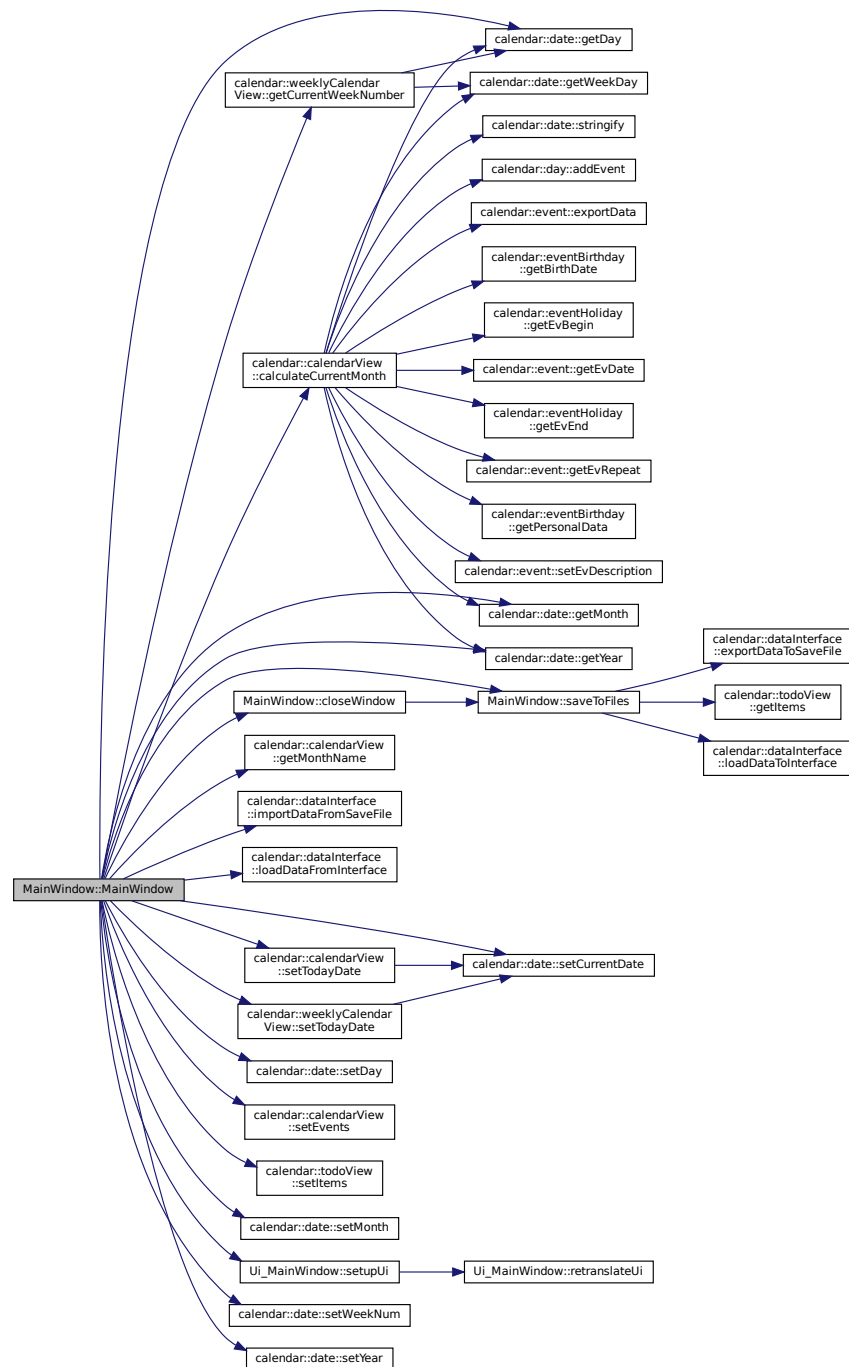
- [MainWindow](#) (QWidget *parent=nullptr)
- [~MainWindow](#) ()
- void [saveToFiles](#) ()
- void [closeWindow](#) ()

6.9.1 Dokumentacja konstruktora i destruktora

6.9.1.1 MainWindow()

```
MainWindow::MainWindow (  
    QWidget * parent = nullptr )
```

Oto graf wywołań dla tej funkcji:



6.9.1.2 ~MainWindow()

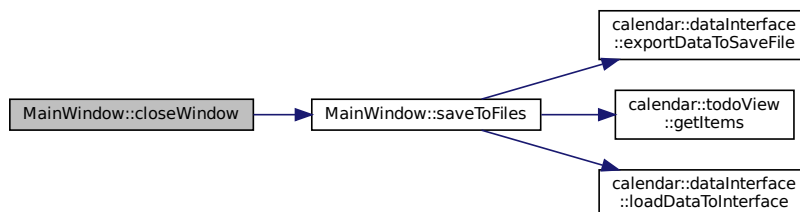
```
MainWindow::~MainWindow ( )
```

6.9.2 Dokumentacja funkcji składowych

6.9.2.1 closeWindow()

```
void MainWindow::closeWindow ( )
```

Oto graf wywołań dla tej funkcji:



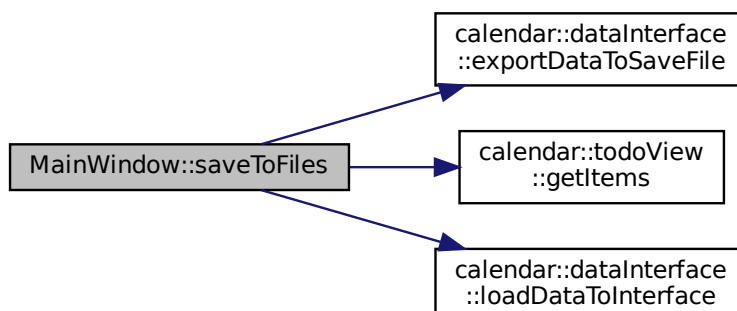
Oto graf wywoływań tej funkcji:



6.9.2.2 saveToFiles()

```
void MainWindow::saveToFiles ( )
```

Oto graf wywołań dla tej funkcji:



Oto graf wywoływań tej funkcji:



Dokumentacja dla tej klasy została wygenerowana z plików:

- [mainwindow.h](#)
- [mainwindow.cpp](#)

6.10 Dokumentacja klasy Ui::MainWindow

```
#include <ui_mainwindow.h>
```

Diagram dziedziczenia dla `Ui::MainWindow`

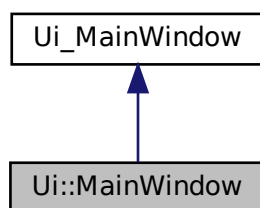
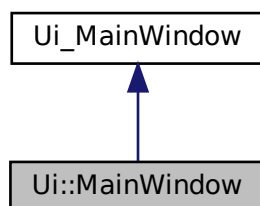


Diagram współpracy dla `Ui::MainWindow`:



Dodatkowe Dziedziczone Składowe

Dokumentacja dla tej klasy została wygenerowana z pliku:

- [calendar_autogen/include/ui_mainwindow.h](#)

6.11 Dokumentacja struktury qt_meta_stringdata_MainWindow_t

Atrybuty publiczne

- QByteArrayData [data](#) [19]
- char [stringdata0](#) [363]

6.11.1 Dokumentacja atrybutów składowych

6.11.1.1 data

```
QByteArrayData qt_meta_stringdata_MainWindow_t::data[19]
```

6.11.1.2 stringdata0

```
char qt_meta_stringdata_MainWindow_t::stringdata0[363]
```

Dokumentacja dla tej struktury została wygenerowana z pliku:

- [calendar_autogen/EWIEGA46WW/moc_mainwindow.cpp](#)

6.12 Dokumentacja klasy calendar::todoElement

klasa przechowująca elementy listy zadań do zrobienia

```
#include <todoElement.h>
```

Metody publiczne

- `todoElement ()`
Konstruktor bezargumentowy, tworzy obiekt ignorowany przez widok (position=0, dataRecord=NULL)
- `todoElement (const unsigned long int &position, const std::string &dataRecord)`
Właściwy konstruktor dwuargumentowy.
- `const unsigned long int &getPosition () const`
Pobiera wartość pola position (pozycję elementu na liście)
- `void setPosition (const unsigned long int &newPosition)`
Ustawia wartość pola position (pozycję elementu na liście)
- `const std::string &getDataRecord () const`
Pobiera wartość pola dataRecord.
- `void setDataRecord (const std::string &newDataRecord)`
Ustawia wartość pola dataRecord.
- `void incrementPosition ()`
Inkrementuje pozycję elementu.
- `void decrementPosition ()`
Dekrementuje pozycję elementu.
- `std::string exportData () const noexcept`
Eksportuje dane do zapisu.

6.12.1 Opis szczegółowy

klasa przechowująca elementy listy zadań do zrobienia

6.12.2 Dokumentacja konstruktora i destruktora

6.12.2.1 todoElement() [1/2]

```
calendar::todoElement::todoElement ( )
```

Konstruktor bezargumentowy, tworzy obiekt ignorowany przez widok (position=0, dataRecord=NULL)

6.12.2.2 todoElement() [2/2]

```
calendar::todoElement::todoElement (
    const unsigned long int & position,
    const std::string & dataRecord )
```

Właściwy konstruktor dwuargumentowy.

Parametry

<i>position</i>	pozycja elementu na liście
<i>dataRecord</i>	rekord dodawany do listy

6.12.3 Dokumentacja funkcji składowych

6.12.3.1 `decrementPosition()`

```
void calendar::todoElement::decrementPosition ( )
```

Dekrementuje pozycję elementu.

6.12.3.2 `exportData()`

```
std::string calendar::todoElement::exportData ( ) const [noexcept]
```

Eksportuje dane do zapisu.

Zwraca

`std::string` wyeksportowane dane

6.12.3.3 `getDataRecord()`

```
const std::string & calendar::todoElement::getDataRecord ( ) const
```

Pobiera wartość pola `dataRecord`.

Zwraca

`const std::string&` rekord danego elementu listy

6.12.3.4 getPosition()

```
const unsigned long & calendar::todoElement::getPosition ( ) const
```

Pobiera wartość pola position (pozycję elementu na liście)

Zwraca

const unsigned long int& pozycja elementu na liście

6.12.3.5 incrementPosition()

```
void calendar::todoElement::incrementPosition ( )
```

Inkrementuje pozycję elementu.

6.12.3.6 setDataRecord()

```
void calendar::todoElement::setDataRecord (
    const std::string & newDataRecord )
```

Ustawia wartość pola dataRecord.

Parametry

<i>newDataRecord</i>	nowa wartość rekordu danych elementu listy
----------------------	--

6.12.3.7 setPosition()

```
void calendar::todoElement::setPosition (
    const unsigned long int & newPosition )
```

Ustawia wartość pola position (pozycję elementu na liście)

Parametry

<i>newPosition</i>	nowa pozycja elementu na liście
--------------------	---------------------------------

Dokumentacja dla tej klasy została wygenerowana z plików:

- [includes/todoElement.h](#)
- [res/todoElement.cpp](#)

6.13 Dokumentacja klasy `calendar::todoView`

Klasa opisująca widok elementów todo.

```
#include <todoView.h>
```

Metody publiczne

- void `addItem` (std::string *inputText*, QStandardItemModel **todoListModel*)
Dodaje element.
- void `deleteItem` (QListView **todoListView*, QStandardItemModel **todoListModel*)
Usuwa element.
- std::vector< `todoElement` > `getItems` ()
Pobiera elementy todo.
- void `setItems` (std::vector< `todoElement` > *newList*, QStandardItemModel **todoListModel*)
Ustawia elementy todo i wyświetla je.

6.13.1 Opis szczegółowy

Klasa opisująca widok elementów todo.

6.13.2 Dokumentacja funkcji składowych

6.13.2.1 `addItem()`

```
void calendar::todoView::addItem (  
    std::string inputText,  
    QStandardItemModel * todoListModel )
```

Dodaje element.

Parametry

<i>inputText</i>	tekst elementu
<i>todoListModel</i>	model widoku listy elementów

6.13.2.2 `deleteItem()`

```
void calendar::todoView::deleteItem (  
    QListView * todoListView,  
    QStandardItemModel * todoListModel )
```

Usuwa element.

Parametry

<i>todoListView</i>	widok listy elementów
<i>todoListModel</i>	model widoku listy elementów

6.13.2.3 `getItems()`

```
std::vector< todoElement > calendar::todoView::getItems ( )
```

Pobiera elementy todo.

Zwraca

`std::vector<todoElement>` elementy todo

Oto graf wywoływań tej funkcji:

6.13.2.4 `setItems()`

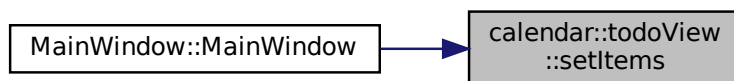
```
void calendar::todoView::setItems (
    std::vector< todoElement > newList,
    QStandardItemModel * todoListModel )
```

Ustawia elementy todo i wyświetla je.

Parametry

<i>newList</i>	nowa lista elementów todo
<i>todoListModel</i>	model widoku listy elementów

Oto graf wywoływań tej funkcji:



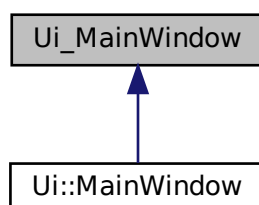
Dokumentacja dla tej klasy została wygenerowana z plików:

- [includes/todoView.h](#)
- [res/todoView.cpp](#)

6.14 Dokumentacja klasy Ui_MainWindow

```
#include <ui_mainwindow.h>
```

Diagram dziedziczenia dla Ui_MainWindow



Metody publiczne

- void [setUpUi](#) (QMainWindow *[MainWindow](#))
- void [retranslateUi](#) (QMainWindow *[MainWindow](#))

Atrybuty publiczne

- QAction * [saveAction](#)
- QAction * [closeAction](#)
- QWidget * [centralwidget](#)
- QWidget * [layoutWidget](#)
- QVBoxLayout * [verticalLayout_2](#)

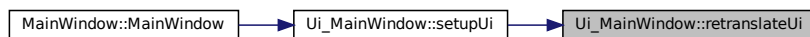
- QHBoxLayout * [horizontalLayout_2](#)
- QPushButton * [changeCalendarViewMonthly](#)
- QPushButton * [changeCalendarViewWeekly](#)
- QHBoxLayout * [horizontalLayout_3](#)
- QLabel * [yearLabel](#)
- QLabel * [monthLabel](#)
- QTableView * [monthTableView](#)
- QListView * [eventsListView](#)
- QHBoxLayout * [horizontalLayout](#)
- QWidget * [layoutWidget1](#)
- QVBoxLayout * [verticalLayout](#)
- QPlainTextEdit * [todoItemTextInput](#)
- QPushButton * [addTodoItemButton](#)
- QWidget * [layoutWidget2](#)
- QVBoxLayout * [verticalLayout_3](#)
- QLabel * [todoLabel](#)
- QListView * [listView](#)
- QPushButton * [prevMonth](#)
- QPushButton * [nextMonth](#)
- QMenuBar * [menubar](#)
- QMenu * [menutest](#)
- QStatusBar * [statusbar](#)

6.14.1 Dokumentacja funkcji składowych

6.14.1.1 retranslateUi()

```
void Ui_MainWindow::retranslateUi (  
    QMainWindow * MainWindow ) [inline]
```

Oto graf wywołań tej funkcji:



6.14.1.2 setupUi()

```
void Ui_MainWindow::setupUi (
    QMainWindow * MainWindow ) [inline]
```

Oto graf wywołań dla tej funkcji:



Oto graf wywoływań tej funkcji:



6.14.2 Dokumentacja atrybutów składowych

6.14.2.1 addTodoItemButton

```
QPushButton* Ui_MainWindow::addTodoItemButton
```

6.14.2.2 centralwidget

```
QWidget* Ui_MainWindow::centralwidget
```

6.14.2.3 changeCalendarViewMonthly

```
QPushButton* Ui_MainWindow::changeCalendarViewMonthly
```

6.14.2.4 `changeCalendarViewWeekly`

```
QPushButton* Ui_MainWindow::changeCalendarViewWeekly
```

6.14.2.5 `closeAction`

```
QAction* Ui_MainWindow::closeAction
```

6.14.2.6 `eventsListView`

```
QListView* Ui_MainWindow::eventsListView
```

6.14.2.7 `horizontalLayout`

```
QHBoxLayout* Ui_MainWindow::horizontalLayout
```

6.14.2.8 `horizontalLayout_2`

```
QHBoxLayout* Ui_MainWindow::horizontalLayout_2
```

6.14.2.9 `horizontalLayout_3`

```
QHBoxLayout* Ui_MainWindow::horizontalLayout_3
```

6.14.2.10 `layoutWidget`

```
QWidget* Ui_MainWindow::layoutWidget
```

6.14.2.11 `layoutWidget1`

```
QWidget* Ui_MainWindow::layoutWidget1
```


6.14.2.12 layoutWidget2

```
QWidget* Ui_MainWindow::layoutWidget2
```

6.14.2.13 listView

```
QListView* Ui_MainWindow::listView
```

6.14.2.14 menubar

```
QMenuBar* Ui_MainWindow::menubar
```

6.14.2.15 menutest

```
QMenu* Ui_MainWindow::menutest
```

6.14.2.16 monthLabel

```
QLabel* Ui_MainWindow::monthLabel
```

6.14.2.17 monthTableView

```
QTableView* Ui_MainWindow::monthTableView
```

6.14.2.18 nextMonth

```
QPushButton* Ui_MainWindow::nextMonth
```

6.14.2.19 prevMonth

```
QPushButton* Ui_MainWindow::prevMonth
```

6.14.2.20 `saveAction`

```
QAction* Ui_MainWindow::saveAction
```

6.14.2.21 `statusbar`

```
QStatusBar* Ui_MainWindow::statusbar
```

6.14.2.22 `todoItemTextInput`

```
QPlainTextEdit* Ui_MainWindow::todoItemTextInput
```

6.14.2.23 `todoLabel`

```
QLabel* Ui_MainWindow::todoLabel
```

6.14.2.24 `verticalLayout`

```
QVBoxLayout* Ui_MainWindow::verticalLayout
```

6.14.2.25 `verticalLayout_2`

```
QVBoxLayout* Ui_MainWindow::verticalLayout_2
```

6.14.2.26 `verticalLayout_3`

```
QVBoxLayout* Ui_MainWindow::verticalLayout_3
```

6.14.2.27 `yearLabel`

```
QLabel* Ui_MainWindow::yearLabel
```

Dokumentacja dla tej klasy została wygenerowana z pliku:

- `calendar_autogen/include/ui_mainwindow.h`

6.15 Dokumentacja klasy `calendar::weeklyCalendarView`

Klasa operująca widokiem tygodniowym.

```
#include <weeklyCalendarView.h>
```

Metody publiczne

- `weeklyCalendarView ()`
Konstruktor bezargumentowy.
- `void setTodayDate ()`
Ustawia dzisiejszą datę.
- `date getTodayDate () const noexcept`
Pobiera dzisiejszą datę.
- `void calculateCurrentWeek (QStandardItemModel *dayModelInterface, const monthModel &month, const int &year, const int &weekNum, QStandardItemModel *monthEventsInterface)`
Oblicza obecny tydzień oraz ustawia wartości w widoku.
- `std::string getMonthName (const monthModel &month)`
Zwraca nazwę miesiąca dla obiektu monthModel.
- `void getEventsForDay (QStandardItemModel *monthEventsInterface, const int &day)`
Pobiera wydarzenia dla danego dnia.
- `QStandardItem * displayReminderEvent (event *newEvent)`
Zwraca element Qt, który ma zostać wyświetlony.
- `void addEventFromDialog (QTableView *calendarMonthlyView, const std::string &newEvName, const std::string &newEvDescription, const std::string &newEvLocation, const std::string &newEvType, const std::string &newEvFirstname, const std::string &newEvLastname, const date &newEvDate, const date &newBirthdate, const date &beginDate, const date &endDate, const repeatCycle &newEvRepeat, const std::string &eventClass)`
Dodaje wydarzenie z okna dialogowego.
- `std::vector< event * > getEvents () const noexcept`
Pobiera wydarzenia.
- `void setEvents (std::vector< event * > newEvents)`
Ustawia wydarzenia w modelu widoku.
- `void deleteEvent (std::string exportedEventData)`
Usuwa wydarzenie.
- `int getCurrentWeekNumber (const date &tempDate) const noexcept`
Pobiera aktualny numer tygodnia.

6.15.1 Opis szczegółowy

Klasa operująca widokiem tygodniowym.

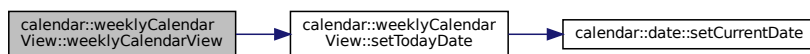
6.15.2 Dokumentacja konstruktora i destruktora

6.15.2.1 weeklyCalendarView()

```
calendar::weeklyCalendarView::weeklyCalendarView ( )
```

Konstruktor bezargumentowy.

Oto graf wywołań dla tej funkcji:



6.15.3 Dokumentacja funkcji składowych

6.15.3.1 addEventFromDialog()

```
void calendar::weeklyCalendarView::addEventFromDialog (
    QTableView * calendarMonthlyView,
    const std::string & newEvName,
    const std::string & newEvDescription,
    const std::string & newEvLocation,
    const std::string & newEvType,
    const std::string & newEvFirstname,
    const std::string & newEvLastname,
    const date & newEvDate,
    const date & newBirthdate,
    const date & beginDate,
    const date & endDate,
    const repeatCycle & newEvRepeat,
    const std::string & eventClass )
```

Dodaje wydarzenie z okna dialogowego.

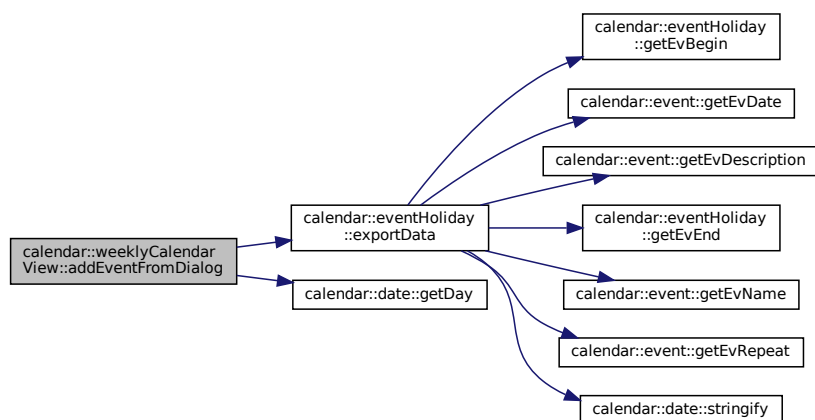
Parametry

<i>calendarMonthlyView</i>	widok tabelaryczny
<i>newEvName</i>	nazwa wydarzenia
<i>newEvDescription</i>	opis wydarzenia
<i>newEvLocation</i>	lokalizacja wydarzenia
<i>newEvType</i>	typ wydarzenia
<i>newEvFirstname</i>	imię osoby, która ma urodziny
<i>newEvLastname</i>	nazwisko osoby, która ma urodziny

Parametry

<i>newEvDate</i>	data wydarzenia
<i>newBirthdate</i>	data narodzin osoby
<i>beginDate</i>	data rozpoczęcia wakacji
<i>endDate</i>	data zakończenia wakacji
<i>newEvRepeat</i>	sposób powtarzania wydarzenia
<i>eventClass</i>	rodzaj wydarzenia

Oto graf wywołań dla tej funkcji:

6.15.3.2 `calculateCurrentWeek()`

```

void calendar::weeklyCalendarView::calculateCurrentWeek (
    QStandardItemModel * dayModelInterface,
    const monthModel & month,
    const int & year,
    const int & weekNum,
    QStandardItemModel * monthEventsInterface )

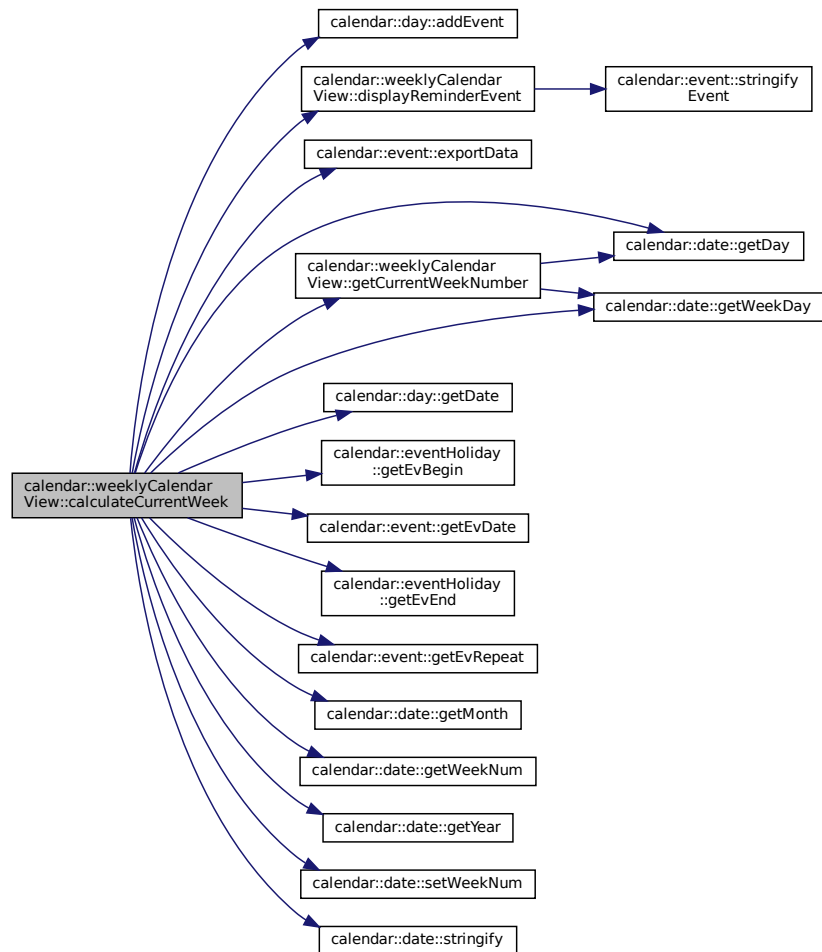
```

Oblicza obecny tydzień oraz ustawia wartości w widoku.

Parametry

<i>dayModelInterface</i>	model widoku
<i>month</i>	obecny miesiąc
<i>year</i>	obecny rok
<i>weekNum</i>	numer obecnego tygodnia
<i>monthEventsInterface</i>	model widoku

Oto graf wywołań dla tej funkcji:



6.15.3.3 deleteEvent()

```
void calendar::weeklyCalendarView::deleteEvent (
    std::string exportedEventData )
```

Usuwa wydarzenie.

Parametry

<i>exportedEventData</i>	identyfikator danych do usunięcia
--------------------------	-----------------------------------

6.15.3.4 `displayReminderEvent()`

```
QStandardItem * calendar::weeklyCalendarView::displayReminderEvent (
    event * newEvent )
```

Zwraca element Qt, który ma zostać wyświetlony.

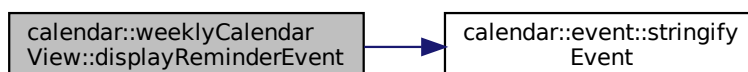
Parametry

<code>newEvent</code>	
-----------------------	--

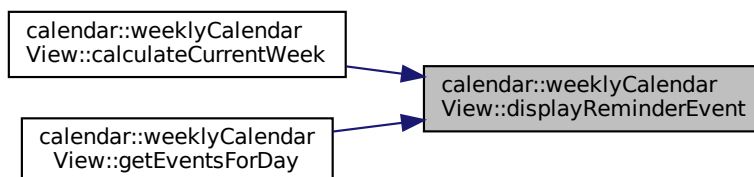
Zwraca

`QStandardItem*`

Oto graf wywołań dla tej funkcji:



Oto graf wywoływań tej funkcji:



6.15.3.5 `getCurrentWeekNumber()`

```
int calendar::weeklyCalendarView::getCurrentWeekNumber (
    const date & tempDate ) const [noexcept]
```

Pobiera aktualny numer tygodnia.

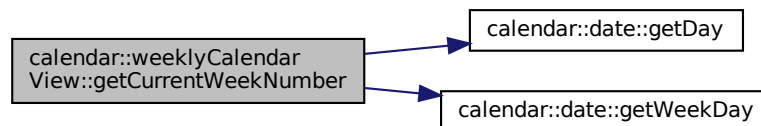
Parametry

<i>tempDate</i>	data, dla której ma być podany numer tygodnia
-----------------	---

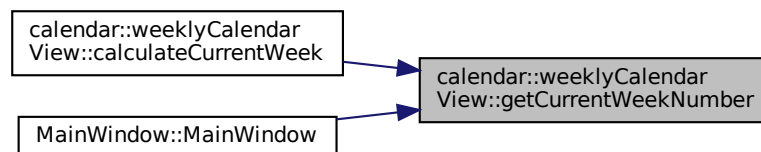
Zwraca

int numer tygodnia

Oto graf wywołań dla tej funkcji:



Oto graf wywoływań tej funkcji:

**6.15.3.6 getEvents()**

```
std::vector< event * > calendar::weeklyCalendarView::getEvents ( ) const [noexcept]
```

Pobiera wydarzenia.

Zwraca

std::vector<event *> lista wydarzeń

6.15.3.7 getEventsForDay()

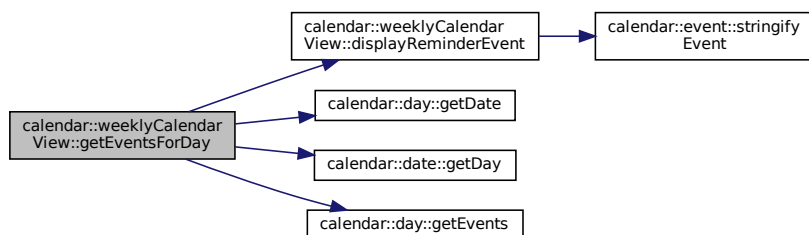
```
void calendar::weeklyCalendarView::getEventsForDay (
    QStandardItemModel * monthEventsInterface,
    const int & day )
```

Pobiera wydarzenia dla danego dnia.

Parametry

<i>monthEventsInterface</i>	
<i>day</i>	dzień dla którego mają być zwrócone wydarzenia

Oto graf wywołań dla tej funkcji:

6.15.3.8 `getMonthName()`

```
std::string calendar::weeklyCalendarView::getMonthName (
    const monthModel & month )
```

Zwraca nazwę miesiąca dla obiektu `monthModel`.

Parametry

<i>month</i>	miesiąc
--------------	---------

Zwraca

`std::string` nazwa miesiąca

6.15.3.9 `getTodayDate()`

```
date calendar::weeklyCalendarView::getTodayDate ( ) const [noexcept]
```

Pobiera dzisiejszą datę.

Zwraca

`date` dzisiejsza data

6.15.3.10 setEvents()

```
void calendar::weeklyCalendarView::setEvents (
    std::vector< event * > newEvents )
```

Ustawia wydarzenia w modelu widoku.

Parametry

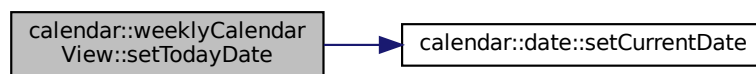
<i>newEvents</i>	wydarzenia do ustawienia
------------------	--------------------------

6.15.3.11 setTodayDate()

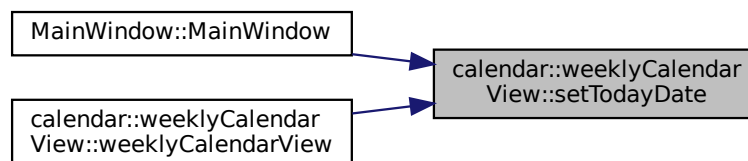
```
void calendar::weeklyCalendarView::setTodayDate ( )
```

Ustawia dzisiejszą datę.

Oto graf wywołań dla tej funkcji:



Oto graf wywoływań tej funkcji:



Dokumentacja dla tej klasy została wygenerowana z plików:

- [includes/weeklyCalendarView.h](#)
- [res/weeklyCalendarView.cpp](#)

Rozdział 7

Dokumentacja plików

7.1 Dokumentacja pliku

build/calendar_autogen/EWIEGA46WW/moc_mainwindow.cpp.d

7.2 Dokumentacja pliku

calendar_autogen/EWIEGA46WW/moc_mainwindow.cpp.d

7.3 Dokumentacja pliku cmake-build-debug/calendar_autogen/↵ EWIEGA46WW/moc_mainwindow.cpp.d

7.4 Dokumentacja pliku build/calendar_autogen/moc_predefs.h

Definicje

- #define [__SSP_STRONG__](#) 3
- #define [__DBL_MIN_EXP__](#) (-1021)
- #define [__cpp_attributes](#) 200809L
- #define [__UINT_LEAST16_MAX__](#) 0xffff
- #define [__ATOMIC_ACQUIRE](#) 2
- #define [__FLT128_MAX_10_EXP__](#) 4932
- #define [__FLT_MIN__](#) 1.17549435082228750796873653722224568e-38F
- #define [__GCC_IEC_559_COMPLEX](#) 2
- #define [__cpp_aggregate_nsdmi](#) 201304L
- #define [__UINT_LEAST8_TYPE__](#) unsigned char
- #define [__SIZEOF_FLOAT80__](#) 16
- #define [__INTMAX_C](#)(c) c ## L
- #define [__CHAR_BIT__](#) 8
- #define [__UINT8_MAX__](#) 0xff
- #define [__SCHAR_WIDTH__](#) 8
- #define [__WINT_MAX__](#) 0xffffffffU
- #define [__FLT32_MIN_EXP__](#) (-125)
- #define [__cpp_static_assert](#) 200410L
- #define [QT_GUI_LIB](#) 1

- #define `__ORDER_LITTLE_ENDIAN__` 1234
- #define `__SIZE_MAX__` 0xffffffffffffUL
- #define `__WCHAR_MAX__` 0x7ffffff
- #define `__GCC_HAVE_SYNC_COMPARE_AND_SWAP_1` 1
- #define `__GCC_HAVE_SYNC_COMPARE_AND_SWAP_2` 1
- #define `__GCC_HAVE_SYNC_COMPARE_AND_SWAP_4` 1
- #define `__DBL_DENORM_MIN__` double(4.94065645841246544176568792868221372e-324L)
- #define `__GCC_HAVE_SYNC_COMPARE_AND_SWAP_8` 1
- #define `__GCC_ATOMIC_CHAR_LOCK_FREE` 2
- #define `__GCC_IEC_559` 2
- #define `__FLT32X_DECIMAL_DIG__` 17
- #define `__FLT_EVAL_METHOD__` 0
- #define `__cpp_binary_literals` 201304L
- #define `__FLT64_DECIMAL_DIG__` 17
- #define `__GCC_ATOMIC_CHAR32_T_LOCK_FREE` 2
- #define `__cpp_variadic_templates` 200704L
- #define `__UINT_FAST64_MAX__` 0xffffffffffffUL
- #define `__SIG_ATOMIC_TYPE__` int
- #define `__DBL_MIN_10_EXP__` (-307)
- #define `__FINITE_MATH_ONLY__` 0
- #define `__cpp_variable_templates` 201304L
- #define `__FLT32X_MAX_EXP__` 1024
- #define `__FLT32_HAS_DENORM__` 1
- #define `__UINT_FAST8_MAX__` 0xff
- #define `__cpp_rvalue_reference` 200610L
- #define `__FLT32_MAX_10_EXP__` 38
- #define `__DEC64_MAX_EXP__` 385
- #define `__INT8_C(c)` c
- #define `__INT_LEAST8_WIDTH__` 8
- #define `__UINT_LEAST64_MAX__` 0xffffffffffffUL
- #define `__SHRT_MAX__` 0x7fff
- #define `__LDBL_MAX__` 1.18973149535723176502126385303097021e+4932L
- #define `__FLT64X_MAX_10_EXP__` 4932
- #define `__FLT64X_HAS_QUIET_NAN__` 1
- #define `__UINT_LEAST8_MAX__` 0xff
- #define `__GCC_ATOMIC_BOOL_LOCK_FREE` 2
- #define `__FLT128_DENORM_MIN__` 6.47517511943802511092443895822764655e-4966F128
- #define `__UINTMAX_TYPE__` long unsigned int
- #define `__linux` 1
- #define `__DEC32_EPSILON__` 1E-6DF
- #define `__FLT_EVAL_METHOD_TS_18661_3__` 0
- #define `__unix` 1
- #define `__UINT32_MAX__` 0xffffffffU
- #define `__GXX_EXPERIMENTAL_CXX0X__` 1
- #define `__FLT128_MIN_EXP__` (-16381)
- #define `__WINT_MIN__` 0U
- #define `__FLT128_MIN_10_EXP__` (-4931)
- #define `__INT_LEAST16_WIDTH__` 16
- #define `__SCHAR_MAX__` 0x7f
- #define `__FLT128_MANT_DIG__` 113
- #define `__WCHAR_MIN__` (-__WCHAR_MAX__ - 1)
- #define `__INT64_C(c) c ## L`
- #define `__GCC_ATOMIC_POINTER_LOCK_FREE` 2
- #define `__FLT32X_MANT_DIG__` 53
- #define `__GCC_ATOMIC_CHAR16_T_LOCK_FREE` 2

- #define __USER_LABEL_PREFIX__
- #define __FLT64X_EPSILON__ 1.08420217248550443400745280086994171e-19F64x
- #define __STDC_HOSTED__ 1
- #define __DEC64_MIN_EXP__ (-382)
- #define __cpp_decltype_auto 201304L
- #define __DBL_DIG__ 15
- #define __FLT32_DIG__ 6
- #define __FLT_EPSILON__ 1.19209289550781250000000000000000000e-7F
- #define __GXX_WEAK__ 1
- #define __SHRT_WIDTH__ 16
- #define __LDBL_MIN__ 3.36210314311209350626267781732175260e-4932L
- #define __DEC32_MAX__ 9.999999E96DF
- #define __cpp_threadsafe_static_init 200806L
- #define __FLT64X_DENORM_MIN__ 3.64519953188247460252840593361941982e-4951F64x
- #define __FLT32X_HAS_INFINITY__ 1
- #define __INT32_MAX__ 0x7fffffff
- #define __unix__ 1
- #define __INT_WIDTH__ 32
- #define __SIZEOF_LONG__ 8
- #define __STDC_IEC_559__ 1
- #define __STDC_ISO_10646__ 201706L
- #define __UINT16_C(c) c
- #define __DECIMAL_DIG__ 21
- #define __STDC_IEC_559_COMPLEX__ 1
- #define __FLT64_EPSILON__ 2.22044604925031308084726333618164062e-16F64
- #define __gnu_linux__ 1
- #define __INT16_MAX__ 0x7fff
- #define __FLT64_MIN_EXP__ (-1021)
- #define __FLT64X_MIN_10_EXP__ (-4931)
- #define __LDBL_HAS_QUIET_NAN__ 1
- #define __FLT64_MANT_DIG__ 53
- #define __FLT64X_MANT_DIG__ 64
- #define __GNUC__ 10
- #define __GXX_RTTI 1
- #define __pie__ 2
- #define __MMX__ 1
- #define __FLT_HAS_DENORM__ 1
- #define __SIZEOF_LONG_DOUBLE__ 16
- #define __BIGGEST_ALIGNMENT__ 16
- #define __STDC_UTF_16__ 1
- #define __FLT64_MAX_10_EXP__ 308
- #define __cpp_delegating_constructors 200604L
- #define __FLT32_HAS_INFINITY__ 1
- #define __DBL_MAX__ double(1.79769313486231570814527423731704357e+308L)
- #define __cpp_raw_strings 200710L
- #define __INT_FAST32_MAX__ 0x7fffffffffffffffL
- #define __DBL_HAS_INFINITY__ 1
- #define __SIZEOF_FLOAT__ 4
- #define __HAVE_SPECULATION_SAFE_VALUE 1
- #define __DEC32_MIN_EXP__ (-94)
- #define __INTPTR_WIDTH__ 64
- #define __FLT64X_HAS_INFINITY__ 1
- #define __UINT_LEAST32_MAX__ 0xffffffffU
- #define __FLT32X_HAS_DENORM__ 1
- #define __INT_FAST16_TYPE__ long int

- #define `__MMX_WITH_SSE__` 1
- #define `__LDBL_HAS_DENORM__` 1
- #define `QT_WIDGETS_LIB` 1
- #define `__cplusplus` 201402L
- #define `__cpp_ref_qualifiers` 200710L
- #define `__DEC32_MIN__` 1E-95DF
- #define `__DEPRECATED` 1
- #define `__cpp_rvalue_references` 200610L
- #define `__DBL_MAX_EXP__` 1024
- #define `__WCHAR_WIDTH__` 32
- #define `__FLT32_MAX__` 3.40282346638528859811704183484516925e+38F32
- #define `__DEC128_EPSILON__` 1E-33DL
- #define `__SSE2_MATH__` 1
- #define `__ATOMIC_HLE_RELEASE` 131072
- #define `__PTRDIFF_MAX__` 0x7fffffffffffffffL
- #define `__amd64` 1
- #define `__ATOMIC_HLE_ACQUIRE` 65536
- #define `__GNUG__` 10
- #define `__LONG_LONG_MAX__` 0x7fffffffffffffffLL
- #define `__SIZEOF_SIZE_T__` 8
- #define `__cpp_nsdmi` 200809L
- #define `__FLT64X_MIN_EXP__` (-16381)
- #define `__SIZEOF_WINT_T__` 4
- #define `__LONG_LONG_WIDTH__` 64
- #define `__cpp_initializer_lists` 200806L
- #define `__FLT32_MAX_EXP__` 128
- #define `ABI_ID` "ELF"
- #define `__cpp_hex_float` 201603L
- #define `__GXX_ABI_VERSION` 1014
- #define `__FLT128_HAS_INFINITY__` 1
- #define `__FLT_MIN_EXP__` (-125)
- #define `__GCC_HAVE_DWARF2_CFI_ASM` 1
- #define `__x86_64` 1
- #define `__cpp_lambdas` 200907L
- #define `__INT_FAST64_TYPE__` long int
- #define `__FLT64_DENORM_MIN__` 4.94065645841246544176568792868221372e-324F64
- #define `__DBL_MIN__` double(2.22507385850720138309023271733240406e-308L)
- #define `__FLT128_EPSILON__` 1.92592994438723585305597794258492732e-34F128
- #define `__FLT64X_NORM_MAX__` 1.18973149535723176502126385303097021e+4932F64x
- #define `__SIZEOF_POINTER__` 8
- #define `__LP64__` 1
- #define `__DBL_HAS_QUIET_NAN__` 1
- #define `__FLT32X_EPSILON__` 2.22044604925031308084726333618164062e-16F32x
- #define `__DECIMAL_BID_FORMAT__` 1
- #define `__FLT64_MIN_10_EXP__` (-307)
- #define `__FLT64X_DECIMAL_DIG__` 21
- #define `__DEC128_MIN__` 1E-6143DL
- #define `__REGISTER_PREFIX__`
- #define `__UINT16_MAX__` 0xffff
- #define `__LDBL_HAS_INFINITY__` 1
- #define `__FLT32_MIN__` 1.17549435082228750796873653722224568e-38F32
- #define `__UINT8_TYPE__` unsigned char
- #define `__FLT_DIG__` 6
- #define `__NO_INLINE__` 1
- #define `__DEC_EVAL_METHOD__` 2

```
#define __DEC128_MAX__ 9.9999999999999999999999999999999E6144DL
#define __FLT_MANT_DIG__ 24
#define __LDBL_DECIMAL_DIG__ 21
#define __VERSION__ "10.2.0"
#define __UINT64_C(c) c ## UL
#define __cpp_unicode_characters 200704L
#define __STDC_PREDEF_H 1
#define __INT_LEAST32_MAX__ 0x7fffffff
#define __GCC_ATOMIC_INT_LOCK_FREE 2
#define __FLT128_MAX_EXP__ 16384
#define __FLT32_MANT_DIG__ 24
#define __FLOAT_WORD_ORDER__ __ORDER_LITTLE_ENDIAN__
#define __SIZEOF_DPTR__ (sizeof(void*))
#define __FLT128_HAS_DENORM__ 1
#define __FLT32_DECIMAL_DIG__ 9
#define __FLT128_DIG__ 33
#define __INT32_C(c) c
#define __DEC64_EPSILON__ 1E-15DD
#define __ORDER_PDP_ENDIAN__ 3412
#define __DEC128_MIN_EXP__ (-6142)
#define __INT_FAST32_TYPE__ long int
#define __UINT_LEAST16_TYPE__ short unsigned int
#define __unix__ 1
#define __DBL_HAS_DENORM__ 1
#define __cpp_rtti 199711L
#define __SIZE_TYPE__ long unsigned int
#define __UINT64_MAX__ 0xffffffffffffffffUL
#define __FLT64X_DIG__ 18
#define __INT8_TYPE__ signed char
#define __cpp_digit_separators 201309L
#define __ELF__ 1
#define __GCC_ASM_FLAG_OUTPUTS__ 1
#define __UINT32_TYPE__ unsigned int
#define __FLT_RADIX__ 2
#define __INT_LEAST16_TYPE__ short int
#define __LDBL_EPSILON__ 1.08420217248550443400745280086994171e-19L
#define __UINTMAX_C(c) c ## UL
#define __GLIBCXX_BITSIZE_INT_N_0 128
#define __k8__ 1
#define __FLT32X_MIN__ 2.22507385850720138309023271733240406e-308F32x
#define __SIG_ATOMIC_MAX__ 0x7fffffff
#define __GCC_ATOMIC_WCHAR_T_LOCK_FREE 2
#define __SIZEOF_PTRDIFF_T__ 8
#define __LDBL_DIG__ 18
#define __x86_64__ 1
#define __FLT32X_MIN_EXP__ (-1021)
#define __DEC32_SUBNORMAL_MIN__ 0.000001E-95DF
#define __INT_FAST16_MAX__ 0x7fffffffffffffffL
#define __FLT64_DIG__ 15
#define __UINT_FAST32_MAX__ 0xffffffffffffffffUL
#define __UINT_LEAST64_TYPE__ long unsigned int
#define __FLT_HAS_QUIET_NAN__ 1
#define __FLT_MAX_10_EXP__ 38
#define __LONG_MAX__ 0x7fffffffffffffffL
#define __FLT64X_HAS_DENORM__ 1
```


- #define __FLT_MAX_EXP__ 128
- #define __ORDER_BIG_ENDIAN__ 4321
- #define __DBL_MANT_DIG__ 53
- #define __cpp_inheriting_constructors 201511L
- #define QT_CORE_LIB 1
- #define __SIZEOF_FLOAT128__ 16
- #define __INT_LEAST64_MAX__ 0x7fffffffffffffffL
- #define __DEC64_MIN__ 1E-383DD
- #define __WINT_TYPE__ unsigned int
- #define __UINT_LEAST32_TYPE__ unsigned int
- #define __SIZEOF_SHORT__ 2
- #define __FLT32_NORM_MAX__ 3.40282346638528859811704183484516925e+38F32
- #define __SSE__ 1
- #define __LDBL_MIN_EXP__ (-16381)
- #define __FLT64_MAX__ 1.79769313486231570814527423731704357e+308F64
- #define __amd64__ 1
- #define __WINT_WIDTH__ 32
- #define __INT_LEAST8_MAX__ 0x7f
- #define __INT_LEAST64_WIDTH__ 64
- #define __LDBL_MAX_EXP__ 16384
- #define __FLT32X_MAX_10_EXP__ 308
- #define __SIZEOF_INT128__ 16
- #define __LDBL_MAX_10_EXP__ 4932
- #define __ATOMIC_RELAXED 0
- #define __DBL_EPSILON__ double(2.22044604925031308084726333618164062e-16L)
- #define __FLT128_MIN__ 3.36210314311209350626267781732175260e-4932F128
- #define __LP64__ 1
- #define __UINT8_C(c) c
- #define __FLT64_MAX_EXP__ 1024
- #define __INT_LEAST32_TYPE__ int
- #define __SIZEOF_WCHAR_T__ 4
- #define __GNUC_PATCHLEVEL__ 0
- #define __FLT128_NORM_MAX__ 1.18973149535723176508575932662800702e+4932F128
- #define __FLT64_NORM_MAX__ 1.79769313486231570814527423731704357e+308F64
- #define __FLT128_HAS_QUIET_NAN__ 1
- #define __INTMAX_MAX__ 0x7fffffffffffffffL
- #define __INT_FAST8_TYPE__ signed char
- #define __FLT64X_MIN__ 3.36210314311209350626267781732175260e-4932F64x
- #define __GNUC_STDC_INLINE__ 1
- #define __FLT64_HAS_DENORM__ 1
- #define __FLT32_EPSILON__ 1.19209289550781250000000000000000000000e-7F32
- #define __DBL_DECIMAL_DIG__ 17
- #define __STDC_UTF_32__ 1
- #define __INT_FAST8_WIDTH__ 8
- #define __FXSR__ 1
- #define __FLT32X_MAX__ 1.79769313486231570814527423731704357e+308F32x
- #define __DBL_NORM_MAX__ double(1.79769313486231570814527423731704357e+308L)
- #define __BYTE_ORDER__ __ORDER_LITTLE_ENDIAN__
- #define __INTMAX_WIDTH__ 64
- #define __cpp_runtime_arrays 198712L
- #define __UINT64_TYPE__ long unsigned int
- #define __UINT32_C(c) c ## U
- #define __cpp_alias_templates 200704L
- #define __FLT_DENORM_MIN__ 1.40129846432481707092372958328991613e-45F
- #define __INT8_MAX__ 0x7f

- `#define __LONG_WIDTH__ 64`
- `#define __PIC__ 2`
- `#define __UINT_FAST32_TYPE__ long unsigned int`
- `#define __FLT32X_NORM_MAX__ 1.79769313486231570814527423731704357e+308F32x`
- `#define __CHAR32_TYPE__ unsigned int`
- `#define __FLT_MAX__ 3.40282346638528859811704183484516925e+38F`
- `#define __cpp_constexpr 201304L`
- `#define __SSE2__ 1`
- `#define __INT32_TYPE__ int`
- `#define __SIZEOF_DOUBLE__ 8`
- `#define __cpp_exceptions 199711L`
- `#define __FLT_MIN_10_EXP__ (-37)`
- `#define __FLT64_MIN__ 2.22507385850720138309023271733240406e-308F64`
- `#define __INT_LEAST32_WIDTH__ 32`
- `#define __INTMAX_TYPE__ long int`
- `#define __DEC128_MAX_EXP__ 6145`
- `#define __FLT32X_HAS_QUIET_NAN__ 1`
- `#define __ATOMIC_CONSUME 1`
- `#define __GNUC_MINOR__ 2`
- `#define __GLIBCXX_TYPE_INT_N_0__ int128`
- `#define __INT_FAST16_WIDTH__ 64`
- `#define __UINTMAX_MAX__ 0xffffffffffffffffUL`
- `#define __PIE__ 2`
- `#define __FLT32X_DENORM_MIN__ 4.94065645841246544176568792868221372e-324F32x`
- `#define __DBL_MAX_10_EXP__ 308`
- `#define __LDBL_DENORM_MIN__ 3.64519953188247460252840593361941982e-4951L`
- `#define __INT16_C(c) c`
- `#define __STDC__ 1`
- `#define __FLT32X_DIG__ 15`
- `#define __PTRDIFF_TYPE__ long int`
- `#define __ATOMIC_SEQ_CST 5`
- `#define __FLT32X_MIN_10_EXP__ (-307)`
- `#define __UINTPTR_TYPE__ long unsigned int`
- `#define __DEC64_SUBNORMAL_MIN__ 0.0000000000000001E-383DD`
- `#define __DEC128_MANT_DIG__ 34`
- `#define __LDBL_MIN_10_EXP__ (-4931)`
- `#define __cpp_generic_lambdas 201304L`
- `#define __SSE_MATH__ 1`
- `#define __SIZEOF_LONG_LONG__ 8`
- `#define __cpp_user_defined_literals 200809L`
- `#define __FLT128_DECIMAL_DIG__ 36`
- `#define __GCC_ATOMIC_LLONG_LOCK_FREE 2`
- `#define __FLT32_HAS_QUIET_NAN__ 1`
- `#define __FLT_DECIMAL_DIG__ 9`
- `#define __UINT_FAST16_MAX__ 0xffffffffffffffffUL`
- `#define __LDBL_NORM_MAX__ 1.18973149535723176502126385303097021e+4932L`
- `#define __GCC_ATOMIC_SHORT_LOCK_FREE 2`
- `#define __UINT_FAST8_TYPE__ unsigned char`
- `#define __GNU_SOURCE 1`
- `#define __cpp_init_captures 201304L`
- `#define __ATOMIC_ACQ_REL 4`
- `#define __ATOMIC_RELEASE 3`

7.4.1 Dokumentacja definicji

7.4.1.1 __amd64

```
#define __amd64 1
```

7.4.1.2 __amd64__

```
#define __amd64__ 1
```

7.4.1.3 __ATOMIC_ACQ_REL

```
#define __ATOMIC_ACQ_REL 4
```

7.4.1.4 __ATOMIC_ACQUIRE

```
#define __ATOMIC_ACQUIRE 2
```

7.4.1.5 __ATOMIC_CONSUME

```
#define __ATOMIC_CONSUME 1
```

7.4.1.6 __ATOMIC_HLE_ACQUIRE

```
#define __ATOMIC_HLE_ACQUIRE 65536
```

7.4.1.7 __ATOMIC_HLE_RELEASE

```
#define __ATOMIC_HLE_RELEASE 131072
```

7.4.1.8 `__ATOMIC_RELAXED`

```
#define __ATOMIC_RELAXED 0
```

7.4.1.9 `__ATOMIC_RELEASE`

```
#define __ATOMIC_RELEASE 3
```

7.4.1.10 `__ATOMIC_SEQ_CST`

```
#define __ATOMIC_SEQ_CST 5
```

7.4.1.11 `__BIGGEST_ALIGNMENT__`

```
#define __BIGGEST_ALIGNMENT__ 16
```

7.4.1.12 `__BYTE_ORDER__`

```
#define __BYTE_ORDER__ \_\_ORDER\_LITTLE\_ENDIAN\_\_
```

7.4.1.13 `__CHAR16_TYPE__`

```
#define __CHAR16_TYPE__ short unsigned int
```

7.4.1.14 `__CHAR32_TYPE__`

```
#define __CHAR32_TYPE__ unsigned int
```

7.4.1.15 `__CHAR_BIT__`

```
#define __CHAR_BIT__ 8
```

7.4.1.16 __code_model_small__

```
#define __code_model_small__ 1
```

7.4.1.17 __cplusplus

```
#define __cplusplus 201402L
```

7.4.1.18 __cpp_aggregate_nsdmi

```
#define __cpp_aggregate_nsdmi 201304L
```

7.4.1.19 __cpp_alias_templates

```
#define __cpp_alias_templates 200704L
```

7.4.1.20 __cpp_attributes

```
#define __cpp_attributes 200809L
```

7.4.1.21 __cpp_binary_literals

```
#define __cpp_binary_literals 201304L
```

7.4.1.22 __cpp_constexpr

```
#define __cpp_constexpr 201304L
```

7.4.1.23 __cpp_decltype

```
#define __cpp_decltype 200707L
```

7.4.1.24 __cpp_decltype_auto

```
#define __cpp_decltype_auto 201304L
```

7.4.1.25 __cpp_delegating_constructors

```
#define __cpp_delegating_constructors 200604L
```

7.4.1.26 __cpp_digit_separators

```
#define __cpp_digit_separators 201309L
```

7.4.1.27 __cpp_exceptions

```
#define __cpp_exceptions 199711L
```

7.4.1.28 __cpp_generic_lambdas

```
#define __cpp_generic_lambdas 201304L
```

7.4.1.29 __cpp_hex_float

```
#define __cpp_hex_float 201603L
```

7.4.1.30 __cpp_inheriting_constructors

```
#define __cpp_inheriting_constructors 201511L
```

7.4.1.31 __cpp_init_captures

```
#define __cpp_init_captures 201304L
```

7.4.1.32 __cpp_initializer_lists

```
#define __cpp_initializer_lists 200806L
```

7.4.1.33 __cpp_lambdas

```
#define __cpp_lambdas 200907L
```

7.4.1.34 __cpp_nsDMI

```
#define __cpp_nsDMI 200809L
```

7.4.1.35 __cpp_range_based_for

```
#define __cpp_range_based_for 200907L
```

7.4.1.36 __cpp_raw_strings

```
#define __cpp_raw_strings 200710L
```

7.4.1.37 __cpp_ref_qualifiers

```
#define __cpp_ref_qualifiers 200710L
```

7.4.1.38 __cpp_return_type_deduction

```
#define __cpp_return_type_deduction 201304L
```

7.4.1.39 __cpp_rtti

```
#define __cpp_rtti 199711L
```

7.4.1.40 __cpp_runtime_arrays

```
#define __cpp_runtime_arrays 198712L
```

7.4.1.41 __cpp_rvalue_reference

```
#define __cpp_rvalue_reference 200610L
```

7.4.1.42 __cpp_rvalue_references

```
#define __cpp_rvalue_references 200610L
```

7.4.1.43 __cpp_sized_deallocation

```
#define __cpp_sized_deallocation 201309L
```

7.4.1.44 __cpp_static_assert

```
#define __cpp_static_assert 200410L
```

7.4.1.45 __cpp_threadsafe_static_init

```
#define __cpp_threadsafe_static_init 200806L
```

7.4.1.46 __cpp_unicode_characters

```
#define __cpp_unicode_characters 200704L
```

7.4.1.47 __cpp_unicode_literals

```
#define __cpp_unicode_literals 200710L
```


7.4.1.48 __cpp_user_defined_literals

```
#define __cpp_user_defined_literals 200809L
```

7.4.1.49 __cpp_variable_templates

```
#define __cpp_variable_templates 201304L
```

7.4.1.50 __cpp_variadic_templates

```
#define __cpp_variadic_templates 200704L
```

7.4.1.51 __DBL_DECIMAL_DIG__

```
#define __DBL_DECIMAL_DIG__ 17
```

7.4.1.52 __DBL_DENORM_MIN__

```
#define __DBL_DENORM_MIN__ double(4.94065645841246544176568792868221372e-324L)
```

7.4.1.53 __DBL_DIG__

```
#define __DBL_DIG__ 15
```

7.4.1.54 __DBL_EPSILON__

```
#define __DBL_EPSILON__ double(2.22044604925031308084726333618164062e-16L)
```

7.4.1.55 __DBL_HAS_DENORM__

```
#define __DBL_HAS_DENORM__ 1
```

7.4.1.56 __DBL_HAS_INFINITY__

```
#define __DBL_HAS_INFINITY__ 1
```

7.4.1.57 __DBL_HAS_QUIET_NAN__

```
#define __DBL_HAS_QUIET_NAN__ 1
```

7.4.1.58 __DBL_MANT_DIG__

```
#define __DBL_MANT_DIG__ 53
```

7.4.1.59 __DBL_MAX_10_EXP__

```
#define __DBL_MAX_10_EXP__ 308
```

7.4.1.60 __DBL_MAX__

```
#define __DBL_MAX__ double(1.79769313486231570814527423731704357e+308L)
```

7.4.1.61 __DBL_MAX_EXP__

```
#define __DBL_MAX_EXP__ 1024
```

7.4.1.62 __DBL_MIN_10_EXP__

```
#define __DBL_MIN_10_EXP__ (-307)
```

7.4.1.63 __DBL_MIN__

```
#define __DBL_MIN__ double(2.22507385850720138309023271733240406e-308L)
```


[illegible][illegible]

```
#define DEC32_EPSILON 1E-6DF
```

```
#define DEC32_EPSILON 1E-6DF
```

```
#define __DEC32_MANT_DIG__ 7
```

```
#define __DEC32_MANT_DIG__ 7
```

```
#define DEC32_MAX 9.999999E96DF
```

```
#define DEC32_MAX 9.999999E96DF
```

```
#define __DEC32_MAX_EXP__ 97
```

```
#define __DEC32_MAX_EXP__ 97
```

```
#define __DEC32_MIN__ 1E-95DF
```

```
#define __DEC32_MIN__ 1E-95DF
```

```
#define __DEC32_MIN_EXP__ (-94)
```

```
#define __DEC32_MIN_EXP__ (-94)
```

```
#define __DEC32_SUBNORMAL_MIN__ 0.000001E-95DF
```

```
#define __DEC32_SUBNORMAL_MIN__ 0.000001E-95DF
```

7.4.1.80 __DEC64_EPSILON__

```
#define __DEC64_EPSILON__ 1E-15DD
```

7.4.1.81 __DEC64_MANT_DIG__

```
#define __DEC64_MANT_DIG__ 16
```

7.4.1.82 __DEC64_MAX__

```
#define __DEC64_MAX__ 9.999999999999999E384DD
```

7.4.1.83 __DEC64_MAX_EXP__

```
#define __DEC64_MAX_EXP__ 385
```

7.4.1.84 __DEC64_MIN__

```
#define __DEC64_MIN__ 1E-383DD
```

7.4.1.85 __DEC64_MIN_EXP__

```
#define __DEC64_MIN_EXP__ (-382)
```

7.4.1.86 __DEC64_SUBNORMAL_MIN__

```
#define __DEC64_SUBNORMAL_MIN__ 0.0000000000000001E-383DD
```

7.4.1.87 __DEC_EVAL_METHOD__

```
#define __DEC_EVAL_METHOD__ 2
```

7.4.1.88 __DECIMAL_BID_FORMAT__

```
#define __DECIMAL_BID_FORMAT__ 1
```

7.4.1.89 __DECIMAL_DIG__

```
#define __DECIMAL_DIG__ 21
```

7.4.1.90 __DEPRECATED

```
#define __DEPRECATED 1
```

7.4.1.91 __ELF__

```
#define __ELF__ 1
```

7.4.1.92 __EXCEPTIONS

```
#define __EXCEPTIONS 1
```

7.4.1.93 __FINITE_MATH_ONLY__

```
#define __FINITE_MATH_ONLY__ 0
```

7.4.1.94 __FLOAT_WORD_ORDER__

```
#define __FLOAT_WORD_ORDER__ \_\_ORDER\_LITTLE\_ENDIAN\_\_
```

7.4.1.95 __FLT128_DECIMAL_DIG__

```
#define __FLT128_DECIMAL_DIG__ 36
```

7.4.1.96 __FLT128_DENORM_MIN__

```
#define __FLT128_DENORM_MIN__ 6.47517511943802511092443895822764655e-4966F128
```

7.4.1.97 __FLT128_DIG__

```
#define __FLT128_DIG__ 33
```

7.4.1.98 __FLT128_EPSILON__

```
#define __FLT128_EPSILON__ 1.92592994438723585305597794258492732e-34F128
```

7.4.1.99 __FLT128_HAS_DENORM__

```
#define __FLT128_HAS_DENORM__ 1
```

7.4.1.100 __FLT128_HAS_INFINITY__

```
#define __FLT128_HAS_INFINITY__ 1
```

7.4.1.101 __FLT128_HAS_QUIET_NAN__

```
#define __FLT128_HAS_QUIET_NAN__ 1
```

7.4.1.102 __FLT128_MANT_DIG__

```
#define __FLT128_MANT_DIG__ 113
```

7.4.1.103 __FLT128_MAX_10_EXP__

```
#define __FLT128_MAX_10_EXP__ 4932
```

7.4.1.104 __FLT128_MAX__

```
#define __FLT128_MAX__ 1.18973149535723176508575932662800702e+4932F128
```

7.4.1.105 __FLT128_MAX_EXP__

```
#define __FLT128_MAX_EXP__ 16384
```

7.4.1.106 __FLT128_MIN_10_EXP__

```
#define __FLT128_MIN_10_EXP__ (-4931)
```

7.4.1.107 __FLT128_MIN__

```
#define __FLT128_MIN__ 3.36210314311209350626267781732175260e-4932F128
```

7.4.1.108 __FLT128_MIN_EXP__

```
#define __FLT128_MIN_EXP__ (-16381)
```

7.4.1.109 __FLT128_NORM_MAX__

```
#define __FLT128_NORM_MAX__ 1.18973149535723176508575932662800702e+4932F128
```

7.4.1.110 __FLT32_DECIMAL_DIG__

```
#define __FLT32_DECIMAL_DIG__ 9
```

7.4.1.111 __FLT32_DENORM_MIN__

```
#define __FLT32_DENORM_MIN__ 1.40129846432481707092372958328991613e-45F32
```


7.4.1.112 __FLT32_DIG__

```
#define __FLT32_DIG__ 6
```

7.4.1.113 __FLT32_EPSILON__

```
#define __FLT32_EPSILON__ 1.19209289550781250000000000000000000000e-7F32
```

7.4.1.114 __FLT32_HAS_DENORM__

```
#define __FLT32_HAS_DENORM__ 1
```

7.4.1.115 __FLT32_HAS_INFINITY__

```
#define __FLT32_HAS_INFINITY__ 1
```

7.4.1.116 __FLT32_HAS_QUIET_NAN__

```
#define __FLT32_HAS_QUIET_NAN__ 1
```

7.4.1.117 __FLT32_MANT_DIG__

```
#define __FLT32_MANT_DIG__ 24
```

7.4.1.118 __FLT32_MAX_10_EXP__

```
#define __FLT32_MAX_10_EXP__ 38
```

7.4.1.119 __FLT32_MAX__

```
#define __FLT32_MAX__ 3.40282346638528859811704183484516925e+38F32
```

7.4.1.120 __FLT32_MAX_EXP__

```
#define __FLT32_MAX_EXP__ 128
```

7.4.1.121 __FLT32_MIN_10_EXP__

```
#define __FLT32_MIN_10_EXP__ (-37)
```

7.4.1.122 __FLT32_MIN__

```
#define __FLT32_MIN__ 1.1754943508222875079687365372224568e-38F32
```

7.4.1.123 __FLT32_MIN_EXP__

```
#define __FLT32_MIN_EXP__ (-125)
```

7.4.1.124 __FLT32_NORM_MAX__

```
#define __FLT32_NORM_MAX__ 3.40282346638528859811704183484516925e+38F32
```

7.4.1.125 __FLT32X_DECIMAL_DIG__

```
#define __FLT32X_DECIMAL_DIG__ 17
```

7.4.1.126 __FLT32X_DENORM_MIN__

```
#define __FLT32X_DENORM_MIN__ 4.94065645841246544176568792868221372e-324F32x
```

7.4.1.127 __FLT32X_DIG__

```
#define __FLT32X_DIG__ 15
```

7.4.1.128 __FLT32X_EPSILON__

```
#define __FLT32X_EPSILON__ 2.22044604925031308084726333618164062e-16F32x
```

7.4.1.129 __FLT32X_HAS_DENORM__

```
#define __FLT32X_HAS_DENORM__ 1
```

7.4.1.130 __FLT32X_HAS_INFINITY__

```
#define __FLT32X_HAS_INFINITY__ 1
```

7.4.1.131 __FLT32X_HAS_QUIET_NAN__

```
#define __FLT32X_HAS_QUIET_NAN__ 1
```

7.4.1.132 __FLT32X_MANT_DIG__

```
#define __FLT32X_MANT_DIG__ 53
```

7.4.1.133 __FLT32X_MAX_10_EXP__

```
#define __FLT32X_MAX_10_EXP__ 308
```

7.4.1.134 __FLT32X_MAX__

```
#define __FLT32X_MAX__ 1.79769313486231570814527423731704357e+308F32x
```

7.4.1.135 __FLT32X_MAX_EXP__

```
#define __FLT32X_MAX_EXP__ 1024
```

7.4.1.136 __FLT32X_MIN_10_EXP__

```
#define __FLT32X_MIN_10_EXP__ (-307)
```

7.4.1.137 __FLT32X_MIN__

```
#define __FLT32X_MIN__ 2.22507385850720138309023271733240406e-308F32x
```

7.4.1.138 __FLT32X_MIN_EXP__

```
#define __FLT32X_MIN_EXP__ (-1021)
```

7.4.1.139 __FLT32X_NORM_MAX__

```
#define __FLT32X_NORM_MAX__ 1.79769313486231570814527423731704357e+308F32x
```

7.4.1.140 __FLT64_DECIMAL_DIG__

```
#define __FLT64_DECIMAL_DIG__ 17
```

7.4.1.141 __FLT64_DENORM_MIN__

```
#define __FLT64_DENORM_MIN__ 4.94065645841246544176568792868221372e-324F64
```

7.4.1.142 __FLT64_DIG__

```
#define __FLT64_DIG__ 15
```

7.4.1.143 __FLT64_EPSILON__

```
#define __FLT64_EPSILON__ 2.22044604925031308084726333618164062e-16F64
```

7.4.1.144 __FLT64_HAS_DENORM__

```
#define __FLT64_HAS_DENORM__ 1
```

7.4.1.145 __FLT64_HAS_INFINITY__

```
#define __FLT64_HAS_INFINITY__ 1
```

7.4.1.146 __FLT64_HAS_QUIET_NAN__

```
#define __FLT64_HAS_QUIET_NAN__ 1
```

7.4.1.147 __FLT64_MANT_DIG__

```
#define __FLT64_MANT_DIG__ 53
```

7.4.1.148 __FLT64_MAX_10_EXP__

```
#define __FLT64_MAX_10_EXP__ 308
```

7.4.1.149 __FLT64_MAX__

```
#define __FLT64_MAX__ 1.79769313486231570814527423731704357e+308F64
```

7.4.1.150 __FLT64_MAX_EXP__

```
#define __FLT64_MAX_EXP__ 1024
```

7.4.1.151 __FLT64_MIN_10_EXP__

```
#define __FLT64_MIN_10_EXP__ (-307)
```

7.4.1.152 __FLT64_MIN__

```
#define __FLT64_MIN__ 2.22507385850720138309023271733240406e-308F64
```

7.4.1.153 __FLT64_MIN_EXP__

```
#define __FLT64_MIN_EXP__ (-1021)
```

7.4.1.154 __FLT64_NORM_MAX__

```
#define __FLT64_NORM_MAX__ 1.79769313486231570814527423731704357e+308F64
```

7.4.1.155 __FLT64X_DECIMAL_DIG__

```
#define __FLT64X_DECIMAL_DIG__ 21
```

7.4.1.156 __FLT64X_DENORM_MIN__

```
#define __FLT64X_DENORM_MIN__ 3.64519953188247460252840593361941982e-4951F64x
```

7.4.1.157 __FLT64X_DIG__

```
#define __FLT64X_DIG__ 18
```

7.4.1.158 __FLT64X_EPSILON__

```
#define __FLT64X_EPSILON__ 1.08420217248550443400745280086994171e-19F64x
```

7.4.1.159 __FLT64X_HAS_DENORM__

```
#define __FLT64X_HAS_DENORM__ 1
```

7.4.1.160 __FLT64X_HAS_INFINITY__

```
#define __FLT64X_HAS_INFINITY__ 1
```

7.4.1.161 __FLT64X_HAS_QUIET_NAN__

```
#define __FLT64X_HAS_QUIET_NAN__ 1
```

7.4.1.162 __FLT64X_MANT_DIG__

```
#define __FLT64X_MANT_DIG__ 64
```

7.4.1.163 __FLT64X_MAX_10_EXP__

```
#define __FLT64X_MAX_10_EXP__ 4932
```

7.4.1.164 __FLT64X_MAX__

```
#define __FLT64X_MAX__ 1.18973149535723176502126385303097021e+4932F64x
```

7.4.1.165 __FLT64X_MAX_EXP__

```
#define __FLT64X_MAX_EXP__ 16384
```

7.4.1.166 __FLT64X_MIN_10_EXP__

```
#define __FLT64X_MIN_10_EXP__ (-4931)
```

7.4.1.167 __FLT64X_MIN__

```
#define __FLT64X_MIN__ 3.36210314311209350626267781732175260e-4932F64x
```

7.4.1.168 __FLT64X_MIN_EXP__

```
#define __FLT64X_MIN_EXP__ (-16381)
```

7.4.1.169 __FLT64X_NORM_MAX__

```
#define __FLT64X_NORM_MAX__ 1.18973149535723176502126385303097021e+4932F64x
```

7.4.1.170 __FLT_DECIMAL_DIG__

```
#define __FLT_DECIMAL_DIG__ 9
```

7.4.1.171 __FLT_DENORM_MIN__

```
#define __FLT_DENORM_MIN__ 1.40129846432481707092372958328991613e-45F
```

7.4.1.172 __FLT_DIG__

```
#define __FLT_DIG__ 6
```

7.4.1.173 __FLT_EPSILON__

```
#define __FLT_EPSILON__ 1.192092895507812500000000000000000000e-7F
```

7.4.1.174 __FLT_EVAL_METHOD__

```
#define __FLT_EVAL_METHOD__ 0
```

7.4.1.175 __FLT_EVAL_METHOD_TS_18661_3__

```
#define __FLT_EVAL_METHOD_TS_18661_3__ 0
```


7.4.1.176 __FLT_HAS_DENORM__

```
#define __FLT_HAS_DENORM__ 1
```

7.4.1.177 __FLT_HAS_INFINITY__

```
#define __FLT_HAS_INFINITY__ 1
```

7.4.1.178 __FLT_HAS_QUIET_NAN__

```
#define __FLT_HAS_QUIET_NAN__ 1
```

7.4.1.179 __FLT_MANT_DIG__

```
#define __FLT_MANT_DIG__ 24
```

7.4.1.180 __FLT_MAX_10_EXP__

```
#define __FLT_MAX_10_EXP__ 38
```

7.4.1.181 __FLT_MAX__

```
#define __FLT_MAX__ 3.40282346638528859811704183484516925e+38F
```

7.4.1.182 __FLT_MAX_EXP__

```
#define __FLT_MAX_EXP__ 128
```

7.4.1.183 __FLT_MIN_10_EXP__

```
#define __FLT_MIN_10_EXP__ (-37)
```

7.4.1.184 __FLT_MIN__

```
#define __FLT_MIN__ 1.17549435082228750796873653722224568e-38F
```

7.4.1.185 __FLT_MIN_EXP__

```
#define __FLT_MIN_EXP__ (-125)
```

7.4.1.186 __FLT_NORM_MAX__

```
#define __FLT_NORM_MAX__ 3.40282346638528859811704183484516925e+38F
```

7.4.1.187 __FLT_RADIX__

```
#define __FLT_RADIX__ 2
```

7.4.1.188 __FXSR__

```
#define __FXSR__ 1
```

7.4.1.189 __GCC_ASM_FLAG_OUTPUTS__

```
#define __GCC_ASM_FLAG_OUTPUTS__ 1
```

7.4.1.190 __GCC_ATOMIC_BOOL_LOCK_FREE

```
#define __GCC_ATOMIC_BOOL_LOCK_FREE 2
```

7.4.1.191 __GCC_ATOMIC_CHAR16_T_LOCK_FREE

```
#define __GCC_ATOMIC_CHAR16_T_LOCK_FREE 2
```

7.4.1.192 __GCC_ATOMIC_CHAR32_T_LOCK_FREE

```
#define __GCC_ATOMIC_CHAR32_T_LOCK_FREE 2
```

7.4.1.193 __GCC_ATOMIC_CHAR_LOCK_FREE

```
#define __GCC_ATOMIC_CHAR_LOCK_FREE 2
```

7.4.1.194 __GCC_ATOMIC_INT_LOCK_FREE

```
#define __GCC_ATOMIC_INT_LOCK_FREE 2
```

7.4.1.195 __GCC_ATOMIC_LLONG_LOCK_FREE

```
#define __GCC_ATOMIC_LLONG_LOCK_FREE 2
```

7.4.1.196 __GCC_ATOMIC_LONG_LOCK_FREE

```
#define __GCC_ATOMIC_LONG_LOCK_FREE 2
```

7.4.1.197 __GCC_ATOMIC_POINTER_LOCK_FREE

```
#define __GCC_ATOMIC_POINTER_LOCK_FREE 2
```

7.4.1.198 __GCC_ATOMIC_SHORT_LOCK_FREE

```
#define __GCC_ATOMIC_SHORT_LOCK_FREE 2
```

7.4.1.199 __GCC_ATOMIC_TEST_AND_SET_TRUEVAL

```
#define __GCC_ATOMIC_TEST_AND_SET_TRUEVAL 1
```

7.4.1.200 __GCC_ATOMIC_WCHAR_T_LOCK_FREE

```
#define __GCC_ATOMIC_WCHAR_T_LOCK_FREE 2
```

7.4.1.201 __GCC_HAVE_DWARF2_CFI_ASM

```
#define __GCC_HAVE_DWARF2_CFI_ASM 1
```

7.4.1.202 __GCC_HAVE_SYNC_COMPARE_AND_SWAP_1

```
#define __GCC_HAVE_SYNC_COMPARE_AND_SWAP_1 1
```

7.4.1.203 __GCC_HAVE_SYNC_COMPARE_AND_SWAP_2

```
#define __GCC_HAVE_SYNC_COMPARE_AND_SWAP_2 1
```

7.4.1.204 __GCC_HAVE_SYNC_COMPARE_AND_SWAP_4

```
#define __GCC_HAVE_SYNC_COMPARE_AND_SWAP_4 1
```

7.4.1.205 __GCC_HAVE_SYNC_COMPARE_AND_SWAP_8

```
#define __GCC_HAVE_SYNC_COMPARE_AND_SWAP_8 1
```

7.4.1.206 __GCC_IEC_559

```
#define __GCC_IEC_559 2
```

7.4.1.207 __GCC_IEC_559_COMPLEX

```
#define __GCC_IEC_559_COMPLEX 2
```

7.4.1.208 __GLIBCXX_BITSIZE_INT_N_0

```
#define __GLIBCXX_BITSIZE_INT_N_0 128
```

7.4.1.209 __GLIBCXX_TYPE_INT_N_0

```
#define __GLIBCXX_TYPE_INT_N_0 __int128
```

7.4.1.210 __gnu_linux__

```
#define __gnu_linux__ 1
```

7.4.1.211 __GNUC__

```
#define __GNUC__ 10
```

7.4.1.212 __GNUC_MINOR__

```
#define __GNUC_MINOR__ 2
```

7.4.1.213 __GNUC_PATCHLEVEL__

```
#define __GNUC_PATCHLEVEL__ 0
```

7.4.1.214 __GNUC_STDC_INLINE__

```
#define __GNUC_STDC_INLINE__ 1
```

7.4.1.215 __GNUG__

```
#define __GNUG__ 10
```

7.4.1.216 __GXX_ABI_VERSION

```
#define __GXX_ABI_VERSION 1014
```

7.4.1.217 __GXX_EXPERIMENTAL_CXX0X__

```
#define __GXX_EXPERIMENTAL_CXX0X__ 1
```

7.4.1.218 __GXX_RTTI

```
#define __GXX_RTTI 1
```

7.4.1.219 __GXX_WEAK__

```
#define __GXX_WEAK__ 1
```

7.4.1.220 __HAVE_SPECULATION_SAFE_VALUE

```
#define __HAVE_SPECULATION_SAFE_VALUE 1
```

7.4.1.221 __INT16_C

```
#define __INT16_C(  
    c ) c
```

7.4.1.222 __INT16_MAX__

```
#define __INT16_MAX__ 0x7fff
```

7.4.1.223 __INT16_TYPE__

```
#define __INT16_TYPE__ short int
```

7.4.1.224 __INT32_C

```
#define __INT32_C(  
    c ) c
```

7.4.1.225 __INT32_MAX__

```
#define __INT32_MAX__ 0x7fffffff
```

7.4.1.226 __INT32_TYPE__

```
#define __INT32_TYPE__ int
```

7.4.1.227 __INT64_C

```
#define __INT64_C(  
    c ) c ## L
```

7.4.1.228 __INT64_MAX__

```
#define __INT64_MAX__ 0xffffffffffffffffL
```

7.4.1.229 __INT64_TYPE__

```
#define __INT64_TYPE__ long int
```

7.4.1.230 __INT8_C

```
#define __INT8_C(  
    c ) c
```

7.4.1.231 __INT8_MAX__

```
#define __INT8_MAX__ 0x7f
```

7.4.1.232 __INT8_TYPE__

```
#define __INT8_TYPE__ signed char
```

7.4.1.233 __INT_FAST16_MAX__

```
#define __INT_FAST16_MAX__ 0x7fffffffffffffffL
```

7.4.1.234 __INT_FAST16_TYPE__

```
#define __INT_FAST16_TYPE__ long int
```

7.4.1.235 __INT_FAST16_WIDTH__

```
#define __INT_FAST16_WIDTH__ 64
```

7.4.1.236 __INT_FAST32_MAX__

```
#define __INT_FAST32_MAX__ 0x7fffffffffffffffL
```


7.4.1.237 __INT_FAST32_TYPE__

```
#define __INT_FAST32_TYPE__ long int
```

7.4.1.238 __INT_FAST32_WIDTH__

```
#define __INT_FAST32_WIDTH__ 64
```

7.4.1.239 __INT_FAST64_MAX__

```
#define __INT_FAST64_MAX__ 0x7fffffffffffffffffL
```

7.4.1.240 __INT_FAST64_TYPE__

```
#define __INT_FAST64_TYPE__ long int
```

7.4.1.241 __INT_FAST64_WIDTH__

```
#define __INT_FAST64_WIDTH__ 64
```

7.4.1.242 __INT_FAST8_MAX__

```
#define __INT_FAST8_MAX__ 0x7f
```

7.4.1.243 __INT_FAST8_TYPE__

```
#define __INT_FAST8_TYPE__ signed char
```

7.4.1.244 __INT_FAST8_WIDTH__

```
#define __INT_FAST8_WIDTH__ 8
```

7.4.1.245 __INT_LEAST16_MAX__

```
#define __INT_LEAST16_MAX__ 0x7fff
```

7.4.1.246 __INT_LEAST16_TYPE__

```
#define __INT_LEAST16_TYPE__ short int
```

7.4.1.247 __INT_LEAST16_WIDTH__

```
#define __INT_LEAST16_WIDTH__ 16
```

7.4.1.248 __INT_LEAST32_MAX__

```
#define __INT_LEAST32_MAX__ 0x7fffffff
```

7.4.1.249 __INT_LEAST32_TYPE__

```
#define __INT_LEAST32_TYPE__ int
```

7.4.1.250 __INT_LEAST32_WIDTH__

```
#define __INT_LEAST32_WIDTH__ 32
```

7.4.1.251 __INT_LEAST64_MAX__

```
#define __INT_LEAST64_MAX__ 0x7fffffffffffffffffL
```

7.4.1.252 __INT_LEAST64_TYPE__

```
#define __INT_LEAST64_TYPE__ long int
```

7.4.1.253 __INT_LEAST64_WIDTH__

```
#define __INT_LEAST64_WIDTH__ 64
```

7.4.1.254 __INT_LEAST8_MAX__

```
#define __INT_LEAST8_MAX__ 0x7f
```

7.4.1.255 __INT_LEAST8_TYPE__

```
#define __INT_LEAST8_TYPE__ signed char
```

7.4.1.256 __INT_LEAST8_WIDTH__

```
#define __INT_LEAST8_WIDTH__ 8
```

7.4.1.257 __INT_MAX__

```
#define __INT_MAX__ 0x7fffffff
```

7.4.1.258 __INT_WIDTH__

```
#define __INT_WIDTH__ 32
```

7.4.1.259 __INTMAX_C

```
#define __INTMAX_C(  
    c ) c ## L
```

7.4.1.260 __INTMAX_MAX__

```
#define __INTMAX_MAX__ 0x7fffffffffffffffL
```

7.4.1.261 __INTMAX_TYPE__

```
#define __INTMAX_TYPE__ long int
```

7.4.1.262 __INTMAX_WIDTH__

```
#define __INTMAX_WIDTH__ 64
```

7.4.1.263 __INTPTR_MAX__

```
#define __INTPTR_MAX__ 0x7fffffffffffffffL
```

7.4.1.264 __INTPTR_TYPE__

```
#define __INTPTR_TYPE__ long int
```

7.4.1.265 __INTPTR_WIDTH__

```
#define __INTPTR_WIDTH__ 64
```

7.4.1.266 __k8

```
#define __k8 1
```

7.4.1.267 __k8__

```
#define __k8__ 1
```

7.4.1.268 __LDBL_DECIMAL_DIG__

```
#define __LDBL_DECIMAL_DIG__ 21
```

7.4.1.269 __LDBL_DENORM_MIN__

```
#define __LDBL_DENORM_MIN__ 3.64519953188247460252840593361941982e-4951L
```

7.4.1.270 __LDBL_DIG__

```
#define __LDBL_DIG__ 18
```

7.4.1.271 __LDBL_EPSILON__

```
#define __LDBL_EPSILON__ 1.08420217248550443400745280086994171e-19L
```

7.4.1.272 __LDBL_HAS_DENORM__

```
#define __LDBL_HAS_DENORM__ 1
```

7.4.1.273 __LDBL_HAS_INFINITY__

```
#define __LDBL_HAS_INFINITY__ 1
```

7.4.1.274 __LDBL_HAS_QUIET_NAN__

```
#define __LDBL_HAS_QUIET_NAN__ 1
```

7.4.1.275 __LDBL_MANT_DIG__

```
#define __LDBL_MANT_DIG__ 64
```

7.4.1.276 __LDBL_MAX_10_EXP__

```
#define __LDBL_MAX_10_EXP__ 4932
```

7.4.1.277 __LDBL_MAX__

```
#define __LDBL_MAX__ 1.18973149535723176502126385303097021e+4932L
```

7.4.1.278 __LDBL_MAX_EXP__

```
#define __LDBL_MAX_EXP__ 16384
```

7.4.1.279 __LDBL_MIN_10_EXP__

```
#define __LDBL_MIN_10_EXP__ (-4931)
```

7.4.1.280 __LDBL_MIN__

```
#define __LDBL_MIN__ 3.36210314311209350626267781732175260e-4932L
```

7.4.1.281 __LDBL_MIN_EXP__

```
#define __LDBL_MIN_EXP__ (-16381)
```

7.4.1.282 __LDBL_NORM_MAX__

```
#define __LDBL_NORM_MAX__ 1.18973149535723176502126385303097021e+4932L
```

7.4.1.283 __linux

```
#define __linux 1
```

7.4.1.284 __linux__

```
#define __linux__ 1
```

7.4.1.285 __LONG_LONG_MAX__

```
#define __LONG_LONG_MAX__ 0x7fffffffffffffffffLL
```

7.4.1.286 __LONG_LONG_WIDTH__

```
#define __LONG_LONG_WIDTH__ 64
```

7.4.1.287 __LONG_MAX__

```
#define __LONG_MAX__ 0x7fffffffffffffffL
```

7.4.1.288 __LONG_WIDTH__

```
#define __LONG_WIDTH__ 64
```

7.4.1.289 __LP64__

```
#define __LP64__ 1
```

7.4.1.290 __MMX__

```
#define __MMX__ 1
```

7.4.1.291 __MMX_WITH_SSE__

```
#define __MMX_WITH_SSE__ 1
```

7.4.1.292 __NO_INLINE__

```
#define __NO_INLINE__ 1
```

7.4.1.293 __ORDER_BIG_ENDIAN__

```
#define __ORDER_BIG_ENDIAN__ 4321
```

7.4.1.294 __ORDER_LITTLE_ENDIAN__

```
#define __ORDER_LITTLE_ENDIAN__ 1234
```

7.4.1.295 __ORDER_PDP_ENDIAN__

```
#define __ORDER_PDP_ENDIAN__ 3412
```

7.4.1.296 __pic__

```
#define __pic__ 2
```

7.4.1.297 __PIC__

```
#define __PIC__ 2
```

7.4.1.298 __pie__

```
#define __pie__ 2
```

7.4.1.299 __PIE__

```
#define __PIE__ 2
```


7.4.1.300 __PRAGMA_REDEFINE_EXTNAME

```
#define __PRAGMA_REDEFINE_EXTNAME 1
```

7.4.1.301 __PTRDIFF_MAX__

```
#define __PTRDIFF_MAX__ 0x7fffffffffffffffffL
```

7.4.1.302 __PTRDIFF_TYPE__

```
#define __PTRDIFF_TYPE__ long int
```

7.4.1.303 __PTRDIFF_WIDTH__

```
#define __PTRDIFF_WIDTH__ 64
```

7.4.1.304 __REGISTER_PREFIX__

```
#define __REGISTER_PREFIX__
```

7.4.1.305 __SCHAR_MAX__

```
#define __SCHAR_MAX__ 0x7f
```

7.4.1.306 __SCHAR_WIDTH__

```
#define __SCHAR_WIDTH__ 8
```

7.4.1.307 __SEG_FS

```
#define __SEG_FS 1
```

7.4.1.308 __SEG_GS

```
#define __SEG_GS 1
```

7.4.1.309 __SHRT_MAX__

```
#define __SHRT_MAX__ 0x7fff
```

7.4.1.310 __SHRT_WIDTH__

```
#define __SHRT_WIDTH__ 16
```

7.4.1.311 __SIG_ATOMIC_MAX__

```
#define __SIG_ATOMIC_MAX__ 0x7fffffff
```

7.4.1.312 __SIG_ATOMIC_MIN__

```
#define __SIG_ATOMIC_MIN__ (-__SIG_ATOMIC_MAX__ - 1)
```

7.4.1.313 __SIG_ATOMIC_TYPE__

```
#define __SIG_ATOMIC_TYPE__ int
```

7.4.1.314 __SIG_ATOMIC_WIDTH__

```
#define __SIG_ATOMIC_WIDTH__ 32
```

7.4.1.315 __SIZE_MAX__

```
#define __SIZE_MAX__ 0xffffffffffffffffUL
```

7.4.1.316 __SIZE_TYPE__

```
#define __SIZE_TYPE__ long unsigned int
```

7.4.1.317 __SIZE_WIDTH__

```
#define __SIZE_WIDTH__ 64
```

7.4.1.318 __SIZEOF_DOUBLE__

```
#define __SIZEOF_DOUBLE__ 8
```

7.4.1.319 __SIZEOF_FLOAT128__

```
#define __SIZEOF_FLOAT128__ 16
```

7.4.1.320 __SIZEOF_FLOAT80__

```
#define __SIZEOF_FLOAT80__ 16
```

7.4.1.321 __SIZEOF_FLOAT__

```
#define __SIZEOF_FLOAT__ 4
```

7.4.1.322 __SIZEOF_INT128__

```
#define __SIZEOF_INT128__ 16
```

7.4.1.323 __SIZEOF_INT__

```
#define __SIZEOF_INT__ 4
```

7.4.1.324 __SIZEOF_LONG__

```
#define __SIZEOF_LONG__ 8
```

7.4.1.325 __SIZEOF_LONG_DOUBLE__

```
#define __SIZEOF_LONG_DOUBLE__ 16
```

7.4.1.326 __SIZEOF_LONG_LONG__

```
#define __SIZEOF_LONG_LONG__ 8
```

7.4.1.327 __SIZEOF_POINTER__

```
#define __SIZEOF_POINTER__ 8
```

7.4.1.328 __SIZEOF_PTRDIFF_T__

```
#define __SIZEOF_PTRDIFF_T__ 8
```

7.4.1.329 __SIZEOF_SHORT__

```
#define __SIZEOF_SHORT__ 2
```

7.4.1.330 __SIZEOF_SIZE_T__

```
#define __SIZEOF_SIZE_T__ 8
```

7.4.1.331 __SIZEOF_WCHAR_T__

```
#define __SIZEOF_WCHAR_T__ 4
```

7.4.1.332 __SIZEOF_WINT_T__

```
#define __SIZEOF_WINT_T__ 4
```

7.4.1.333 __SSE2__

```
#define __SSE2__ 1
```

7.4.1.334 __SSE2_MATH__

```
#define __SSE2_MATH__ 1
```

7.4.1.335 __SSE__

```
#define __SSE__ 1
```

7.4.1.336 __SSE_MATH__

```
#define __SSE_MATH__ 1
```

7.4.1.337 __SSP_STRONG__

```
#define __SSP_STRONG__ 3
```

7.4.1.338 __STDC__

```
#define __STDC__ 1
```

7.4.1.339 __STDC_HOSTED__

```
#define __STDC_HOSTED__ 1
```

7.4.1.340 __STDC_IEC_559__

```
#define __STDC_IEC_559__ 1
```

7.4.1.341 __STDC_IEC_559_COMPLEX__

```
#define __STDC_IEC_559_COMPLEX__ 1
```

7.4.1.342 __STDC_ISO_10646__

```
#define __STDC_ISO_10646__ 201706L
```

7.4.1.343 __STDC_UTF_16__

```
#define __STDC_UTF_16__ 1
```

7.4.1.344 __STDC_UTF_32__

```
#define __STDC_UTF_32__ 1
```

7.4.1.345 __UINT16_C

```
#define __UINT16_C(  
    c ) c
```

7.4.1.346 __UINT16_MAX__

```
#define __UINT16_MAX__ 0xffff
```

7.4.1.347 __UINT16_TYPE__

```
#define __UINT16_TYPE__ short unsigned int
```

7.4.1.348 __UINT32_C

```
#define __UINT32_C(  
    c ) c ## U
```

7.4.1.349 __UINT32_MAX__

```
#define __UINT32_MAX__ 0xffffffffU
```

7.4.1.350 __UINT32_TYPE__

```
#define __UINT32_TYPE__ unsigned int
```

7.4.1.351 __UINT64_C

```
#define __UINT64_C(  
    c ) c ## UL
```

7.4.1.352 __UINT64_MAX__

```
#define __UINT64_MAX__ 0xffffffffffffffffUL
```

7.4.1.353 __UINT64_TYPE__

```
#define __UINT64_TYPE__ long unsigned int
```

7.4.1.354 __UINT8_C

```
#define __UINT8_C(  
    c ) c
```

7.4.1.355 __UINT8_MAX__

```
#define __UINT8_MAX__ 0xff
```

7.4.1.356 __UINT8_TYPE__

```
#define __UINT8_TYPE__ unsigned char
```

7.4.1.357 __UINT_FAST16_MAX__

```
#define __UINT_FAST16_MAX__ 0xffffffffffffffffUL
```

7.4.1.358 __UINT_FAST16_TYPE__

```
#define __UINT_FAST16_TYPE__ long unsigned int
```

7.4.1.359 __UINT_FAST32_MAX__

```
#define __UINT_FAST32_MAX__ 0xffffffffffffffffUL
```

7.4.1.360 __UINT_FAST32_TYPE__

```
#define __UINT_FAST32_TYPE__ long unsigned int
```


7.4.1.361 __UINT_FAST64_MAX__

```
#define __UINT_FAST64_MAX__ 0xffffffffffffffffUL
```

7.4.1.362 __UINT_FAST64_TYPE__

```
#define __UINT_FAST64_TYPE__ long unsigned int
```

7.4.1.363 __UINT_FAST8_MAX__

```
#define __UINT_FAST8_MAX__ 0xff
```

7.4.1.364 __UINT_FAST8_TYPE__

```
#define __UINT_FAST8_TYPE__ unsigned char
```

7.4.1.365 __UINT_LEAST16_MAX__

```
#define __UINT_LEAST16_MAX__ 0xffff
```

7.4.1.366 __UINT_LEAST16_TYPE__

```
#define __UINT_LEAST16_TYPE__ short unsigned int
```

7.4.1.367 __UINT_LEAST32_MAX__

```
#define __UINT_LEAST32_MAX__ 0xffffffffU
```

7.4.1.368 __UINT_LEAST32_TYPE__

```
#define __UINT_LEAST32_TYPE__ unsigned int
```

7.4.1.369 __UINT_LEAST64_MAX__

```
#define __UINT_LEAST64_MAX__ 0xffffffffffffffffUL
```

7.4.1.370 __UINT_LEAST64_TYPE__

```
#define __UINT_LEAST64_TYPE__ long unsigned int
```

7.4.1.371 __UINT_LEAST8_MAX__

```
#define __UINT_LEAST8_MAX__ 0xff
```

7.4.1.372 __UINT_LEAST8_TYPE__

```
#define __UINT_LEAST8_TYPE__ unsigned char
```

7.4.1.373 __UINTMAX_C

```
#define __UINTMAX_C(  
    c ) c ## UL
```

7.4.1.374 __UINTMAX_MAX__

```
#define __UINTMAX_MAX__ 0xffffffffffffffffUL
```

7.4.1.375 __UINTMAX_TYPE__

```
#define __UINTMAX_TYPE__ long unsigned int
```

7.4.1.376 __UINTPTR_MAX__

```
#define __UINTPTR_MAX__ 0xffffffffffffffffUL
```

7.4.1.377 __UINTPTR_TYPE__

```
#define __UINTPTR_TYPE__ long unsigned int
```

7.4.1.378 __unix

```
#define __unix 1
```

7.4.1.379 __unix__

```
#define __unix__ 1
```

7.4.1.380 __USER_LABEL_PREFIX__

```
#define __USER_LABEL_PREFIX__
```

7.4.1.381 __VERSION__

```
#define __VERSION__ "10.2.0"
```

7.4.1.382 __WCHAR_MAX__

```
#define __WCHAR_MAX__ 0x7fffffff
```

7.4.1.383 __WCHAR_MIN__

```
#define __WCHAR_MIN__ (-__WCHAR_MAX__ - 1)
```

7.4.1.384 __WCHAR_TYPE__

```
#define __WCHAR_TYPE__ int
```

7.4.1.385 __WCHAR_WIDTH__

```
#define __WCHAR_WIDTH__ 32
```

7.4.1.386 __WINT_MAX__

```
#define __WINT_MAX__ 0xffffffffU
```

7.4.1.387 __WINT_MIN__

```
#define __WINT_MIN__ 0U
```

7.4.1.388 __WINT_TYPE__

```
#define __WINT_TYPE__ unsigned int
```

7.4.1.389 __WINT_WIDTH__

```
#define __WINT_WIDTH__ 32
```

7.4.1.390 __x86_64

```
#define __x86_64 1
```

7.4.1.391 __x86_64__

```
#define __x86_64__ 1
```

7.4.1.392 _GNU_SOURCE

```
#define _GNU_SOURCE 1
```

7.4.1.393 _LP64

```
#define _LP64 1
```

7.4.1.394 _STDC_PREDEF_H

```
#define _STDC_PREDEF_H 1
```

7.4.1.395 ABI_ID

```
#define ABI_ID "ELF"
```

7.4.1.396 linux

```
#define linux 1
```

7.4.1.397 QT_CORE_LIB

```
#define QT_CORE_LIB 1
```

7.4.1.398 QT_GUI_LIB

```
#define QT_GUI_LIB 1
```

7.4.1.399 QT_WIDGETS_LIB

```
#define QT_WIDGETS_LIB 1
```

7.4.1.400 SIZEOF_DPTR

```
#define SIZEOF_DPTR (sizeof(void*))
```

7.4.1.401 unix

```
#define unix 1
```

7.5 Dokumentacja pliku calendar_autogen/moc_predefs.h

Definicje

- `#define __SSP_STRONG__ 3`
- `#define __DBL_MIN_EXP__ (-1021)`
- `#define __cpp_attributes 200809L`
- `#define __UINT_LEAST16_MAX__ 0xffff`
- `#define __ATOMIC_ACQUIRE 2`
- `#define __FLT128_MAX_10_EXP__ 4932`
- `#define __FLT_MIN__ 1.17549435082228750796873653722224568e-38F`
- `#define __GCC_IEC_559_COMPLEX 2`
- `#define __cpp_aggregate_nsdmi 201304L`
- `#define __UINT_LEAST8_TYPE__ unsigned char`
- `#define __SIZEOF_FLOAT80__ 16`
- `#define __INTMAX_C(c) c ## L`
- `#define __CHAR_BIT__ 8`
- `#define __UINT8_MAX__ 0xff`
- `#define __SCHAR_WIDTH__ 8`
- `#define __WINT_MAX__ 0xffffffffU`
- `#define __FLT32_MIN_EXP__ (-125)`
- `#define __cpp_static_assert 200410L`
- `#define QT_GUI_LIB 1`
- `#define __ORDER_LITTLE_ENDIAN__ 1234`
- `#define __SIZE_MAX__ 0xffffffffffffffffUL`
- `#define __WCHAR_MAX__ 0x7fffffff`
- `#define __GCC_HAVE_SYNC_COMPARE_AND_SWAP_1 1`
- `#define __GCC_HAVE_SYNC_COMPARE_AND_SWAP_2 1`
- `#define __GCC_HAVE_SYNC_COMPARE_AND_SWAP_4 1`
- `#define __DBL_DENORM_MIN__ double(4.94065645841246544176568792868221372e-324L)`
- `#define __GCC_HAVE_SYNC_COMPARE_AND_SWAP_8 1`
- `#define __GCC_ATOMIC_CHAR_LOCK_FREE 2`
- `#define __GCC_IEC_559 2`
- `#define __FLT32X_DECIMAL_DIG__ 17`
- `#define __FLT_EVAL_METHOD__ 0`
- `#define __cpp_binary_literals 201304L`
- `#define __FLT64_DECIMAL_DIG__ 17`
- `#define __GCC_ATOMIC_CHAR32_T_LOCK_FREE 2`
- `#define __cpp_variadic_templates 200704L`
- `#define __UINT_FAST64_MAX__ 0xffffffffffffffffUL`
- `#define __SIG_ATOMIC_TYPE__ int`

- #define __DBL_MIN_10_EXP__ (-307)
- #define __FINITE_MATH_ONLY__ 0
- #define __cpp_variable_templates 201304L
- #define __FLT32X_MAX_EXP__ 1024
- #define __FLT32_HAS_DENORM__ 1
- #define __UINT_FAST8_MAX__ 0xff
- #define __cpp_rvalue_reference 200610L
- #define __FLT32_MAX_10_EXP__ 38
- #define __DEC64_MAX_EXP__ 385
- #define __INT8_C(c) c
- #define __INT_LEAST8_WIDTH__ 8
- #define __UINT_LEAST64_MAX__ 0xffffffffffffffffUL
- #define __SHRT_MAX__ 0x7fff
- #define __LDBL_MAX__ 1.18973149535723176502126385303097021e+4932L
- #define __FLT64X_MAX_10_EXP__ 4932
- #define QT_NO_DEBUG 1
- #define __FLT64X_HAS_QUIET_NAN__ 1
- #define __UINT_LEAST8_MAX__ 0xff
- #define __GCC_ATOMIC_BOOL_LOCK_FREE 2
- #define __FLT128_DENORM_MIN__ 6.47517511943802511092443895822764655e-4966F128
- #define __UINTMAX_TYPE__ long unsigned int
- #define __linux 1
- #define __DEC32_EPSILON__ 1E-6DF
- #define __FLT_EVAL_METHOD_TS_18661_3__ 0
- #define __unix 1
- #define __UINT32_MAX__ 0xffffffffU
- #define __GXX_EXPERIMENTAL_CXX0X__ 1
- #define __FLT128_MIN_EXP__ (-16381)
- #define __WINT_MIN__ 0U
- #define __FLT128_MIN_10_EXP__ (-4931)
- #define __INT_LEAST16_WIDTH__ 16
- #define __SCHAR_MAX__ 0x7f
- #define __FLT128_MANT_DIG__ 113
- #define __WCHAR_MIN__ (-__WCHAR_MAX__ - 1)
- #define __INT64_C(c) c ## L
- #define __GCC_ATOMIC_POINTER_LOCK_FREE 2
- #define __FLT32X_MANT_DIG__ 53
- #define __GCC_ATOMIC_CHAR16_T_LOCK_FREE 2
- #define __USER_LABEL_PREFIX__
- #define __FLT64X_EPSILON__ 1.08420217248550443400745280086994171e-19F64x
- #define __STDC_HOSTED__ 1
- #define __DEC64_MIN_EXP__ (-382)
- #define __cpp_decltype_auto 201304L
- #define __DBL_DIG__ 15
- #define __FLT32_DIG__ 6
- #define __FLT_EPSILON__ 1.1920928955078125000000000000000000000e-7F
- #define __GXX_WEAK__ 1
- #define __SHRT_WIDTH__ 16
- #define __LDBL_MIN__ 3.36210314311209350626267781732175260e-4932L
- #define __DEC32_MAX__ 9.999999E96DF
- #define __cpp_threadsafe_static_init 200806L
- #define __FLT64X_DENORM_MIN__ 3.64519953188247460252840593361941982e-4951F64x
- #define __FLT32X_HAS_INFINITY__ 1
- #define __INT32_MAX__ 0x7fffffff
- #define __unix__ 1

- `#define __INT_WIDTH__ 32`
- `#define __SIZEOF_LONG__ 8`
- `#define __STDC_IEC_559__ 1`
- `#define __STDC_ISO_10646__ 201706L`
- `#define __UINT16_C(c) c`
- `#define __DECIMAL_DIG__ 21`
- `#define __STDC_IEC_559_COMPLEX__ 1`
- `#define __FLT64_EPSILON__ 2.22044604925031308084726333618164062e-16F64`
- `#define __gnu_linux__ 1`
- `#define __INT16_MAX__ 0x7fff`
- `#define __FLT64_MIN_EXP__ (-1021)`
- `#define __FLT64X_MIN_10_EXP__ (-4931)`
- `#define __LDBL_HAS_QUIET_NAN__ 1`
- `#define __FLT64_MANT_DIG__ 53`
- `#define __FLT64X_MANT_DIG__ 64`
- `#define __GNUC__ 10`
- `#define __GXX_RTTI 1`
- `#define __pie__ 2`
- `#define __MMX__ 1`
- `#define __FLT_HAS_DENORM__ 1`
- `#define __SIZEOF_LONG_DOUBLE__ 16`
- `#define __BIGGEST_ALIGNMENT__ 16`
- `#define __STDC_UTF_16__ 1`
- `#define __FLT64_MAX_10_EXP__ 308`
- `#define __cpp_delegating_constructors 200604L`
- `#define __FLT32_HAS_INFINITY__ 1`
- `#define __DBL_MAX__ double(1.79769313486231570814527423731704357e+308L)`
- `#define __cpp_raw_strings 200710L`
- `#define __INT_FAST32_MAX__ 0x7fffffffffffffffL`
- `#define __DBL_HAS_INFINITY__ 1`
- `#define __SIZEOF_FLOAT__ 4`
- `#define __HAVE_SPECULATION_SAFE_VALUE 1`
- `#define __DEC32_MIN_EXP__ (-94)`
- `#define __INTPTR_WIDTH__ 64`
- `#define __FLT64X_HAS_INFINITY__ 1`
- `#define __UINT_LEAST32_MAX__ 0xffffffffU`
- `#define __FLT32X_HAS_DENORM__ 1`
- `#define __INT_FAST16_TYPE__ long int`
- `#define __MMX_WITH_SSE__ 1`
- `#define __LDBL_HAS_DENORM__ 1`
- `#define QT_WIDGETS_LIB 1`
- `#define __cplusplus 201402L`
- `#define __cpp_ref_qualifiers 200710L`
- `#define __DEC32_MIN__ 1E-95DF`
- `#define __DEPRECATED 1`
- `#define __cpp_rvalue_references 200610L`
- `#define __DBL_MAX_EXP__ 1024`
- `#define __WCHAR_WIDTH__ 32`
- `#define __FLT32_MAX__ 3.40282346638528859811704183484516925e+38F32`
- `#define __DEC128_EPSILON__ 1E-33DL`
- `#define __SSE2_MATH__ 1`
- `#define __ATOMIC_HLE_RELEASE 131072`
- `#define __PTRDIFF_MAX__ 0x7fffffffffffffffL`
- `#define __amd64 1`
- `#define __ATOMIC_HLE_ACQUIRE 65536`

Wygenerowano przez Doxygen

- #define `__INT16_TYPE__` short int
- #define `__INT_LEAST8_TYPE__` signed char
- #define `__SIZEOF_INT__` 4
- #define `__DEC32_MAX_EXP__` 97
- #define `__INT_FAST8_MAX__` 0x7f
- #define `__FLT128_MAX__` 1.18973149535723176508575932662800702e+4932F128
- #define `__INTPTR_MAX__` 0x7fffffffffffffffL
- #define `__cpp_sized_deallocation` 201309L
- #define `linux` 1
- #define `__FLT64_HAS_QUIET_NAN__` 1
- #define `__FLT32_MIN_10_EXP__` (-37)
- #define `__EXCEPTIONS` 1
- #define `__PTRDIFF_WIDTH__` 64
- #define `__LDBL_MANT_DIG__` 64
- #define `__cpp_range_based_for` 200907L
- #define `__FLT64_HAS_INFINITY__` 1
- #define `__FLT64X_MAX__` 1.18973149535723176502126385303097021e+4932F64x
- #define `__SIG_ATOMIC_MIN__` (-`__SIG_ATOMIC_MAX__` - 1)
- #define `__code_model_small__` 1
- #define `__GCC_ATOMIC_LONG_LOCK_FREE` 2
- #define `__DEC32_MANT_DIG__` 7
- #define `__cpp_return_type_deduction` 201304L
- #define `__k8__` 1
- #define `__INTPTR_TYPE__` long int
- #define `__UINT16_TYPE__` short unsigned int
- #define `__WCHAR_TYPE__` int
- #define `__pic__` 2
- #define `__UINTPTR_MAX__` 0xffffffffffffffUL
- #define `__INT_FAST64_WIDTH__` 64
- #define `__cpp_decltype` 200707L
- #define `__INT_FAST64_MAX__` 0x7fffffffffffffffL
- #define `__GCC_ATOMIC_TEST_AND_SET_TRUEVAL` 1
- #define `__FLT_NORM_MAX__` 3.40282346638528859811704183484516925e+38F
- #define `__FLT64X_MAX_EXP__` 16384
- #define `__UINT_FAST64_TYPE__` long unsigned int
- #define `__INT_MAX__` 0x7fffffff
- #define `linux` 1
- #define `__INT64_TYPE__` long int
- #define `__FLT_MAX_EXP__` 128
- #define `__ORDER_BIG_ENDIAN__` 4321
- #define `__DBL_MANT_DIG__` 53
- #define `__cpp_inheriting_constructors` 201511L
- #define `QT_CORE_LIB` 1
- #define `__SIZEOF_FLOAT128__` 16
- #define `__INT_LEAST64_MAX__` 0x7fffffffffffffffL
- #define `__DEC64_MIN__` 1E-383DD
- #define `__WINT_TYPE__` unsigned int
- #define `__UINT_LEAST32_TYPE__` unsigned int
- #define `__SIZEOF_SHORT__` 2
- #define `__FLT32_NORM_MAX__` 3.40282346638528859811704183484516925e+38F32
- #define `__SSE__` 1
- #define `__LDBL_MIN_EXP__` (-16381)
- #define `__FLT64_MAX__` 1.79769313486231570814527423731704357e+308F64
- #define `__amd64__` 1
- #define `__WINT_WIDTH__` 32

- #define `__INT_LEAST8_MAX__` 0x7f
- #define `__INT_LEAST64_WIDTH__` 64
- #define `__LDBL_MAX_EXP__` 16384
- #define `__FLT32X_MAX_10_EXP__` 308
- #define `__SIZEOF_INT128__` 16
- #define `__LDBL_MAX_10_EXP__` 4932
- #define `__ATOMIC_RELAXED` 0
- #define `__DBL_EPSILON__` double(2.22044604925031308084726333618164062e-16L)
- #define `__FLT128_MIN__` 3.36210314311209350626267781732175260e-4932F128
- #define `__LP64` 1
- #define `__UINT8_C(c)` c
- #define `__FLT64_MAX_EXP__` 1024
- #define `__INT_LEAST32_TYPE__` int
- #define `__SIZEOF_WCHAR_T__` 4
- #define `__GNUC_PATCHLEVEL__` 0
- #define `__FLT128_NORM_MAX__` 1.18973149535723176508575932662800702e+4932F128
- #define `__FLT64_NORM_MAX__` 1.79769313486231570814527423731704357e+308F64
- #define `__FLT128_HAS_QUIET_NAN__` 1
- #define `__INTMAX_MAX__` 0x7fffffffffffffffL
- #define `__INT_FAST8_TYPE__` signed char
- #define `__FLT64X_MIN__` 3.36210314311209350626267781732175260e-4932F64x
- #define `__GNUC_STDC_INLINE__` 1
- #define `__FLT64_HAS_DENORM__` 1
- #define `__FLT32_EPSILON__` 1.19209289550781250000000000000000000000e-7F32
- #define `__DBL_DECIMAL_DIG__` 17
- #define `__STDC_UTF_32__` 1
- #define `__INT_FAST8_WIDTH__` 8
- #define `__FXSR__` 1
- #define `__FLT32X_MAX__` 1.79769313486231570814527423731704357e+308F32x
- #define `__DBL_NORM_MAX__` double(1.79769313486231570814527423731704357e+308L)
- #define `__BYTE_ORDER__` `__ORDER_LITTLE_ENDIAN__`
- #define `__INTMAX_WIDTH__` 64
- #define `__cpp_runtime_arrays` 198712L
- #define `__UINT64_TYPE__` long unsigned int
- #define `__UINT32_C(c)` c ## U
- #define `__cpp_alias_templates` 200704L
- #define `__FLT_DENORM_MIN__` 1.40129846432481707092372958328991613e-45F
- #define `__INT8_MAX__` 0x7f
- #define `__LONG_WIDTH__` 64
- #define `__PIC__` 2
- #define `__UINT_FAST32_TYPE__` long unsigned int
- #define `__FLT32X_NORM_MAX__` 1.79769313486231570814527423731704357e+308F32x
- #define `__CHAR32_TYPE__` unsigned int
- #define `__FLT_MAX__` 3.40282346638528859811704183484516925e+38F
- #define `__cpp_constexpr` 201304L
- #define `__SSE2__` 1
- #define `__INT32_TYPE__` int
- #define `__SIZEOF_DOUBLE__` 8
- #define `__cpp_exceptions` 199711L
- #define `__FLT_MIN_10_EXP__` (-37)
- #define `__FLT64_MIN__` 2.22507385850720138309023271733240406e-308F64
- #define `__INT_LEAST32_WIDTH__` 32
- #define `__INTMAX_TYPE__` long int
- #define `__DEC128_MAX_EXP__` 6145
- #define `__FLT32X_HAS_QUIET_NAN__` 1

- `#define __ATOMIC_CONSUME 1`
- `#define __GNUC_MINOR__ 2`
- `#define __GLIBCXX_TYPE_INT_N_0__ int128`
- `#define __INT_FAST16_WIDTH__ 64`
- `#define __UINTMAX_MAX__ 0xffffffffffffffffUL`
- `#define __PIE__ 2`
- `#define __FLT32X_DENORM_MIN__ 4.94065645841246544176568792868221372e-324F32x`
- `#define __DBL_MAX_10_EXP__ 308`
- `#define __LDBL_DENORM_MIN__ 3.64519953188247460252840593361941982e-4951L`
- `#define __INT16_C(c) c`
- `#define __STDC__ 1`
- `#define __FLT32X_DIG__ 15`
- `#define __PTRDIFF_TYPE__ long int`
- `#define __ATOMIC_SEQ_CST 5`
- `#define __FLT32X_MIN_10_EXP__ (-307)`
- `#define __UINTPTR_TYPE__ long unsigned int`
- `#define __DEC64_SUBNORMAL_MIN__ 0.0000000000000001E-383DD`
- `#define __DEC128_MANT_DIG__ 34`
- `#define __LDBL_MIN_10_EXP__ (-4931)`
- `#define __cpp_generic_lambdas 201304L`
- `#define __SSE_MATH__ 1`
- `#define __SIZEOF_LONG_LONG__ 8`
- `#define __cpp_user_defined_literals 200809L`
- `#define __FLT128_DECIMAL_DIG__ 36`
- `#define __GCC_ATOMIC_LLONG_LOCK_FREE 2`
- `#define __FLT32_HAS_QUIET_NAN__ 1`
- `#define __FLT_DECIMAL_DIG__ 9`
- `#define __UINT_FAST16_MAX__ 0xffffffffffffffffUL`
- `#define __LDBL_NORM_MAX__ 1.18973149535723176502126385303097021e+4932L`
- `#define __GCC_ATOMIC_SHORT_LOCK_FREE 2`
- `#define __UINT_FAST8_TYPE__ unsigned char`
- `#define __GNU_SOURCE 1`
- `#define __cpp_init_captures 201304L`
- `#define __ATOMIC_ACQ_REL 4`
- `#define __ATOMIC_RELEASE 3`

7.5.1 Dokumentacja definicji

7.5.1.1 `__amd64`

```
#define __amd64 1
```

7.5.1.2 `__amd64__`

```
#define __amd64__ 1
```

7.5.1.3 __ATOMIC_ACQ_REL

```
#define __ATOMIC_ACQ_REL 4
```

7.5.1.4 __ATOMIC_ACQUIRE

```
#define __ATOMIC_ACQUIRE 2
```

7.5.1.5 __ATOMIC_CONSUME

```
#define __ATOMIC_CONSUME 1
```

7.5.1.6 __ATOMIC_HLE_ACQUIRE

```
#define __ATOMIC_HLE_ACQUIRE 65536
```

7.5.1.7 __ATOMIC_HLE_RELEASE

```
#define __ATOMIC_HLE_RELEASE 131072
```

7.5.1.8 __ATOMIC_RELAXED

```
#define __ATOMIC_RELAXED 0
```

7.5.1.9 __ATOMIC_RELEASE

```
#define __ATOMIC_RELEASE 3
```

7.5.1.10 __ATOMIC_SEQ_CST

```
#define __ATOMIC_SEQ_CST 5
```

7.5.1.11 __BIGGEST_ALIGNMENT__

```
#define __BIGGEST_ALIGNMENT__ 16
```

7.5.1.12 __BYTE_ORDER__

```
#define __BYTE_ORDER__ __ORDER_LITTLE_ENDIAN__
```

7.5.1.13 __CHAR16_TYPE__

```
#define __CHAR16_TYPE__ short unsigned int
```

7.5.1.14 __CHAR32_TYPE__

```
#define __CHAR32_TYPE__ unsigned int
```

7.5.1.15 __CHAR_BIT__

```
#define __CHAR_BIT__ 8
```

7.5.1.16 __code_model_small__

```
#define __code_model_small__ 1
```

7.5.1.17 __cplusplus

```
#define __cplusplus 201402L
```

7.5.1.18 __cpp_aggregate_nsdmi

```
#define __cpp_aggregate_nsdmi 201304L
```

7.5.1.19 __cpp_alias_templates

```
#define __cpp_alias_templates 200704L
```

7.5.1.20 __cpp_attributes

```
#define __cpp_attributes 200809L
```

7.5.1.21 __cpp_binary_literals

```
#define __cpp_binary_literals 201304L
```

7.5.1.22 __cpp_constexpr

```
#define __cpp_constexpr 201304L
```

7.5.1.23 __cpp_decltype

```
#define __cpp_decltype 200707L
```

7.5.1.24 __cpp_decltype_auto

```
#define __cpp_decltype_auto 201304L
```

7.5.1.25 __cpp_delegating_constructors

```
#define __cpp_delegating_constructors 200604L
```

7.5.1.26 __cpp_digit_separators

```
#define __cpp_digit_separators 201309L
```


7.5.1.27 __cpp_exceptions

```
#define __cpp_exceptions 199711L
```

7.5.1.28 __cpp_generic_lambdas

```
#define __cpp_generic_lambdas 201304L
```

7.5.1.29 __cpp_hex_float

```
#define __cpp_hex_float 201603L
```

7.5.1.30 __cpp_inheriting_constructors

```
#define __cpp_inheriting_constructors 201511L
```

7.5.1.31 __cpp_init_captures

```
#define __cpp_init_captures 201304L
```

7.5.1.32 __cpp_initializer_lists

```
#define __cpp_initializer_lists 200806L
```

7.5.1.33 __cpp_lambdas

```
#define __cpp_lambdas 200907L
```

7.5.1.34 __cpp_nsdmi

```
#define __cpp_nsdmi 200809L
```

7.5.1.35 __cpp_range_based_for

```
#define __cpp_range_based_for 200907L
```

7.5.1.36 __cpp_raw_strings

```
#define __cpp_raw_strings 200710L
```

7.5.1.37 __cpp_ref_qualifiers

```
#define __cpp_ref_qualifiers 200710L
```

7.5.1.38 __cpp_return_type_deduction

```
#define __cpp_return_type_deduction 201304L
```

7.5.1.39 __cpp_rtti

```
#define __cpp_rtti 199711L
```

7.5.1.40 __cpp_runtime_arrays

```
#define __cpp_runtime_arrays 198712L
```

7.5.1.41 __cpp_rvalue_reference

```
#define __cpp_rvalue_reference 200610L
```

7.5.1.42 __cpp_rvalue_references

```
#define __cpp_rvalue_references 200610L
```

7.5.1.43 __cpp_sized_deallocation

```
#define __cpp_sized_deallocation 201309L
```

7.5.1.44 __cpp_static_assert

```
#define __cpp_static_assert 200410L
```

7.5.1.45 __cpp_threadsafe_static_init

```
#define __cpp_threadsafe_static_init 200806L
```

7.5.1.46 __cpp_unicode_characters

```
#define __cpp_unicode_characters 200704L
```

7.5.1.47 __cpp_unicode_literals

```
#define __cpp_unicode_literals 200710L
```

7.5.1.48 __cpp_user_defined_literals

```
#define __cpp_user_defined_literals 200809L
```

7.5.1.49 __cpp_variable_templates

```
#define __cpp_variable_templates 201304L
```

7.5.1.50 __cpp_variadic_templates

```
#define __cpp_variadic_templates 200704L
```

7.5.1.51 __DBL_DECIMAL_DIG__

```
#define __DBL_DECIMAL_DIG__ 17
```

7.5.1.52 __DBL_DENORM_MIN__

```
#define __DBL_DENORM_MIN__ double(4.94065645841246544176568792868221372e-324L)
```

7.5.1.53 __DBL_DIG__

```
#define __DBL_DIG__ 15
```

7.5.1.54 __DBL_EPSILON__

```
#define __DBL_EPSILON__ double(2.22044604925031308084726333618164062e-16L)
```

7.5.1.55 __DBL_HAS_DENORM__

```
#define __DBL_HAS_DENORM__ 1
```

7.5.1.56 __DBL_HAS_INFINITY__

```
#define __DBL_HAS_INFINITY__ 1
```

7.5.1.57 __DBL_HAS_QUIET_NAN__

```
#define __DBL_HAS_QUIET_NAN__ 1
```

7.5.1.58 __DBL_MANT_DIG__

```
#define __DBL_MANT_DIG__ 53
```

7.5.1.59 __DBL_MAX_10_EXP__

```
#define __DBL_MAX_10_EXP__ 308
```

7.5.1.60 __DBL_MAX__

```
#define __DBL_MAX__ double(1.79769313486231570814527423731704357e+308L)
```

7.5.1.61 __DBL_MAX_EXP__

```
#define __DBL_MAX_EXP__ 1024
```

7.5.1.62 __DBL_MIN_10_EXP__

```
#define __DBL_MIN_10_EXP__ (-307)
```

7.5.1.63 __DBL_MIN__

```
#define __DBL_MIN__ double(2.22507385850720138309023271733240406e-308L)
```

7.5.1.64 __DBL_MIN_EXP__

```
#define __DBL_MIN_EXP__ (-1021)
```

7.5.1.65 __DBL_NORM_MAX__

```
#define __DBL_NORM_MAX__ double(1.79769313486231570814527423731704357e+308L)
```

7.5.1.66 __DEC128_EPSILON__

```
#define __DEC128_EPSILON__ 1E-33DL
```

```
#define __DEC128_MANT_DIG__ 34
```

```
#define DEC128_MAX 9.999999999999999999999999999999E6144DL
```

```
#define DEC128_MAX_EXP 6145
```

```
#define DEC128_MIN 1E-6143DL
```

```
#define __DEC128_MIN_EXP__ (-6142)
```

[illegible]

```
#define __DEC32_EPSILON__ 1E-6DF
```

```
#define __DEC32_MANT_DIG__ 7
```

7.5.1.75 __DEC32_MAX__

```
#define __DEC32_MAX__ 9.999999E96DF
```

7.5.1.76 __DEC32_MAX_EXP__

```
#define __DEC32_MAX_EXP__ 97
```

7.5.1.77 __DEC32_MIN__

```
#define __DEC32_MIN__ 1E-95DF
```

7.5.1.78 __DEC32_MIN_EXP__

```
#define __DEC32_MIN_EXP__ (-94)
```

7.5.1.79 __DEC32_SUBNORMAL_MIN__

```
#define __DEC32_SUBNORMAL_MIN__ 0.000001E-95DF
```

7.5.1.80 __DEC64_EPSILON__

```
#define __DEC64_EPSILON__ 1E-15DD
```

7.5.1.81 __DEC64_MANT_DIG__

```
#define __DEC64_MANT_DIG__ 16
```

7.5.1.82 __DEC64_MAX__

```
#define __DEC64_MAX__ 9.999999999999999E384DD
```

7.5.1.83 __DEC64_MAX_EXP__

```
#define __DEC64_MAX_EXP__ 385
```

7.5.1.84 __DEC64_MIN__

```
#define __DEC64_MIN__ 1E-383DD
```

7.5.1.85 __DEC64_MIN_EXP__

```
#define __DEC64_MIN_EXP__ (-382)
```

7.5.1.86 __DEC64_SUBNORMAL_MIN__

```
#define __DEC64_SUBNORMAL_MIN__ 0.000000000000001E-383DD
```

7.5.1.87 __DEC_EVAL_METHOD__

```
#define __DEC_EVAL_METHOD__ 2
```

7.5.1.88 __DECIMAL_BID_FORMAT__

```
#define __DECIMAL_BID_FORMAT__ 1
```

7.5.1.89 __DECIMAL_DIG__

```
#define __DECIMAL_DIG__ 21
```

7.5.1.90 __DEPRECATED

```
#define __DEPRECATED 1
```


7.5.1.91 __ELF__

```
#define __ELF__ 1
```

7.5.1.92 __EXCEPTIONS

```
#define __EXCEPTIONS 1
```

7.5.1.93 __FINITE_MATH_ONLY__

```
#define __FINITE_MATH_ONLY__ 0
```

7.5.1.94 __FLOAT_WORD_ORDER__

```
#define __FLOAT_WORD_ORDER__ __ORDER_LITTLE_ENDIAN__
```

7.5.1.95 __FLT128_DECIMAL_DIG__

```
#define __FLT128_DECIMAL_DIG__ 36
```

7.5.1.96 __FLT128_DENORM_MIN__

```
#define __FLT128_DENORM_MIN__ 6.47517511943802511092443895822764655e-4966F128
```

7.5.1.97 __FLT128_DIG__

```
#define __FLT128_DIG__ 33
```

7.5.1.98 __FLT128_EPSILON__

```
#define __FLT128_EPSILON__ 1.92592994438723585305597794258492732e-34F128
```

7.5.1.99 __FLT128_HAS_DENORM__

```
#define __FLT128_HAS_DENORM__ 1
```

7.5.1.100 __FLT128_HAS_INFINITY__

```
#define __FLT128_HAS_INFINITY__ 1
```

7.5.1.101 __FLT128_HAS_QUIET_NAN__

```
#define __FLT128_HAS_QUIET_NAN__ 1
```

7.5.1.102 __FLT128_MANT_DIG__

```
#define __FLT128_MANT_DIG__ 113
```

7.5.1.103 __FLT128_MAX_10_EXP__

```
#define __FLT128_MAX_10_EXP__ 4932
```

7.5.1.104 __FLT128_MAX__

```
#define __FLT128_MAX__ 1.18973149535723176508575932662800702e+4932F128
```

7.5.1.105 __FLT128_MAX_EXP__

```
#define __FLT128_MAX_EXP__ 16384
```

7.5.1.106 __FLT128_MIN_10_EXP__

```
#define __FLT128_MIN_10_EXP__ (-4931)
```

7.5.1.107 __FLT128_MIN__

```
#define __FLT128_MIN__ 3.36210314311209350626267781732175260e-4932F128
```

7.5.1.108 __FLT128_MIN_EXP__

```
#define __FLT128_MIN_EXP__ (-16381)
```

7.5.1.109 __FLT128_NORM_MAX__

```
#define __FLT128_NORM_MAX__ 1.18973149535723176508575932662800702e+4932F128
```

7.5.1.110 __FLT32_DECIMAL_DIG__

```
#define __FLT32_DECIMAL_DIG__ 9
```

7.5.1.111 __FLT32_DENORM_MIN__

```
#define __FLT32_DENORM_MIN__ 1.40129846432481707092372958328991613e-45F32
```

7.5.1.112 __FLT32_DIG__

```
#define __FLT32_DIG__ 6
```

7.5.1.113 __FLT32_EPSILON__

```
#define __FLT32_EPSILON__ 1.1920928955078125000000000000000000000000e-7F32
```

7.5.1.114 __FLT32_HAS_DENORM__

```
#define __FLT32_HAS_DENORM__ 1
```

7.5.1.115 __FLT32_HAS_INFINITY__

```
#define __FLT32_HAS_INFINITY__ 1
```

7.5.1.116 __FLT32_HAS_QUIET_NAN__

```
#define __FLT32_HAS_QUIET_NAN__ 1
```

7.5.1.117 __FLT32_MANT_DIG__

```
#define __FLT32_MANT_DIG__ 24
```

7.5.1.118 __FLT32_MAX_10_EXP__

```
#define __FLT32_MAX_10_EXP__ 38
```

7.5.1.119 __FLT32_MAX__

```
#define __FLT32_MAX__ 3.40282346638528859811704183484516925e+38F32
```

7.5.1.120 __FLT32_MAX_EXP__

```
#define __FLT32_MAX_EXP__ 128
```

7.5.1.121 __FLT32_MIN_10_EXP__

```
#define __FLT32_MIN_10_EXP__ (-37)
```

7.5.1.122 __FLT32_MIN__

```
#define __FLT32_MIN__ 1.17549435082228750796873653722224568e-38F32
```

7.5.1.123 __FLT32_MIN_EXP__

```
#define __FLT32_MIN_EXP__ (-125)
```

7.5.1.124 __FLT32_NORM_MAX__

```
#define __FLT32_NORM_MAX__ 3.40282346638528859811704183484516925e+38F32
```

7.5.1.125 __FLT32X_DECIMAL_DIG__

```
#define __FLT32X_DECIMAL_DIG__ 17
```

7.5.1.126 __FLT32X_DENORM_MIN__

```
#define __FLT32X_DENORM_MIN__ 4.94065645841246544176568792868221372e-324F32x
```

7.5.1.127 __FLT32X_DIG__

```
#define __FLT32X_DIG__ 15
```

7.5.1.128 __FLT32X_EPSILON__

```
#define __FLT32X_EPSILON__ 2.22044604925031308084726333618164062e-16F32x
```

7.5.1.129 __FLT32X_HAS_DENORM__

```
#define __FLT32X_HAS_DENORM__ 1
```

7.5.1.130 __FLT32X_HAS_INFINITY__

```
#define __FLT32X_HAS_INFINITY__ 1
```

7.5.1.131 __FLT32X_HAS_QUIET_NAN__

```
#define __FLT32X_HAS_QUIET_NAN__ 1
```

7.5.1.132 __FLT32X_MANT_DIG__

```
#define __FLT32X_MANT_DIG__ 53
```

7.5.1.133 __FLT32X_MAX_10_EXP__

```
#define __FLT32X_MAX_10_EXP__ 308
```

7.5.1.134 __FLT32X_MAX__

```
#define __FLT32X_MAX__ 1.79769313486231570814527423731704357e+308F32x
```

7.5.1.135 __FLT32X_MAX_EXP__

```
#define __FLT32X_MAX_EXP__ 1024
```

7.5.1.136 __FLT32X_MIN_10_EXP__

```
#define __FLT32X_MIN_10_EXP__ (-307)
```

7.5.1.137 __FLT32X_MIN__

```
#define __FLT32X_MIN__ 2.22507385850720138309023271733240406e-308F32x
```

7.5.1.138 __FLT32X_MIN_EXP__

```
#define __FLT32X_MIN_EXP__ (-1021)
```

7.5.1.139 __FLT32X_NORM_MAX__

```
#define __FLT32X_NORM_MAX__ 1.79769313486231570814527423731704357e+308F32x
```

7.5.1.140 __FLT64_DECIMAL_DIG__

```
#define __FLT64_DECIMAL_DIG__ 17
```

7.5.1.141 __FLT64_DENORM_MIN__

```
#define __FLT64_DENORM_MIN__ 4.94065645841246544176568792868221372e-324F64
```

7.5.1.142 __FLT64_DIG__

```
#define __FLT64_DIG__ 15
```

7.5.1.143 __FLT64_EPSILON__

```
#define __FLT64_EPSILON__ 2.22044604925031308084726333618164062e-16F64
```

7.5.1.144 __FLT64_HAS_DENORM__

```
#define __FLT64_HAS_DENORM__ 1
```

7.5.1.145 __FLT64_HAS_INFINITY__

```
#define __FLT64_HAS_INFINITY__ 1
```

7.5.1.146 __FLT64_HAS_QUIET_NAN__

```
#define __FLT64_HAS_QUIET_NAN__ 1
```

7.5.1.147 __FLT64_MANT_DIG__

```
#define __FLT64_MANT_DIG__ 53
```

7.5.1.148 __FLT64_MAX_10_EXP__

```
#define __FLT64_MAX_10_EXP__ 308
```

7.5.1.149 __FLT64_MAX__

```
#define __FLT64_MAX__ 1.79769313486231570814527423731704357e+308F64
```

7.5.1.150 __FLT64_MAX_EXP__

```
#define __FLT64_MAX_EXP__ 1024
```

7.5.1.151 __FLT64_MIN_10_EXP__

```
#define __FLT64_MIN_10_EXP__ (-307)
```

7.5.1.152 __FLT64_MIN__

```
#define __FLT64_MIN__ 2.22507385850720138309023271733240406e-308F64
```

7.5.1.153 __FLT64_MIN_EXP__

```
#define __FLT64_MIN_EXP__ (-1021)
```

7.5.1.154 __FLT64_NORM_MAX__

```
#define __FLT64_NORM_MAX__ 1.79769313486231570814527423731704357e+308F64
```


7.5.1.155 __FLT64X_DECIMAL_DIG__

```
#define __FLT64X_DECIMAL_DIG__ 21
```

7.5.1.156 __FLT64X_DENORM_MIN__

```
#define __FLT64X_DENORM_MIN__ 3.64519953188247460252840593361941982e-4951F64x
```

7.5.1.157 __FLT64X_DIG__

```
#define __FLT64X_DIG__ 18
```

7.5.1.158 __FLT64X_EPSILON__

```
#define __FLT64X_EPSILON__ 1.08420217248550443400745280086994171e-19F64x
```

7.5.1.159 __FLT64X_HAS_DENORM__

```
#define __FLT64X_HAS_DENORM__ 1
```

7.5.1.160 __FLT64X_HAS_INFINITY__

```
#define __FLT64X_HAS_INFINITY__ 1
```

7.5.1.161 __FLT64X_HAS_QUIET_NAN__

```
#define __FLT64X_HAS_QUIET_NAN__ 1
```

7.5.1.162 __FLT64X_MANT_DIG__

```
#define __FLT64X_MANT_DIG__ 64
```

7.5.1.163 __FLT64X_MAX_10_EXP__

```
#define __FLT64X_MAX_10_EXP__ 4932
```

7.5.1.164 __FLT64X_MAX__

```
#define __FLT64X_MAX__ 1.18973149535723176502126385303097021e+4932F64x
```

7.5.1.165 __FLT64X_MAX_EXP__

```
#define __FLT64X_MAX_EXP__ 16384
```

7.5.1.166 __FLT64X_MIN_10_EXP__

```
#define __FLT64X_MIN_10_EXP__ (-4931)
```

7.5.1.167 __FLT64X_MIN__

```
#define __FLT64X_MIN__ 3.36210314311209350626267781732175260e-4932F64x
```

7.5.1.168 __FLT64X_MIN_EXP__

```
#define __FLT64X_MIN_EXP__ (-16381)
```

7.5.1.169 __FLT64X_NORM_MAX__

```
#define __FLT64X_NORM_MAX__ 1.18973149535723176502126385303097021e+4932F64x
```

7.5.1.170 __FLT_DECIMAL_DIG__

```
#define __FLT_DECIMAL_DIG__ 9
```

7.5.1.171 __FLT_DENORM_MIN__

```
#define __FLT_DENORM_MIN__ 1.40129846432481707092372958328991613e-45F
```

7.5.1.172 __FLT_DIG__

```
#define __FLT_DIG__ 6
```

7.5.1.173 __FLT_EPSILON__

```
#define __FLT_EPSILON__ 1.1920928955078125000000000000000000000000e-7F
```

7.5.1.174 __FLT_EVAL_METHOD__

```
#define __FLT_EVAL_METHOD__ 0
```

7.5.1.175 __FLT_EVAL_METHOD_TS_18661_3__

```
#define __FLT_EVAL_METHOD_TS_18661_3__ 0
```

7.5.1.176 __FLT_HAS_DENORM__

```
#define __FLT_HAS_DENORM__ 1
```

7.5.1.177 __FLT_HAS_INFINITY__

```
#define __FLT_HAS_INFINITY__ 1
```

7.5.1.178 __FLT_HAS_QUIET_NAN__

```
#define __FLT_HAS_QUIET_NAN__ 1
```

7.5.1.179 __FLT_MANT_DIG__

```
#define __FLT_MANT_DIG__ 24
```

7.5.1.180 __FLT_MAX_10_EXP__

```
#define __FLT_MAX_10_EXP__ 38
```

7.5.1.181 __FLT_MAX__

```
#define __FLT_MAX__ 3.40282346638528859811704183484516925e+38F
```

7.5.1.182 __FLT_MAX_EXP__

```
#define __FLT_MAX_EXP__ 128
```

7.5.1.183 __FLT_MIN_10_EXP__

```
#define __FLT_MIN_10_EXP__ (-37)
```

7.5.1.184 __FLT_MIN__

```
#define __FLT_MIN__ 1.1754943508222875079687365372224568e-38F
```

7.5.1.185 __FLT_MIN_EXP__

```
#define __FLT_MIN_EXP__ (-125)
```

7.5.1.186 __FLT_NORM_MAX__

```
#define __FLT_NORM_MAX__ 3.40282346638528859811704183484516925e+38F
```

7.5.1.187 __FLT_RADIX__

```
#define __FLT_RADIX__ 2
```

7.5.1.188 __FXSR__

```
#define __FXSR__ 1
```

7.5.1.189 __GCC_ASM_FLAG_OUTPUTS__

```
#define __GCC_ASM_FLAG_OUTPUTS__ 1
```

7.5.1.190 __GCC_ATOMIC_BOOL_LOCK_FREE

```
#define __GCC_ATOMIC_BOOL_LOCK_FREE 2
```

7.5.1.191 __GCC_ATOMIC_CHAR16_T_LOCK_FREE

```
#define __GCC_ATOMIC_CHAR16_T_LOCK_FREE 2
```

7.5.1.192 __GCC_ATOMIC_CHAR32_T_LOCK_FREE

```
#define __GCC_ATOMIC_CHAR32_T_LOCK_FREE 2
```

7.5.1.193 __GCC_ATOMIC_CHAR_LOCK_FREE

```
#define __GCC_ATOMIC_CHAR_LOCK_FREE 2
```

7.5.1.194 __GCC_ATOMIC_INT_LOCK_FREE

```
#define __GCC_ATOMIC_INT_LOCK_FREE 2
```

7.5.1.195 __GCC_ATOMIC_LLONG_LOCK_FREE

```
#define __GCC_ATOMIC_LLONG_LOCK_FREE 2
```

7.5.1.196 __GCC_ATOMIC_LONG_LOCK_FREE

```
#define __GCC_ATOMIC_LONG_LOCK_FREE 2
```

7.5.1.197 __GCC_ATOMIC_POINTER_LOCK_FREE

```
#define __GCC_ATOMIC_POINTER_LOCK_FREE 2
```

7.5.1.198 __GCC_ATOMIC_SHORT_LOCK_FREE

```
#define __GCC_ATOMIC_SHORT_LOCK_FREE 2
```

7.5.1.199 __GCC_ATOMIC_TEST_AND_SET_TRUEVAL

```
#define __GCC_ATOMIC_TEST_AND_SET_TRUEVAL 1
```

7.5.1.200 __GCC_ATOMIC_WCHAR_T_LOCK_FREE

```
#define __GCC_ATOMIC_WCHAR_T_LOCK_FREE 2
```

7.5.1.201 __GCC_HAVE_DWARF2_CFI_ASM

```
#define __GCC_HAVE_DWARF2_CFI_ASM 1
```

7.5.1.202 __GCC_HAVE_SYNC_COMPARE_AND_SWAP_1

```
#define __GCC_HAVE_SYNC_COMPARE_AND_SWAP_1 1
```

7.5.1.203 __GCC_HAVE_SYNC_COMPARE_AND_SWAP_2

```
#define __GCC_HAVE_SYNC_COMPARE_AND_SWAP_2 1
```

7.5.1.204 __GCC_HAVE_SYNC_COMPARE_AND_SWAP_4

```
#define __GCC_HAVE_SYNC_COMPARE_AND_SWAP_4 1
```

7.5.1.205 __GCC_HAVE_SYNC_COMPARE_AND_SWAP_8

```
#define __GCC_HAVE_SYNC_COMPARE_AND_SWAP_8 1
```

7.5.1.206 __GCC_IEC_559

```
#define __GCC_IEC_559 2
```

7.5.1.207 __GCC_IEC_559_COMPLEX

```
#define __GCC_IEC_559_COMPLEX 2
```

7.5.1.208 __GLIBCXX_BITSIZE_INT_N_0

```
#define __GLIBCXX_BITSIZE_INT_N_0 128
```

7.5.1.209 __GLIBCXX_TYPE_INT_N_0

```
#define __GLIBCXX_TYPE_INT_N_0 __int128
```

7.5.1.210 __gnu_linux__

```
#define __gnu_linux__ 1
```

7.5.1.211 __GNUC__

```
#define __GNUC__ 10
```

7.5.1.212 __GNUC_MINOR__

```
#define __GNUC_MINOR__ 2
```

7.5.1.213 __GNUC_PATCHLEVEL__

```
#define __GNUC_PATCHLEVEL__ 0
```

7.5.1.214 __GNUC_STDC_INLINE__

```
#define __GNUC_STDC_INLINE__ 1
```

7.5.1.215 __GNUG__

```
#define __GNUG__ 10
```

7.5.1.216 __GXX_ABI_VERSION

```
#define __GXX_ABI_VERSION 1014
```

7.5.1.217 __GXX_EXPERIMENTAL_CXX0X__

```
#define __GXX_EXPERIMENTAL_CXX0X__ 1
```

7.5.1.218 __GXX_RTTI

```
#define __GXX_RTTI 1
```


7.5.1.219 __GXX_WEAK__

```
#define __GXX_WEAK__ 1
```

7.5.1.220 __HAVE_SPECULATION_SAFE_VALUE

```
#define __HAVE_SPECULATION_SAFE_VALUE 1
```

7.5.1.221 __INT16_C

```
#define __INT16_C(  
    c ) c
```

7.5.1.222 __INT16_MAX__

```
#define __INT16_MAX__ 0x7fff
```

7.5.1.223 __INT16_TYPE__

```
#define __INT16_TYPE__ short int
```

7.5.1.224 __INT32_C

```
#define __INT32_C(  
    c ) c
```

7.5.1.225 __INT32_MAX__

```
#define __INT32_MAX__ 0x7fffffff
```

7.5.1.226 __INT32_TYPE__

```
#define __INT32_TYPE__ int
```

7.5.1.227 __INT64_C

```
#define __INT64_C(  
    c ) c ## L
```

7.5.1.228 __INT64_MAX__

```
#define __INT64_MAX__ 0x7fffffffffffffffL
```

7.5.1.229 __INT64_TYPE__

```
#define __INT64_TYPE__ long int
```

7.5.1.230 __INT8_C

```
#define __INT8_C(  
    c ) c
```

7.5.1.231 __INT8_MAX__

```
#define __INT8_MAX__ 0x7f
```

7.5.1.232 __INT8_TYPE__

```
#define __INT8_TYPE__ signed char
```

7.5.1.233 __INT_FAST16_MAX__

```
#define __INT_FAST16_MAX__ 0x7fffffffffffffffL
```

7.5.1.234 __INT_FAST16_TYPE__

```
#define __INT_FAST16_TYPE__ long int
```

7.5.1.235 __INT_FAST16_WIDTH__

```
#define __INT_FAST16_WIDTH__ 64
```

7.5.1.236 __INT_FAST32_MAX__

```
#define __INT_FAST32_MAX__ 0x7fffffffffffffffL
```

7.5.1.237 __INT_FAST32_TYPE__

```
#define __INT_FAST32_TYPE__ long int
```

7.5.1.238 __INT_FAST32_WIDTH__

```
#define __INT_FAST32_WIDTH__ 64
```

7.5.1.239 __INT_FAST64_MAX__

```
#define __INT_FAST64_MAX__ 0x7fffffffffffffffL
```

7.5.1.240 __INT_FAST64_TYPE__

```
#define __INT_FAST64_TYPE__ long int
```

7.5.1.241 __INT_FAST64_WIDTH__

```
#define __INT_FAST64_WIDTH__ 64
```

7.5.1.242 __INT_FAST8_MAX__

```
#define __INT_FAST8_MAX__ 0x7f
```

7.5.1.243 __INT_FAST8_TYPE__

```
#define __INT_FAST8_TYPE__ signed char
```

7.5.1.244 __INT_FAST8_WIDTH__

```
#define __INT_FAST8_WIDTH__ 8
```

7.5.1.245 __INT_LEAST16_MAX__

```
#define __INT_LEAST16_MAX__ 0x7fff
```

7.5.1.246 __INT_LEAST16_TYPE__

```
#define __INT_LEAST16_TYPE__ short int
```

7.5.1.247 __INT_LEAST16_WIDTH__

```
#define __INT_LEAST16_WIDTH__ 16
```

7.5.1.248 __INT_LEAST32_MAX__

```
#define __INT_LEAST32_MAX__ 0x7fffffff
```

7.5.1.249 __INT_LEAST32_TYPE__

```
#define __INT_LEAST32_TYPE__ int
```

7.5.1.250 __INT_LEAST32_WIDTH__

```
#define __INT_LEAST32_WIDTH__ 32
```

7.5.1.251 __INT_LEAST64_MAX__

```
#define __INT_LEAST64_MAX__ 0x7fffffffffffffffffL
```

7.5.1.252 __INT_LEAST64_TYPE__

```
#define __INT_LEAST64_TYPE__ long int
```

7.5.1.253 __INT_LEAST64_WIDTH__

```
#define __INT_LEAST64_WIDTH__ 64
```

7.5.1.254 __INT_LEAST8_MAX__

```
#define __INT_LEAST8_MAX__ 0x7f
```

7.5.1.255 __INT_LEAST8_TYPE__

```
#define __INT_LEAST8_TYPE__ signed char
```

7.5.1.256 __INT_LEAST8_WIDTH__

```
#define __INT_LEAST8_WIDTH__ 8
```

7.5.1.257 __INT_MAX__

```
#define __INT_MAX__ 0x7fffffff
```

7.5.1.258 __INT_WIDTH__

```
#define __INT_WIDTH__ 32
```

7.5.1.259 __INTMAX_C

```
#define __INTMAX_C(  
    c ) c ## L
```

7.5.1.260 __INTMAX_MAX__

```
#define __INTMAX_MAX__ 0x7fffffffffffffffL
```

7.5.1.261 __INTMAX_TYPE__

```
#define __INTMAX_TYPE__ long int
```

7.5.1.262 __INTMAX_WIDTH__

```
#define __INTMAX_WIDTH__ 64
```

7.5.1.263 __INTPTR_MAX__

```
#define __INTPTR_MAX__ 0x7fffffffffffffffL
```

7.5.1.264 __INTPTR_TYPE__

```
#define __INTPTR_TYPE__ long int
```

7.5.1.265 __INTPTR_WIDTH__

```
#define __INTPTR_WIDTH__ 64
```

7.5.1.266 __k8

```
#define __k8 1
```

7.5.1.267 __k8__

```
#define __k8__ 1
```

7.5.1.268 __LDBL_DECIMAL_DIG__

```
#define __LDBL_DECIMAL_DIG__ 21
```

7.5.1.269 __LDBL_DENORM_MIN__

```
#define __LDBL_DENORM_MIN__ 3.64519953188247460252840593361941982e-4951L
```

7.5.1.270 __LDBL_DIG__

```
#define __LDBL_DIG__ 18
```

7.5.1.271 __LDBL_EPSILON__

```
#define __LDBL_EPSILON__ 1.08420217248550443400745280086994171e-19L
```

7.5.1.272 __LDBL_HAS_DENORM__

```
#define __LDBL_HAS_DENORM__ 1
```

7.5.1.273 __LDBL_HAS_INFINITY__

```
#define __LDBL_HAS_INFINITY__ 1
```

7.5.1.274 __LDBL_HAS_QUIET_NAN__

```
#define __LDBL_HAS_QUIET_NAN__ 1
```

7.5.1.275 __LDBL_MANT_DIG__

```
#define __LDBL_MANT_DIG__ 64
```

7.5.1.276 __LDBL_MAX_10_EXP__

```
#define __LDBL_MAX_10_EXP__ 4932
```

7.5.1.277 __LDBL_MAX__

```
#define __LDBL_MAX__ 1.18973149535723176502126385303097021e+4932L
```

7.5.1.278 __LDBL_MAX_EXP__

```
#define __LDBL_MAX_EXP__ 16384
```

7.5.1.279 __LDBL_MIN_10_EXP__

```
#define __LDBL_MIN_10_EXP__ (-4931)
```


7.5.1.280 __LDBL_MIN__

```
#define __LDBL_MIN__ 3.36210314311209350626267781732175260e-4932L
```

7.5.1.281 __LDBL_MIN_EXP__

```
#define __LDBL_MIN_EXP__ (-16381)
```

7.5.1.282 __LDBL_NORM_MAX__

```
#define __LDBL_NORM_MAX__ 1.18973149535723176502126385303097021e+4932L
```

7.5.1.283 __linux

```
#define __linux 1
```

7.5.1.284 __linux__

```
#define __linux__ 1
```

7.5.1.285 __LONG_LONG_MAX__

```
#define __LONG_LONG_MAX__ 0x7fffffffffffffffffLL
```

7.5.1.286 __LONG_LONG_WIDTH__

```
#define __LONG_LONG_WIDTH__ 64
```

7.5.1.287 __LONG_MAX__

```
#define __LONG_MAX__ 0x7fffffffffffffffL
```

7.5.1.288 __LONG_WIDTH__

```
#define __LONG_WIDTH__ 64
```

7.5.1.289 __LP64__

```
#define __LP64__ 1
```

7.5.1.290 __MMX__

```
#define __MMX__ 1
```

7.5.1.291 __MMX_WITH_SSE__

```
#define __MMX_WITH_SSE__ 1
```

7.5.1.292 __NO_INLINE__

```
#define __NO_INLINE__ 1
```

7.5.1.293 __ORDER_BIG_ENDIAN__

```
#define __ORDER_BIG_ENDIAN__ 4321
```

7.5.1.294 __ORDER_LITTLE_ENDIAN__

```
#define __ORDER_LITTLE_ENDIAN__ 1234
```

7.5.1.295 __ORDER_PDP_ENDIAN__

```
#define __ORDER_PDP_ENDIAN__ 3412
```

7.5.1.296 __pic__

```
#define __pic__ 2
```

7.5.1.297 __PIC__

```
#define __PIC__ 2
```

7.5.1.298 __pie__

```
#define __pie__ 2
```

7.5.1.299 __PIE__

```
#define __PIE__ 2
```

7.5.1.300 __PRAGMA_REDEFINE_EXTNAME

```
#define __PRAGMA_REDEFINE_EXTNAME 1
```

7.5.1.301 __PTRDIFF_MAX__

```
#define __PTRDIFF_MAX__ 0x7fffffffffffffffffL
```

7.5.1.302 __PTRDIFF_TYPE__

```
#define __PTRDIFF_TYPE__ long int
```

7.5.1.303 __PTRDIFF_WIDTH__

```
#define __PTRDIFF_WIDTH__ 64
```

7.5.1.304 __REGISTER_PREFIX__

```
#define __REGISTER_PREFIX__
```

7.5.1.305 __SCHAR_MAX__

```
#define __SCHAR_MAX__ 0x7f
```

7.5.1.306 __SCHAR_WIDTH__

```
#define __SCHAR_WIDTH__ 8
```

7.5.1.307 __SEG_FS

```
#define __SEG_FS 1
```

7.5.1.308 __SEG_GS

```
#define __SEG_GS 1
```

7.5.1.309 __SHRT_MAX__

```
#define __SHRT_MAX__ 0x7fff
```

7.5.1.310 __SHRT_WIDTH__

```
#define __SHRT_WIDTH__ 16
```

7.5.1.311 __SIG_ATOMIC_MAX__

```
#define __SIG_ATOMIC_MAX__ 0x7fffffff
```

7.5.1.312 __SIG_ATOMIC_MIN__

```
#define __SIG_ATOMIC_MIN__ (-__SIG_ATOMIC_MAX__ - 1)
```

7.5.1.313 __SIG_ATOMIC_TYPE__

```
#define __SIG_ATOMIC_TYPE__ int
```

7.5.1.314 __SIG_ATOMIC_WIDTH__

```
#define __SIG_ATOMIC_WIDTH__ 32
```

7.5.1.315 __SIZE_MAX__

```
#define __SIZE_MAX__ 0xffffffffffffffffUL
```

7.5.1.316 __SIZE_TYPE__

```
#define __SIZE_TYPE__ long unsigned int
```

7.5.1.317 __SIZE_WIDTH__

```
#define __SIZE_WIDTH__ 64
```

7.5.1.318 __SIZEOF_DOUBLE__

```
#define __SIZEOF_DOUBLE__ 8
```

7.5.1.319 __SIZEOF_FLOAT128__

```
#define __SIZEOF_FLOAT128__ 16
```

7.5.1.320 __SIZEOF_FLOAT80__

```
#define __SIZEOF_FLOAT80__ 16
```

7.5.1.321 __SIZEOF_FLOAT__

```
#define __SIZEOF_FLOAT__ 4
```

7.5.1.322 __SIZEOF_INT128__

```
#define __SIZEOF_INT128__ 16
```

7.5.1.323 __SIZEOF_INT__

```
#define __SIZEOF_INT__ 4
```

7.5.1.324 __SIZEOF_LONG__

```
#define __SIZEOF_LONG__ 8
```

7.5.1.325 __SIZEOF_LONG_DOUBLE__

```
#define __SIZEOF_LONG_DOUBLE__ 16
```

7.5.1.326 __SIZEOF_LONG_LONG__

```
#define __SIZEOF_LONG_LONG__ 8
```

7.5.1.327 __SIZEOF_POINTER__

```
#define __SIZEOF_POINTER__ 8
```

7.5.1.328 __SIZEOF_PTRDIFF_T__

```
#define __SIZEOF_PTRDIFF_T__ 8
```

7.5.1.329 __SIZEOF_SHORT__

```
#define __SIZEOF_SHORT__ 2
```

7.5.1.330 __SIZEOF_SIZE_T__

```
#define __SIZEOF_SIZE_T__ 8
```

7.5.1.331 __SIZEOF_WCHAR_T__

```
#define __SIZEOF_WCHAR_T__ 4
```

7.5.1.332 __SIZEOF_WINT_T__

```
#define __SIZEOF_WINT_T__ 4
```

7.5.1.333 __SSE2__

```
#define __SSE2__ 1
```

7.5.1.334 __SSE2_MATH__

```
#define __SSE2_MATH__ 1
```

7.5.1.335 __SSE__

```
#define __SSE__ 1
```

7.5.1.336 __SSE_MATH__

```
#define __SSE_MATH__ 1
```

7.5.1.337 __SSP_STRONG__

```
#define __SSP_STRONG__ 3
```

7.5.1.338 __STDC__

```
#define __STDC__ 1
```

7.5.1.339 __STDC_HOSTED__

```
#define __STDC_HOSTED__ 1
```

7.5.1.340 __STDC_IEC_559__

```
#define __STDC_IEC_559__ 1
```

7.5.1.341 __STDC_IEC_559_COMPLEX__

```
#define __STDC_IEC_559_COMPLEX__ 1
```

7.5.1.342 __STDC_ISO_10646__

```
#define __STDC_ISO_10646__ 201706L
```

7.5.1.343 __STDC_UTF_16__

```
#define __STDC_UTF_16__ 1
```


7.5.1.344 __STDC_UTF_32__

```
#define __STDC_UTF_32__ 1
```

7.5.1.345 __UINT16_C

```
#define __UINT16_C(  
    c ) c
```

7.5.1.346 __UINT16_MAX__

```
#define __UINT16_MAX__ 0xffff
```

7.5.1.347 __UINT16_TYPE__

```
#define __UINT16_TYPE__ short unsigned int
```

7.5.1.348 __UINT32_C

```
#define __UINT32_C(  
    c ) c ## U
```

7.5.1.349 __UINT32_MAX__

```
#define __UINT32_MAX__ 0xffffffffU
```

7.5.1.350 __UINT32_TYPE__

```
#define __UINT32_TYPE__ unsigned int
```

7.5.1.351 __UINT64_C

```
#define __UINT64_C(  
    c ) c ## UL
```

7.5.1.352 __UINT64_MAX__

```
#define __UINT64_MAX__ 0xffffffffffffffffUL
```

7.5.1.353 __UINT64_TYPE__

```
#define __UINT64_TYPE__ long unsigned int
```

7.5.1.354 __UINT8_C

```
#define __UINT8_C(  
    c ) c
```

7.5.1.355 __UINT8_MAX__

```
#define __UINT8_MAX__ 0xff
```

7.5.1.356 __UINT8_TYPE__

```
#define __UINT8_TYPE__ unsigned char
```

7.5.1.357 __UINT_FAST16_MAX__

```
#define __UINT_FAST16_MAX__ 0xffffffffffffffffUL
```

7.5.1.358 __UINT_FAST16_TYPE__

```
#define __UINT_FAST16_TYPE__ long unsigned int
```

7.5.1.359 __UINT_FAST32_MAX__

```
#define __UINT_FAST32_MAX__ 0xffffffffffffffffUL
```

7.5.1.360 __UINT_FAST32_TYPE__

```
#define __UINT_FAST32_TYPE__ long unsigned int
```

7.5.1.361 __UINT_FAST64_MAX__

```
#define __UINT_FAST64_MAX__ 0xffffffffffffffffUL
```

7.5.1.362 __UINT_FAST64_TYPE__

```
#define __UINT_FAST64_TYPE__ long unsigned int
```

7.5.1.363 __UINT_FAST8_MAX__

```
#define __UINT_FAST8_MAX__ 0xff
```

7.5.1.364 __UINT_FAST8_TYPE__

```
#define __UINT_FAST8_TYPE__ unsigned char
```

7.5.1.365 __UINT_LEAST16_MAX__

```
#define __UINT_LEAST16_MAX__ 0xffff
```

7.5.1.366 __UINT_LEAST16_TYPE__

```
#define __UINT_LEAST16_TYPE__ short unsigned int
```

7.5.1.367 __UINT_LEAST32_MAX__

```
#define __UINT_LEAST32_MAX__ 0xffffffffU
```

7.5.1.368 __UINT_LEAST32_TYPE__

```
#define __UINT_LEAST32_TYPE__ unsigned int
```

7.5.1.369 __UINT_LEAST64_MAX__

```
#define __UINT_LEAST64_MAX__ 0xffffffffffffffffUL
```

7.5.1.370 __UINT_LEAST64_TYPE__

```
#define __UINT_LEAST64_TYPE__ long unsigned int
```

7.5.1.371 __UINT_LEAST8_MAX__

```
#define __UINT_LEAST8_MAX__ 0xff
```

7.5.1.372 __UINT_LEAST8_TYPE__

```
#define __UINT_LEAST8_TYPE__ unsigned char
```

7.5.1.373 __UINTMAX_C

```
#define __UINTMAX_C(  
    c ) c ## UL
```

7.5.1.374 __UINTMAX_MAX__

```
#define __UINTMAX_MAX__ 0xffffffffffffffffUL
```

7.5.1.375 __UINTMAX_TYPE__

```
#define __UINTMAX_TYPE__ long unsigned int
```

7.5.1.376 __UINTPTR_MAX__

```
#define __UINTPTR_MAX__ 0xffffffffffffffffUL
```

7.5.1.377 __UINTPTR_TYPE__

```
#define __UINTPTR_TYPE__ long unsigned int
```

7.5.1.378 __unix

```
#define __unix 1
```

7.5.1.379 __unix__

```
#define __unix__ 1
```

7.5.1.380 __USER_LABEL_PREFIX__

```
#define __USER_LABEL_PREFIX__
```

7.5.1.381 __VERSION__

```
#define __VERSION__ "10.2.0"
```

7.5.1.382 __WCHAR_MAX__

```
#define __WCHAR_MAX__ 0x7fffffff
```

7.5.1.383 __WCHAR_MIN__

```
#define __WCHAR_MIN__ (-__WCHAR_MAX__ - 1)
```

7.5.1.384 __WCHAR_TYPE__

```
#define __WCHAR_TYPE__ int
```

7.5.1.385 __WCHAR_WIDTH__

```
#define __WCHAR_WIDTH__ 32
```

7.5.1.386 __WINT_MAX__

```
#define __WINT_MAX__ 0xffffffffU
```

7.5.1.387 __WINT_MIN__

```
#define __WINT_MIN__ 0U
```

7.5.1.388 __WINT_TYPE__

```
#define __WINT_TYPE__ unsigned int
```

7.5.1.389 __WINT_WIDTH__

```
#define __WINT_WIDTH__ 32
```

7.5.1.390 __x86_64

```
#define __x86_64 1
```

7.5.1.391 __x86_64__

```
#define __x86_64__ 1
```

7.5.1.392 _GNU_SOURCE

```
#define _GNU_SOURCE 1
```

7.5.1.393 _LP64

```
#define _LP64 1
```

7.5.1.394 _STDC_PREDEF_H

```
#define _STDC_PREDEF_H 1
```

7.5.1.395 ABI_ID

```
#define ABI_ID "ELF"
```

7.5.1.396 linux

```
#define linux 1
```

7.5.1.397 QT_CORE_LIB

```
#define QT_CORE_LIB 1
```

7.5.1.398 QT_GUI_LIB

```
#define QT_GUI_LIB 1
```

7.5.1.399 QT_NO_DEBUG

```
#define QT_NO_DEBUG 1
```

7.5.1.400 QT_WIDGETS_LIB

```
#define QT_WIDGETS_LIB 1
```

7.5.1.401 SIZEOF_DPTR

```
#define SIZEOF_DPTR (sizeof(void*))
```

7.5.1.402 unix

```
#define unix 1
```

7.6 Dokumentacja pliku cmake-build-debug/calendar_autogen/moc_predefs.h

Definicje

- `#define __SSP_STRONG__ 3`
- `#define __DBL_MIN_EXP__ (-1021)`
- `#define __cpp_attributes 200809L`
- `#define __UINT_LEAST16_MAX__ 0xffff`
- `#define __ATOMIC_ACQUIRE 2`
- `#define __FLT128_MAX_10_EXP__ 4932`
- `#define __FLT_MIN__ 1.17549435082228750796873653722224568e-38F`
- `#define __GCC_IEC_559_COMPLEX 2`
- `#define __cpp_aggregate_nsdmi 201304L`
- `#define __UINT_LEAST8_TYPE__ unsigned char`
- `#define __SIZEOF_FLOAT80__ 16`
- `#define __INTMAX_C(c) c ## L`
- `#define __CHAR_BIT__ 8`
- `#define __UINT8_MAX__ 0xff`

- #define __SCHAR_WIDTH__ 8
- #define __WINT_MAX__ 0xffffffffU
- #define __FLT32_MIN_EXP__ (-125)
- #define __cpp_static_assert 200410L
- #define QT_GUI_LIB 1
- #define __ORDER_LITTLE_ENDIAN__ 1234
- #define __SIZE_MAX__ 0xffffffffffffffffUL
- #define __WCHAR_MAX__ 0x7fffffff
- #define __GCC_HAVE_SYNC_COMPARE_AND_SWAP_1 1
- #define __GCC_HAVE_SYNC_COMPARE_AND_SWAP_2 1
- #define __GCC_HAVE_SYNC_COMPARE_AND_SWAP_4 1
- #define __DBL_DENORM_MIN__ double(4.94065645841246544176568792868221372e-324L)
- #define __GCC_HAVE_SYNC_COMPARE_AND_SWAP_8 1
- #define __GCC_ATOMIC_CHAR_LOCK_FREE 2
- #define __GCC_IEC_559 2
- #define __FLT32X_DECIMAL_DIG__ 17
- #define __FLT_EVAL_METHOD__ 0
- #define __cpp_binary_literals 201304L
- #define __FLT64_DECIMAL_DIG__ 17
- #define __GCC_ATOMIC_CHAR32_T_LOCK_FREE 2
- #define __cpp_variadic_templates 200704L
- #define __UINT_FAST64_MAX__ 0xffffffffffffffffUL
- #define __SIG_ATOMIC_TYPE__ int
- #define __DBL_MIN_10_EXP__ (-307)
- #define __FINITE_MATH_ONLY__ 0
- #define __cpp_variable_templates 201304L
- #define __FLT32X_MAX_EXP__ 1024
- #define __FLT32_HAS_DENORM__ 1
- #define __UINT_FAST8_MAX__ 0xff
- #define __cpp_rvalue_reference 200610L
- #define __FLT32_MAX_10_EXP__ 38
- #define __DEC64_MAX_EXP__ 385
- #define __INT8_C(c) c
- #define __INT_LEAST8_WIDTH__ 8
- #define __UINT_LEAST64_MAX__ 0xffffffffffffffffUL
- #define __SHRT_MAX__ 0x7fff
- #define __LDBL_MAX__ 1.18973149535723176502126385303097021e+4932L
- #define __FLT64X_MAX_10_EXP__ 4932
- #define __FLT64X_HAS_QUIET_NAN__ 1
- #define __UINT_LEAST8_MAX__ 0xff
- #define __GCC_ATOMIC_BOOL_LOCK_FREE 2
- #define __FLT128_DENORM_MIN__ 6.47517511943802511092443895822764655e-4966F128
- #define __UINTMAX_TYPE__ long unsigned int
- #define __linux 1
- #define __DEC32_EPSILON__ 1E-6DF
- #define __FLT_EVAL_METHOD_TS_18661_3__ 0
- #define __unix 1
- #define __UINT32_MAX__ 0xffffffffU
- #define __GXX_EXPERIMENTAL_CXX0X__ 1
- #define __FLT128_MIN_EXP__ (-16381)
- #define __WINT_MIN__ 0U
- #define __FLT128_MIN_10_EXP__ (-4931)
- #define __INT_LEAST16_WIDTH__ 16
- #define __SCHAR_MAX__ 0x7f
- #define __FLT128_MANT_DIG__ 113

- #define `__WCHAR_MIN__` (`-__WCHAR_MAX__ - 1`)
- #define `__INT64_C(c)` `c ## L`
- #define `__GCC_ATOMIC_POINTER_LOCK_FREE__` 2
- #define `__FLT32X_MANT_DIG__` 53
- #define `__GCC_ATOMIC_CHAR16_T_LOCK_FREE__` 2
- #define `__USER_LABEL_PREFIX__`
- #define `__FLT64X_EPSILON__` 1.08420217248550443400745280086994171e-19F64x
- #define `__STDC_HOSTED__` 1
- #define `__DEC64_MIN_EXP__` (-382)
- #define `__cpp_decltype_auto` 201304L
- #define `__DBL_DIG__` 15
- #define `__FLT32_DIG__` 6
- #define `__FLT_EPSILON__` 1.19209289550781250000000000000000000e-7F
- #define `__GXX_WEAK__` 1
- #define `__SHRT_WIDTH__` 16
- #define `__LDBL_MIN__` 3.36210314311209350626267781732175260e-4932L
- #define `__DEC32_MAX__` 9.999999E96DF
- #define `__cpp_threadsafe_static_init` 200806L
- #define `__FLT64X_DENORM_MIN__` 3.64519953188247460252840593361941982e-4951F64x
- #define `__FLT32X_HAS_INFINITY__` 1
- #define `__INT32_MAX__` 0x7fffffff
- #define `__unix__` 1
- #define `__INT_WIDTH__` 32
- #define `__SIZEOF_LONG__` 8
- #define `__STDC_IEC_559__` 1
- #define `__STDC_ISO_10646__` 201706L
- #define `__UINT16_C(c)` `c`
- #define `__DECIMAL_DIG__` 21
- #define `__STDC_IEC_559_COMPLEX__` 1
- #define `__FLT64_EPSILON__` 2.22044604925031308084726333618164062e-16F64
- #define `__gnu_linux__` 1
- #define `__INT16_MAX__` 0x7fff
- #define `__FLT64_MIN_EXP__` (-1021)
- #define `__FLT64X_MIN_10_EXP__` (-4931)
- #define `__LDBL_HAS_QUIET_NAN__` 1
- #define `__FLT64_MANT_DIG__` 53
- #define `__FLT64X_MANT_DIG__` 64
- #define `__GNUC__` 10
- #define `__GXX_RTTI` 1
- #define `__pie__` 2
- #define `__MMX__` 1
- #define `__FLT_HAS_DENORM__` 1
- #define `__SIZEOF_LONG_DOUBLE__` 16
- #define `__BIGGEST_ALIGNMENT__` 16
- #define `__STDC_UTF_16__` 1
- #define `__FLT64_MAX_10_EXP__` 308
- #define `__cpp_delegating_constructors` 200604L
- #define `__FLT32_HAS_INFINITY__` 1
- #define `__DBL_MAX__` double(1.79769313486231570814527423731704357e+308L)
- #define `__cpp_raw_strings` 200710L
- #define `__INT_FAST32_MAX__` 0x7fffffffffffffffL
- #define `__DBL_HAS_INFINITY__` 1
- #define `__SIZEOF_FLOAT__` 4
- #define `__HAVE_SPECULATION_SAFE_VALUE` 1
- #define `__DEC32_MIN_EXP__` (-94)

- #define __INTPTR_WIDTH__ 64
- #define __FLT64X_HAS_INFINITY__ 1
- #define __UINT_LEAST32_MAX__ 0xffffffffU
- #define __FLT32X_HAS_DENORM__ 1
- #define __INT_FAST16_TYPE__ long int
- #define __MMX_WITH_SSE__ 1
- #define __LDBL_HAS_DENORM__ 1
- #define QT_WIDGETS_LIB 1
- #define __cplusplus 201402L
- #define __cpp_ref_qualifiers 200710L
- #define __DEC32_MIN__ 1E-95DF
- #define __DEPRECATED 1
- #define __cpp_rvalue_references 200610L
- #define __DBL_MAX_EXP__ 1024
- #define __WCHAR_WIDTH__ 32
- #define __FLT32_MAX__ 3.40282346638528859811704183484516925e+38F32
- #define __DEC128_EPSILON__ 1E-33DL
- #define __SSE2_MATH__ 1
- #define __ATOMIC_HLE_RELEASE 131072
- #define __PTRDIFF_MAX__ 0x7fffffffffffffffL
- #define __amd64 1
- #define __ATOMIC_HLE_ACQUIRE 65536
- #define __GNUG__ 10
- #define __LONG_LONG_MAX__ 0x7fffffffffffffffLL
- #define __SIZEOF_SIZE_T__ 8
- #define __cpp_nsdmi 200809L
- #define __FLT64X_MIN_EXP__ (-16381)
- #define __SIZEOF_WINT_T__ 4
- #define __LONG_LONG_WIDTH__ 64
- #define __cpp_initializer_lists 200806L
- #define __FLT32_MAX_EXP__ 128
- #define ABI_ID "ELF"
- #define __cpp_hex_float 201603L
- #define __GXX_ABI_VERSION 1014
- #define __FLT128_HAS_INFINITY__ 1
- #define __FLT_MIN_EXP__ (-125)
- #define __GCC_HAVE_DWARF2_CFI_ASM 1
- #define __x86_64 1
- #define __cpp_lambdas 200907L
- #define __INT_FAST64_TYPE__ long int
- #define __FLT64_DENORM_MIN__ 4.94065645841246544176568792868221372e-324F64
- #define __DBL_MIN__ double(2.22507385850720138309023271733240406e-308L)
- #define __FLT128_EPSILON__ 1.92592994438723585305597794258492732e-34F128
- #define __FLT64X_NORM_MAX__ 1.18973149535723176502126385303097021e+4932F64x
- #define __SIZEOF_POINTER__ 8
- #define __LP64__ 1
- #define __DBL_HAS_QUIET_NAN__ 1
- #define __FLT32X_EPSILON__ 2.22044604925031308084726333618164062e-16F32x
- #define __DECIMAL_BID_FORMAT__ 1
- #define __FLT64_MIN_10_EXP__ (-307)
- #define __FLT64X_DECIMAL_DIG__ 21
- #define __DEC128_MIN__ 1E-6143DL
- #define __REGISTER_PREFIX__
- #define __UINT16_MAX__ 0xffff
- #define __LDBL_HAS_INFINITY__ 1

- [illegible]

- `#define __FLT64X_MAX_EXP__ 16384`
- `#define __UINT_FAST64_TYPE__ long unsigned int`
- `#define __INT_MAX__ 0x7fffffff`
- `#define __linux__ 1`
- `#define __INT64_TYPE__ long int`
- `#define __FLT_MAX_EXP__ 128`
- `#define __ORDER_BIG_ENDIAN__ 4321`
- `#define __DBL_MANT_DIG__ 53`
- `#define __cpp_inheriting_constructors 201511L`
- `#define QT_CORE_LIB 1`
- `#define __SIZEOF_FLOAT128__ 16`
- `#define __INT_LEAST64_MAX__ 0x7ffffffffffffffL`
- `#define __DEC64_MIN__ 1E-383DD`
- `#define __WINT_TYPE__ unsigned int`
- `#define __UINT_LEAST32_TYPE__ unsigned int`
- `#define __SIZEOF_SHORT__ 2`
- `#define __FLT32_NORM_MAX__ 3.40282346638528859811704183484516925e+38F32`
- `#define __SSE__ 1`
- `#define __LDBL_MIN_EXP__ (-16381)`
- `#define __FLT64_MAX__ 1.79769313486231570814527423731704357e+308F64`
- `#define __amd64__ 1`
- `#define __WINT_WIDTH__ 32`
- `#define __INT_LEAST8_MAX__ 0x7f`
- `#define __INT_LEAST64_WIDTH__ 64`
- `#define __LDBL_MAX_EXP__ 16384`
- `#define __FLT32X_MAX_10_EXP__ 308`
- `#define __SIZEOF_INT128__ 16`
- `#define __LDBL_MAX_10_EXP__ 4932`
- `#define __ATOMIC_RELAXED 0`
- `#define __DBL_EPSILON__ double(2.22044604925031308084726333618164062e-16L)`
- `#define __FLT128_MIN__ 3.36210314311209350626267781732175260e-4932F128`
- `#define __LP64__ 1`
- `#define __UINT8_C(c) c`
- `#define __FLT64_MAX_EXP__ 1024`
- `#define __INT_LEAST32_TYPE__ int`
- `#define __SIZEOF_WCHAR_T__ 4`
- `#define __GNUC_PATCHLEVEL__ 0`
- `#define __FLT128_NORM_MAX__ 1.18973149535723176508575932662800702e+4932F128`
- `#define __FLT64_NORM_MAX__ 1.79769313486231570814527423731704357e+308F64`
- `#define __FLT128_HAS_QUIET_NAN__ 1`
- `#define __INTMAX_MAX__ 0x7ffffffffffffffL`
- `#define __INT_FAST8_TYPE__ signed char`
- `#define __FLT64X_MIN__ 3.36210314311209350626267781732175260e-4932F64x`
- `#define __GNUC_STDC_INLINE__ 1`
- `#define __FLT64_HAS_DENORM__ 1`
- `#define __FLT32_EPSILON__ 1.1920928955078125000000000000000000000000e-7F32`
- `#define __DBL_DECIMAL_DIG__ 17`
- `#define __STDC_UTF_32__ 1`
- `#define __INT_FAST8_WIDTH__ 8`
- `#define __FXSR__ 1`
- `#define __FLT32X_MAX__ 1.79769313486231570814527423731704357e+308F32x`
- `#define __DBL_NORM_MAX__ double(1.79769313486231570814527423731704357e+308L)`
- `#define __BYTE_ORDER__ __ORDER_LITTLE_ENDIAN__`
- `#define __INTMAX_WIDTH__ 64`
- `#define __cpp_runtime_arrays 198712L`

- #define __UINT64_TYPE__ long unsigned int
- #define __UINT32_C(c) c ## U
- #define __cpp_alias_templates 200704L
- #define __FLT_DENORM_MIN__ 1.40129846432481707092372958328991613e-45F
- #define __INT8_MAX__ 0x7f
- #define __LONG_WIDTH__ 64
- #define __PIC__ 2
- #define __UINT_FAST32_TYPE__ long unsigned int
- #define __FLT32X_NORM_MAX__ 1.79769313486231570814527423731704357e+308F32x
- #define __CHAR32_TYPE__ unsigned int
- #define __FLT_MAX__ 3.40282346638528859811704183484516925e+38F
- #define __cpp_constexpr 201304L
- #define __SSE2__ 1
- #define __INT32_TYPE__ int
- #define __SIZEOF_DOUBLE__ 8
- #define __cpp_exceptions 199711L
- #define __FLT_MIN_10_EXP__ (-37)
- #define __FLT64_MIN__ 2.22507385850720138309023271733240406e-308F64
- #define __INT_LEAST32_WIDTH__ 32
- #define __INTMAX_TYPE__ long int
- #define __DEC128_MAX_EXP__ 6145
- #define __FLT32X_HAS_QUIET_NAN__ 1
- #define __ATOMIC_CONSUME 1
- #define __GNUC_MINOR__ 2
- #define __GLIBCXX_TYPE_INT_N_0__ int128
- #define __INT_FAST16_WIDTH__ 64
- #define __UINTMAX_MAX__ 0xffffffffffffffffUL
- #define __PIE__ 2
- #define __FLT32X_DENORM_MIN__ 4.94065645841246544176568792868221372e-324F32x
- #define __DBL_MAX_10_EXP__ 308
- #define __LDBL_DENORM_MIN__ 3.64519953188247460252840593361941982e-4951L
- #define __INT16_C(c) c
- #define __STDC__ 1
- #define __FLT32X_DIG__ 15
- #define __PTRDIFF_TYPE__ long int
- #define __ATOMIC_SEQ_CST 5
- #define __FLT32X_MIN_10_EXP__ (-307)
- #define __UINTPTR_TYPE__ long unsigned int
- #define __DEC64_SUBNORMAL_MIN__ 0.0000000000000001E-383DD
- #define __DEC128_MANT_DIG__ 34
- #define __LDBL_MIN_10_EXP__ (-4931)
- #define __cpp_generic_lambdas 201304L
- #define __SSE_MATH__ 1
- #define __SIZEOF_LONG_LONG__ 8
- #define __cpp_user_defined_literals 200809L
- #define __FLT128_DECIMAL_DIG__ 36
- #define __GCC_ATOMIC_LLONG_LOCK_FREE 2
- #define __FLT32_HAS_QUIET_NAN__ 1
- #define __FLT_DECIMAL_DIG__ 9
- #define __UINT_FAST16_MAX__ 0xffffffffffffffffUL
- #define __LDBL_NORM_MAX__ 1.18973149535723176502126385303097021e+4932L
- #define __GCC_ATOMIC_SHORT_LOCK_FREE 2
- #define __UINT_FAST8_TYPE__ unsigned char
- #define __GNU_SOURCE 1
- #define __cpp_init_captures 201304L
- #define __ATOMIC_ACQ_REL 4
- #define __ATOMIC_RELEASE 3

7.6.1 Dokumentacja definicji

7.6.1.1 `__amd64`

```
#define __amd64 1
```

7.6.1.2 `__amd64__`

```
#define __amd64__ 1
```

7.6.1.3 `__ATOMIC_ACQ_REL`

```
#define __ATOMIC_ACQ_REL 4
```

7.6.1.4 `__ATOMIC_ACQUIRE`

```
#define __ATOMIC_ACQUIRE 2
```

7.6.1.5 `__ATOMIC_CONSUME`

```
#define __ATOMIC_CONSUME 1
```

7.6.1.6 `__ATOMIC_HLE_ACQUIRE`

```
#define __ATOMIC_HLE_ACQUIRE 65536
```

7.6.1.7 `__ATOMIC_HLE_RELEASE`

```
#define __ATOMIC_HLE_RELEASE 131072
```


7.6.1.8 `__ATOMIC_RELAXED`

```
#define __ATOMIC_RELAXED 0
```

7.6.1.9 `__ATOMIC_RELEASE`

```
#define __ATOMIC_RELEASE 3
```

7.6.1.10 `__ATOMIC_SEQ_CST`

```
#define __ATOMIC_SEQ_CST 5
```

7.6.1.11 `__BIGGEST_ALIGNMENT__`

```
#define __BIGGEST_ALIGNMENT__ 16
```

7.6.1.12 `__BYTE_ORDER__`

```
#define __BYTE_ORDER__ \_\_ORDER\_LITTLE\_ENDIAN\_\_
```

7.6.1.13 `__CHAR16_TYPE__`

```
#define __CHAR16_TYPE__ short unsigned int
```

7.6.1.14 `__CHAR32_TYPE__`

```
#define __CHAR32_TYPE__ unsigned int
```

7.6.1.15 `__CHAR_BIT__`

```
#define __CHAR_BIT__ 8
```

7.6.1.16 __code_model_small__

```
#define __code_model_small__ 1
```

7.6.1.17 __cplusplus

```
#define __cplusplus 201402L
```

7.6.1.18 __cpp_aggregate_nsdmi

```
#define __cpp_aggregate_nsdmi 201304L
```

7.6.1.19 __cpp_alias_templates

```
#define __cpp_alias_templates 200704L
```

7.6.1.20 __cpp_attributes

```
#define __cpp_attributes 200809L
```

7.6.1.21 __cpp_binary_literals

```
#define __cpp_binary_literals 201304L
```

7.6.1.22 __cpp_constexpr

```
#define __cpp_constexpr 201304L
```

7.6.1.23 __cpp_decltype

```
#define __cpp_decltype 200707L
```

7.6.1.24 __cpp_decltype_auto

```
#define __cpp_decltype_auto 201304L
```

7.6.1.25 __cpp_delegating_constructors

```
#define __cpp_delegating_constructors 200604L
```

7.6.1.26 __cpp_digit_separators

```
#define __cpp_digit_separators 201309L
```

7.6.1.27 __cpp_exceptions

```
#define __cpp_exceptions 199711L
```

7.6.1.28 __cpp_generic_lambdas

```
#define __cpp_generic_lambdas 201304L
```

7.6.1.29 __cpp_hex_float

```
#define __cpp_hex_float 201603L
```

7.6.1.30 __cpp_inheriting_constructors

```
#define __cpp_inheriting_constructors 201511L
```

7.6.1.31 __cpp_init_captures

```
#define __cpp_init_captures 201304L
```

7.6.1.32 __cpp_initializer_lists

```
#define __cpp_initializer_lists 200806L
```

7.6.1.33 __cpp_lambdas

```
#define __cpp_lambdas 200907L
```

7.6.1.34 __cpp_nsdmi

```
#define __cpp_nsdmi 200809L
```

7.6.1.35 __cpp_range_based_for

```
#define __cpp_range_based_for 200907L
```

7.6.1.36 __cpp_raw_strings

```
#define __cpp_raw_strings 200710L
```

7.6.1.37 __cpp_ref_qualifiers

```
#define __cpp_ref_qualifiers 200710L
```

7.6.1.38 __cpp_return_type_deduction

```
#define __cpp_return_type_deduction 201304L
```

7.6.1.39 __cpp_rtti

```
#define __cpp_rtti 199711L
```

7.6.1.40 __cpp_runtime_arrays

```
#define __cpp_runtime_arrays 198712L
```

7.6.1.41 __cpp_rvalue_reference

```
#define __cpp_rvalue_reference 200610L
```

7.6.1.42 __cpp_rvalue_references

```
#define __cpp_rvalue_references 200610L
```

7.6.1.43 __cpp_sized_deallocation

```
#define __cpp_sized_deallocation 201309L
```

7.6.1.44 __cpp_static_assert

```
#define __cpp_static_assert 200410L
```

7.6.1.45 __cpp_threadsafe_static_init

```
#define __cpp_threadsafe_static_init 200806L
```

7.6.1.46 __cpp_unicode_characters

```
#define __cpp_unicode_characters 200704L
```

7.6.1.47 __cpp_unicode_literals

```
#define __cpp_unicode_literals 200710L
```

7.6.1.48 __cpp_user_defined_literals

```
#define __cpp_user_defined_literals 200809L
```

7.6.1.49 __cpp_variable_templates

```
#define __cpp_variable_templates 201304L
```

7.6.1.50 __cpp_variadic_templates

```
#define __cpp_variadic_templates 200704L
```

7.6.1.51 __DBL_DECIMAL_DIG__

```
#define __DBL_DECIMAL_DIG__ 17
```

7.6.1.52 __DBL_DENORM_MIN__

```
#define __DBL_DENORM_MIN__ double(4.94065645841246544176568792868221372e-324L)
```

7.6.1.53 __DBL_DIG__

```
#define __DBL_DIG__ 15
```

7.6.1.54 __DBL_EPSILON__

```
#define __DBL_EPSILON__ double(2.22044604925031308084726333618164062e-16L)
```

7.6.1.55 __DBL_HAS_DENORM__

```
#define __DBL_HAS_DENORM__ 1
```

7.6.1.56 __DBL_HAS_INFINITY__

```
#define __DBL_HAS_INFINITY__ 1
```

7.6.1.57 __DBL_HAS_QUIET_NAN__

```
#define __DBL_HAS_QUIET_NAN__ 1
```

7.6.1.58 __DBL_MANT_DIG__

```
#define __DBL_MANT_DIG__ 53
```

7.6.1.59 __DBL_MAX_10_EXP__

```
#define __DBL_MAX_10_EXP__ 308
```

7.6.1.60 __DBL_MAX__

```
#define __DBL_MAX__ double(1.79769313486231570814527423731704357e+308L)
```

7.6.1.61 __DBL_MAX_EXP__

```
#define __DBL_MAX_EXP__ 1024
```

7.6.1.62 __DBL_MIN_10_EXP__

```
#define __DBL_MIN_10_EXP__ (-307)
```

7.6.1.63 __DBL_MIN__

```
#define __DBL_MIN__ double(2.22507385850720138309023271733240406e-308L)
```


7.6.1.80 __DEC64_EPSILON__

```
#define __DEC64_EPSILON__ 1E-15DD
```

7.6.1.81 __DEC64_MANT_DIG__

```
#define __DEC64_MANT_DIG__ 16
```

7.6.1.82 __DEC64_MAX__

```
#define __DEC64_MAX__ 9.999999999999999E384DD
```

7.6.1.83 __DEC64_MAX_EXP__

```
#define __DEC64_MAX_EXP__ 385
```

7.6.1.84 __DEC64_MIN__

```
#define __DEC64_MIN__ 1E-383DD
```

7.6.1.85 __DEC64_MIN_EXP__

```
#define __DEC64_MIN_EXP__ (-382)
```

7.6.1.86 __DEC64_SUBNORMAL_MIN__

```
#define __DEC64_SUBNORMAL_MIN__ 0.0000000000000001E-383DD
```

7.6.1.87 __DEC_EVAL_METHOD__

```
#define __DEC_EVAL_METHOD__ 2
```

7.6.1.88 __DECIMAL_BID_FORMAT__

```
#define __DECIMAL_BID_FORMAT__ 1
```

7.6.1.89 __DECIMAL_DIG__

```
#define __DECIMAL_DIG__ 21
```

7.6.1.90 __DEPRECATED

```
#define __DEPRECATED 1
```

7.6.1.91 __ELF__

```
#define __ELF__ 1
```

7.6.1.92 __EXCEPTIONS

```
#define __EXCEPTIONS 1
```

7.6.1.93 __FINITE_MATH_ONLY__

```
#define __FINITE_MATH_ONLY__ 0
```

7.6.1.94 __FLOAT_WORD_ORDER__

```
#define __FLOAT_WORD_ORDER__ \_\_ORDER\_LITTLE\_ENDIAN\_\_
```

7.6.1.95 __FLT128_DECIMAL_DIG__

```
#define __FLT128_DECIMAL_DIG__ 36
```

7.6.1.96 __FLT128_DENORM_MIN__

```
#define __FLT128_DENORM_MIN__ 6.47517511943802511092443895822764655e-4966F128
```

7.6.1.97 __FLT128_DIG__

```
#define __FLT128_DIG__ 33
```

7.6.1.98 __FLT128_EPSILON__

```
#define __FLT128_EPSILON__ 1.92592994438723585305597794258492732e-34F128
```

7.6.1.99 __FLT128_HAS_DENORM__

```
#define __FLT128_HAS_DENORM__ 1
```

7.6.1.100 __FLT128_HAS_INFINITY__

```
#define __FLT128_HAS_INFINITY__ 1
```

7.6.1.101 __FLT128_HAS_QUIET_NAN__

```
#define __FLT128_HAS_QUIET_NAN__ 1
```

7.6.1.102 __FLT128_MANT_DIG__

```
#define __FLT128_MANT_DIG__ 113
```

7.6.1.103 __FLT128_MAX_10_EXP__

```
#define __FLT128_MAX_10_EXP__ 4932
```

7.6.1.104 __FLT128_MAX__

```
#define __FLT128_MAX__ 1.18973149535723176508575932662800702e+4932F128
```

7.6.1.105 __FLT128_MAX_EXP__

```
#define __FLT128_MAX_EXP__ 16384
```

7.6.1.106 __FLT128_MIN_10_EXP__

```
#define __FLT128_MIN_10_EXP__ (-4931)
```

7.6.1.107 __FLT128_MIN__

```
#define __FLT128_MIN__ 3.36210314311209350626267781732175260e-4932F128
```

7.6.1.108 __FLT128_MIN_EXP__

```
#define __FLT128_MIN_EXP__ (-16381)
```

7.6.1.109 __FLT128_NORM_MAX__

```
#define __FLT128_NORM_MAX__ 1.18973149535723176508575932662800702e+4932F128
```

7.6.1.110 __FLT32_DECIMAL_DIG__

```
#define __FLT32_DECIMAL_DIG__ 9
```

7.6.1.111 __FLT32_DENORM_MIN__

```
#define __FLT32_DENORM_MIN__ 1.40129846432481707092372958328991613e-45F32
```

7.6.1.112 __FLT32_DIG__

```
#define __FLT32_DIG__ 6
```

7.6.1.113 __FLT32_EPSILON__

```
#define __FLT32_EPSILON__ 1.19209289550781250000000000000000000000e-7F32
```

7.6.1.114 __FLT32_HAS_DENORM__

```
#define __FLT32_HAS_DENORM__ 1
```

7.6.1.115 __FLT32_HAS_INFINITY__

```
#define __FLT32_HAS_INFINITY__ 1
```

7.6.1.116 __FLT32_HAS_QUIET_NAN__

```
#define __FLT32_HAS_QUIET_NAN__ 1
```

7.6.1.117 __FLT32_MANT_DIG__

```
#define __FLT32_MANT_DIG__ 24
```

7.6.1.118 __FLT32_MAX_10_EXP__

```
#define __FLT32_MAX_10_EXP__ 38
```

7.6.1.119 __FLT32_MAX__

```
#define __FLT32_MAX__ 3.40282346638528859811704183484516925e+38F32
```

7.6.1.120 __FLT32_MAX_EXP__

```
#define __FLT32_MAX_EXP__ 128
```

7.6.1.121 __FLT32_MIN_10_EXP__

```
#define __FLT32_MIN_10_EXP__ (-37)
```

7.6.1.122 __FLT32_MIN__

```
#define __FLT32_MIN__ 1.1754943508222875079687365372224568e-38F32
```

7.6.1.123 __FLT32_MIN_EXP__

```
#define __FLT32_MIN_EXP__ (-125)
```

7.6.1.124 __FLT32_NORM_MAX__

```
#define __FLT32_NORM_MAX__ 3.40282346638528859811704183484516925e+38F32
```

7.6.1.125 __FLT32X_DECIMAL_DIG__

```
#define __FLT32X_DECIMAL_DIG__ 17
```

7.6.1.126 __FLT32X_DENORM_MIN__

```
#define __FLT32X_DENORM_MIN__ 4.94065645841246544176568792868221372e-324F32x
```

7.6.1.127 __FLT32X_DIG__

```
#define __FLT32X_DIG__ 15
```

7.6.1.128 __FLT32X_EPSILON__

```
#define __FLT32X_EPSILON__ 2.22044604925031308084726333618164062e-16F32x
```

7.6.1.129 __FLT32X_HAS_DENORM__

```
#define __FLT32X_HAS_DENORM__ 1
```

7.6.1.130 __FLT32X_HAS_INFINITY__

```
#define __FLT32X_HAS_INFINITY__ 1
```

7.6.1.131 __FLT32X_HAS_QUIET_NAN__

```
#define __FLT32X_HAS_QUIET_NAN__ 1
```

7.6.1.132 __FLT32X_MANT_DIG__

```
#define __FLT32X_MANT_DIG__ 53
```

7.6.1.133 __FLT32X_MAX_10_EXP__

```
#define __FLT32X_MAX_10_EXP__ 308
```

7.6.1.134 __FLT32X_MAX__

```
#define __FLT32X_MAX__ 1.79769313486231570814527423731704357e+308F32x
```

7.6.1.135 __FLT32X_MAX_EXP__

```
#define __FLT32X_MAX_EXP__ 1024
```


7.6.1.136 __FLT32X_MIN_10_EXP__

```
#define __FLT32X_MIN_10_EXP__ (-307)
```

7.6.1.137 __FLT32X_MIN__

```
#define __FLT32X_MIN__ 2.22507385850720138309023271733240406e-308F32x
```

7.6.1.138 __FLT32X_MIN_EXP__

```
#define __FLT32X_MIN_EXP__ (-1021)
```

7.6.1.139 __FLT32X_NORM_MAX__

```
#define __FLT32X_NORM_MAX__ 1.79769313486231570814527423731704357e+308F32x
```

7.6.1.140 __FLT64_DECIMAL_DIG__

```
#define __FLT64_DECIMAL_DIG__ 17
```

7.6.1.141 __FLT64_DENORM_MIN__

```
#define __FLT64_DENORM_MIN__ 4.94065645841246544176568792868221372e-324F64
```

7.6.1.142 __FLT64_DIG__

```
#define __FLT64_DIG__ 15
```

7.6.1.143 __FLT64_EPSILON__

```
#define __FLT64_EPSILON__ 2.22044604925031308084726333618164062e-16F64
```

7.6.1.144 __FLT64_HAS_DENORM__

```
#define __FLT64_HAS_DENORM__ 1
```

7.6.1.145 __FLT64_HAS_INFINITY__

```
#define __FLT64_HAS_INFINITY__ 1
```

7.6.1.146 __FLT64_HAS_QUIET_NAN__

```
#define __FLT64_HAS_QUIET_NAN__ 1
```

7.6.1.147 __FLT64_MANT_DIG__

```
#define __FLT64_MANT_DIG__ 53
```

7.6.1.148 __FLT64_MAX_10_EXP__

```
#define __FLT64_MAX_10_EXP__ 308
```

7.6.1.149 __FLT64_MAX__

```
#define __FLT64_MAX__ 1.79769313486231570814527423731704357e+308F64
```

7.6.1.150 __FLT64_MAX_EXP__

```
#define __FLT64_MAX_EXP__ 1024
```

7.6.1.151 __FLT64_MIN_10_EXP__

```
#define __FLT64_MIN_10_EXP__ (-307)
```

7.6.1.152 __FLT64_MIN__

```
#define __FLT64_MIN__ 2.22507385850720138309023271733240406e-308F64
```

7.6.1.153 __FLT64_MIN_EXP__

```
#define __FLT64_MIN_EXP__ (-1021)
```

7.6.1.154 __FLT64_NORM_MAX__

```
#define __FLT64_NORM_MAX__ 1.79769313486231570814527423731704357e+308F64
```

7.6.1.155 __FLT64X_DECIMAL_DIG__

```
#define __FLT64X_DECIMAL_DIG__ 21
```

7.6.1.156 __FLT64X_DENORM_MIN__

```
#define __FLT64X_DENORM_MIN__ 3.64519953188247460252840593361941982e-4951F64x
```

7.6.1.157 __FLT64X_DIG__

```
#define __FLT64X_DIG__ 18
```

7.6.1.158 __FLT64X_EPSILON__

```
#define __FLT64X_EPSILON__ 1.08420217248550443400745280086994171e-19F64x
```

7.6.1.159 __FLT64X_HAS_DENORM__

```
#define __FLT64X_HAS_DENORM__ 1
```

7.6.1.160 __FLT64X_HAS_INFINITY__

```
#define __FLT64X_HAS_INFINITY__ 1
```

7.6.1.161 __FLT64X_HAS_QUIET_NAN__

```
#define __FLT64X_HAS_QUIET_NAN__ 1
```

7.6.1.162 __FLT64X_MANT_DIG__

```
#define __FLT64X_MANT_DIG__ 64
```

7.6.1.163 __FLT64X_MAX_10_EXP__

```
#define __FLT64X_MAX_10_EXP__ 4932
```

7.6.1.164 __FLT64X_MAX__

```
#define __FLT64X_MAX__ 1.18973149535723176502126385303097021e+4932F64x
```

7.6.1.165 __FLT64X_MAX_EXP__

```
#define __FLT64X_MAX_EXP__ 16384
```

7.6.1.166 __FLT64X_MIN_10_EXP__

```
#define __FLT64X_MIN_10_EXP__ (-4931)
```

7.6.1.167 __FLT64X_MIN__

```
#define __FLT64X_MIN__ 3.36210314311209350626267781732175260e-4932F64x
```

7.6.1.168 __FLT64X_MIN_EXP__

```
#define __FLT64X_MIN_EXP__ (-16381)
```

7.6.1.169 __FLT64X_NORM_MAX__

```
#define __FLT64X_NORM_MAX__ 1.18973149535723176502126385303097021e+4932F64x
```

7.6.1.170 __FLT_DECIMAL_DIG__

```
#define __FLT_DECIMAL_DIG__ 9
```

7.6.1.171 __FLT_DENORM_MIN__

```
#define __FLT_DENORM_MIN__ 1.40129846432481707092372958328991613e-45F
```

7.6.1.172 __FLT_DIG__

```
#define __FLT_DIG__ 6
```

7.6.1.173 __FLT_EPSILON__

```
#define __FLT_EPSILON__ 1.192092895507812500000000000000000000e-7F
```

7.6.1.174 __FLT_EVAL_METHOD__

```
#define __FLT_EVAL_METHOD__ 0
```

7.6.1.175 __FLT_EVAL_METHOD_TS_18661_3__

```
#define __FLT_EVAL_METHOD_TS_18661_3__ 0
```

7.6.1.176 __FLT_HAS_DENORM__

```
#define __FLT_HAS_DENORM__ 1
```

7.6.1.177 __FLT_HAS_INFINITY__

```
#define __FLT_HAS_INFINITY__ 1
```

7.6.1.178 __FLT_HAS_QUIET_NAN__

```
#define __FLT_HAS_QUIET_NAN__ 1
```

7.6.1.179 __FLT_MANT_DIG__

```
#define __FLT_MANT_DIG__ 24
```

7.6.1.180 __FLT_MAX_10_EXP__

```
#define __FLT_MAX_10_EXP__ 38
```

7.6.1.181 __FLT_MAX__

```
#define __FLT_MAX__ 3.40282346638528859811704183484516925e+38F
```

7.6.1.182 __FLT_MAX_EXP__

```
#define __FLT_MAX_EXP__ 128
```

7.6.1.183 __FLT_MIN_10_EXP__

```
#define __FLT_MIN_10_EXP__ (-37)
```

7.6.1.184 __FLT_MIN__

```
#define __FLT_MIN__ 1.17549435082228750796873653722224568e-38F
```

7.6.1.185 __FLT_MIN_EXP__

```
#define __FLT_MIN_EXP__ (-125)
```

7.6.1.186 __FLT_NORM_MAX__

```
#define __FLT_NORM_MAX__ 3.40282346638528859811704183484516925e+38F
```

7.6.1.187 __FLT_RADIX__

```
#define __FLT_RADIX__ 2
```

7.6.1.188 __FXSR__

```
#define __FXSR__ 1
```

7.6.1.189 __GCC_ASM_FLAG_OUTPUTS__

```
#define __GCC_ASM_FLAG_OUTPUTS__ 1
```

7.6.1.190 __GCC_ATOMIC_BOOL_LOCK_FREE

```
#define __GCC_ATOMIC_BOOL_LOCK_FREE 2
```

7.6.1.191 __GCC_ATOMIC_CHAR16_T_LOCK_FREE

```
#define __GCC_ATOMIC_CHAR16_T_LOCK_FREE 2
```

7.6.1.192 __GCC_ATOMIC_CHAR32_T_LOCK_FREE

```
#define __GCC_ATOMIC_CHAR32_T_LOCK_FREE 2
```

7.6.1.193 __GCC_ATOMIC_CHAR_LOCK_FREE

```
#define __GCC_ATOMIC_CHAR_LOCK_FREE 2
```

7.6.1.194 __GCC_ATOMIC_INT_LOCK_FREE

```
#define __GCC_ATOMIC_INT_LOCK_FREE 2
```

7.6.1.195 __GCC_ATOMIC_LLONG_LOCK_FREE

```
#define __GCC_ATOMIC_LLONG_LOCK_FREE 2
```

7.6.1.196 __GCC_ATOMIC_LONG_LOCK_FREE

```
#define __GCC_ATOMIC_LONG_LOCK_FREE 2
```

7.6.1.197 __GCC_ATOMIC_POINTER_LOCK_FREE

```
#define __GCC_ATOMIC_POINTER_LOCK_FREE 2
```

7.6.1.198 __GCC_ATOMIC_SHORT_LOCK_FREE

```
#define __GCC_ATOMIC_SHORT_LOCK_FREE 2
```

7.6.1.199 __GCC_ATOMIC_TEST_AND_SET_TRUEVAL

```
#define __GCC_ATOMIC_TEST_AND_SET_TRUEVAL 1
```


7.6.1.200 __GCC_ATOMIC_WCHAR_T_LOCK_FREE

```
#define __GCC_ATOMIC_WCHAR_T_LOCK_FREE 2
```

7.6.1.201 __GCC_HAVE_DWARF2_CFI_ASM

```
#define __GCC_HAVE_DWARF2_CFI_ASM 1
```

7.6.1.202 __GCC_HAVE_SYNC_COMPARE_AND_SWAP_1

```
#define __GCC_HAVE_SYNC_COMPARE_AND_SWAP_1 1
```

7.6.1.203 __GCC_HAVE_SYNC_COMPARE_AND_SWAP_2

```
#define __GCC_HAVE_SYNC_COMPARE_AND_SWAP_2 1
```

7.6.1.204 __GCC_HAVE_SYNC_COMPARE_AND_SWAP_4

```
#define __GCC_HAVE_SYNC_COMPARE_AND_SWAP_4 1
```

7.6.1.205 __GCC_HAVE_SYNC_COMPARE_AND_SWAP_8

```
#define __GCC_HAVE_SYNC_COMPARE_AND_SWAP_8 1
```

7.6.1.206 __GCC_IEC_559

```
#define __GCC_IEC_559 2
```

7.6.1.207 __GCC_IEC_559_COMPLEX

```
#define __GCC_IEC_559_COMPLEX 2
```

7.6.1.208 __GLIBCXX_BITSIZE_INT_N_0

```
#define __GLIBCXX_BITSIZE_INT_N_0 128
```

7.6.1.209 __GLIBCXX_TYPE_INT_N_0

```
#define __GLIBCXX_TYPE_INT_N_0 __int128
```

7.6.1.210 __gnu_linux__

```
#define __gnu_linux__ 1
```

7.6.1.211 __GNUC__

```
#define __GNUC__ 10
```

7.6.1.212 __GNUC_MINOR__

```
#define __GNUC_MINOR__ 2
```

7.6.1.213 __GNUC_PATCHLEVEL__

```
#define __GNUC_PATCHLEVEL__ 0
```

7.6.1.214 __GNUC_STDC_INLINE__

```
#define __GNUC_STDC_INLINE__ 1
```

7.6.1.215 __GNUG__

```
#define __GNUG__ 10
```

7.6.1.216 __GXX_ABI_VERSION

```
#define __GXX_ABI_VERSION 1014
```

7.6.1.217 __GXX_EXPERIMENTAL_CXX0X__

```
#define __GXX_EXPERIMENTAL_CXX0X__ 1
```

7.6.1.218 __GXX_RTTI

```
#define __GXX_RTTI 1
```

7.6.1.219 __GXX_WEAK__

```
#define __GXX_WEAK__ 1
```

7.6.1.220 __HAVE_SPECULATION_SAFE_VALUE

```
#define __HAVE_SPECULATION_SAFE_VALUE 1
```

7.6.1.221 __INT16_C

```
#define __INT16_C(  
    c ) c
```

7.6.1.222 __INT16_MAX__

```
#define __INT16_MAX__ 0x7fff
```

7.6.1.223 __INT16_TYPE__

```
#define __INT16_TYPE__ short int
```

7.6.1.224 __INT32_C

```
#define __INT32_C(  
    c ) c
```

7.6.1.225 __INT32_MAX__

```
#define __INT32_MAX__ 0x7fffffff
```

7.6.1.226 __INT32_TYPE__

```
#define __INT32_TYPE__ int
```

7.6.1.227 __INT64_C

```
#define __INT64_C(  
    c ) c ## L
```

7.6.1.228 __INT64_MAX__

```
#define __INT64_MAX__ 0xffffffffffffffffL
```

7.6.1.229 __INT64_TYPE__

```
#define __INT64_TYPE__ long int
```

7.6.1.230 __INT8_C

```
#define __INT8_C(  
    c ) c
```

7.6.1.231 __INT8_MAX__

```
#define __INT8_MAX__ 0x7f
```

7.6.1.232 __INT8_TYPE__

```
#define __INT8_TYPE__ signed char
```

7.6.1.233 __INT_FAST16_MAX__

```
#define __INT_FAST16_MAX__ 0x7fffffffffffffffL
```

7.6.1.234 __INT_FAST16_TYPE__

```
#define __INT_FAST16_TYPE__ long int
```

7.6.1.235 __INT_FAST16_WIDTH__

```
#define __INT_FAST16_WIDTH__ 64
```

7.6.1.236 __INT_FAST32_MAX__

```
#define __INT_FAST32_MAX__ 0x7fffffffffffffffL
```

7.6.1.237 __INT_FAST32_TYPE__

```
#define __INT_FAST32_TYPE__ long int
```

7.6.1.238 __INT_FAST32_WIDTH__

```
#define __INT_FAST32_WIDTH__ 64
```

7.6.1.239 __INT_FAST64_MAX__

```
#define __INT_FAST64_MAX__ 0x7fffffffffffffffffL
```

7.6.1.240 __INT_FAST64_TYPE__

```
#define __INT_FAST64_TYPE__ long int
```

7.6.1.241 __INT_FAST64_WIDTH__

```
#define __INT_FAST64_WIDTH__ 64
```

7.6.1.242 __INT_FAST8_MAX__

```
#define __INT_FAST8_MAX__ 0x7f
```

7.6.1.243 __INT_FAST8_TYPE__

```
#define __INT_FAST8_TYPE__ signed char
```

7.6.1.244 __INT_FAST8_WIDTH__

```
#define __INT_FAST8_WIDTH__ 8
```

7.6.1.245 __INT_LEAST16_MAX__

```
#define __INT_LEAST16_MAX__ 0x7fff
```

7.6.1.246 __INT_LEAST16_TYPE__

```
#define __INT_LEAST16_TYPE__ short int
```

7.6.1.247 __INT_LEAST16_WIDTH__

```
#define __INT_LEAST16_WIDTH__ 16
```

7.6.1.248 __INT_LEAST32_MAX__

```
#define __INT_LEAST32_MAX__ 0x7fffffff
```

7.6.1.249 __INT_LEAST32_TYPE__

```
#define __INT_LEAST32_TYPE__ int
```

7.6.1.250 __INT_LEAST32_WIDTH__

```
#define __INT_LEAST32_WIDTH__ 32
```

7.6.1.251 __INT_LEAST64_MAX__

```
#define __INT_LEAST64_MAX__ 0x7fffffffffffffffffL
```

7.6.1.252 __INT_LEAST64_TYPE__

```
#define __INT_LEAST64_TYPE__ long int
```

7.6.1.253 __INT_LEAST64_WIDTH__

```
#define __INT_LEAST64_WIDTH__ 64
```

7.6.1.254 __INT_LEAST8_MAX__

```
#define __INT_LEAST8_MAX__ 0x7f
```

7.6.1.255 __INT_LEAST8_TYPE__

```
#define __INT_LEAST8_TYPE__ signed char
```

7.6.1.256 __INT_LEAST8_WIDTH__

```
#define __INT_LEAST8_WIDTH__ 8
```

7.6.1.257 __INT_MAX__

```
#define __INT_MAX__ 0x7fffffff
```

7.6.1.258 __INT_WIDTH__

```
#define __INT_WIDTH__ 32
```

7.6.1.259 __INTMAX_C

```
#define __INTMAX_C(  
    c ) c ## L
```


7.6.1.260 __INTMAX_MAX__

```
#define __INTMAX_MAX__ 0x7fffffffffffffffL
```

7.6.1.261 __INTMAX_TYPE__

```
#define __INTMAX_TYPE__ long int
```

7.6.1.262 __INTMAX_WIDTH__

```
#define __INTMAX_WIDTH__ 64
```

7.6.1.263 __INTPTR_MAX__

```
#define __INTPTR_MAX__ 0x7fffffffffffffffL
```

7.6.1.264 __INTPTR_TYPE__

```
#define __INTPTR_TYPE__ long int
```

7.6.1.265 __INTPTR_WIDTH__

```
#define __INTPTR_WIDTH__ 64
```

7.6.1.266 __k8

```
#define __k8 1
```

7.6.1.267 __k8__

```
#define __k8__ 1
```

7.6.1.268 __LDBL_DECIMAL_DIG__

```
#define __LDBL_DECIMAL_DIG__ 21
```

7.6.1.269 __LDBL_DENORM_MIN__

```
#define __LDBL_DENORM_MIN__ 3.64519953188247460252840593361941982e-4951L
```

7.6.1.270 __LDBL_DIG__

```
#define __LDBL_DIG__ 18
```

7.6.1.271 __LDBL_EPSILON__

```
#define __LDBL_EPSILON__ 1.08420217248550443400745280086994171e-19L
```

7.6.1.272 __LDBL_HAS_DENORM__

```
#define __LDBL_HAS_DENORM__ 1
```

7.6.1.273 __LDBL_HAS_INFINITY__

```
#define __LDBL_HAS_INFINITY__ 1
```

7.6.1.274 __LDBL_HAS_QUIET_NAN__

```
#define __LDBL_HAS_QUIET_NAN__ 1
```

7.6.1.275 __LDBL_MANT_DIG__

```
#define __LDBL_MANT_DIG__ 64
```

7.6.1.276 __LDBL_MAX_10_EXP__

```
#define __LDBL_MAX_10_EXP__ 4932
```

7.6.1.277 __LDBL_MAX__

```
#define __LDBL_MAX__ 1.18973149535723176502126385303097021e+4932L
```

7.6.1.278 __LDBL_MAX_EXP__

```
#define __LDBL_MAX_EXP__ 16384
```

7.6.1.279 __LDBL_MIN_10_EXP__

```
#define __LDBL_MIN_10_EXP__ (-4931)
```

7.6.1.280 __LDBL_MIN__

```
#define __LDBL_MIN__ 3.36210314311209350626267781732175260e-4932L
```

7.6.1.281 __LDBL_MIN_EXP__

```
#define __LDBL_MIN_EXP__ (-16381)
```

7.6.1.282 __LDBL_NORM_MAX__

```
#define __LDBL_NORM_MAX__ 1.18973149535723176502126385303097021e+4932L
```

7.6.1.283 __linux

```
#define __linux 1
```

7.6.1.284 __linux__

```
#define __linux__ 1
```

7.6.1.285 __LONG_LONG_MAX__

```
#define __LONG_LONG_MAX__ 0x7fffffffffffffffffLL
```

7.6.1.286 __LONG_LONG_WIDTH__

```
#define __LONG_LONG_WIDTH__ 64
```

7.6.1.287 __LONG_MAX__

```
#define __LONG_MAX__ 0x7fffffffffffffffL
```

7.6.1.288 __LONG_WIDTH__

```
#define __LONG_WIDTH__ 64
```

7.6.1.289 __LP64__

```
#define __LP64__ 1
```

7.6.1.290 __MMX__

```
#define __MMX__ 1
```

7.6.1.291 __MMX_WITH_SSE__

```
#define __MMX_WITH_SSE__ 1
```

7.6.1.292 __NO_INLINE__

```
#define __NO_INLINE__ 1
```

7.6.1.293 __ORDER_BIG_ENDIAN__

```
#define __ORDER_BIG_ENDIAN__ 4321
```

7.6.1.294 __ORDER_LITTLE_ENDIAN__

```
#define __ORDER_LITTLE_ENDIAN__ 1234
```

7.6.1.295 __ORDER_PDP_ENDIAN__

```
#define __ORDER_PDP_ENDIAN__ 3412
```

7.6.1.296 __pic__

```
#define __pic__ 2
```

7.6.1.297 __PIC__

```
#define __PIC__ 2
```

7.6.1.298 __pie__

```
#define __pie__ 2
```

7.6.1.299 __PIE__

```
#define __PIE__ 2
```

7.6.1.300 __PRAGMA_REDEFINE_EXTNAME

```
#define __PRAGMA_REDEFINE_EXTNAME 1
```

7.6.1.301 __PTRDIFF_MAX__

```
#define __PTRDIFF_MAX__ 0x7fffffffffffffffL
```

7.6.1.302 __PTRDIFF_TYPE__

```
#define __PTRDIFF_TYPE__ long int
```

7.6.1.303 __PTRDIFF_WIDTH__

```
#define __PTRDIFF_WIDTH__ 64
```

7.6.1.304 __REGISTER_PREFIX__

```
#define __REGISTER_PREFIX__
```

7.6.1.305 __SCHAR_MAX__

```
#define __SCHAR_MAX__ 0x7f
```

7.6.1.306 __SCHAR_WIDTH__

```
#define __SCHAR_WIDTH__ 8
```

7.6.1.307 __SEG_FS

```
#define __SEG_FS 1
```

7.6.1.308 __SEG_GS

```
#define __SEG_GS 1
```

7.6.1.309 __SHRT_MAX__

```
#define __SHRT_MAX__ 0x7fff
```

7.6.1.310 __SHRT_WIDTH__

```
#define __SHRT_WIDTH__ 16
```

7.6.1.311 __SIG_ATOMIC_MAX__

```
#define __SIG_ATOMIC_MAX__ 0x7fffffff
```

7.6.1.312 __SIG_ATOMIC_MIN__

```
#define __SIG_ATOMIC_MIN__ (-__SIG_ATOMIC_MAX__ - 1)
```

7.6.1.313 __SIG_ATOMIC_TYPE__

```
#define __SIG_ATOMIC_TYPE__ int
```

7.6.1.314 __SIG_ATOMIC_WIDTH__

```
#define __SIG_ATOMIC_WIDTH__ 32
```

7.6.1.315 __SIZE_MAX__

```
#define __SIZE_MAX__ 0xffffffffffffffffUL
```

7.6.1.316 __SIZE_TYPE__

```
#define __SIZE_TYPE__ long unsigned int
```

7.6.1.317 __SIZE_WIDTH__

```
#define __SIZE_WIDTH__ 64
```

7.6.1.318 __SIZEOF_DOUBLE__

```
#define __SIZEOF_DOUBLE__ 8
```

7.6.1.319 __SIZEOF_FLOAT128__

```
#define __SIZEOF_FLOAT128__ 16
```

7.6.1.320 __SIZEOF_FLOAT80__

```
#define __SIZEOF_FLOAT80__ 16
```

7.6.1.321 __SIZEOF_FLOAT__

```
#define __SIZEOF_FLOAT__ 4
```

7.6.1.322 __SIZEOF_INT128__

```
#define __SIZEOF_INT128__ 16
```

7.6.1.323 __SIZEOF_INT__

```
#define __SIZEOF_INT__ 4
```


7.6.1.324 __SIZEOF_LONG__

```
#define __SIZEOF_LONG__ 8
```

7.6.1.325 __SIZEOF_LONG_DOUBLE__

```
#define __SIZEOF_LONG_DOUBLE__ 16
```

7.6.1.326 __SIZEOF_LONG_LONG__

```
#define __SIZEOF_LONG_LONG__ 8
```

7.6.1.327 __SIZEOF_POINTER__

```
#define __SIZEOF_POINTER__ 8
```

7.6.1.328 __SIZEOF_PTRDIFF_T__

```
#define __SIZEOF_PTRDIFF_T__ 8
```

7.6.1.329 __SIZEOF_SHORT__

```
#define __SIZEOF_SHORT__ 2
```

7.6.1.330 __SIZEOF_SIZE_T__

```
#define __SIZEOF_SIZE_T__ 8
```

7.6.1.331 __SIZEOF_WCHAR_T__

```
#define __SIZEOF_WCHAR_T__ 4
```

7.6.1.332 __SIZEOF_WINT_T__

```
#define __SIZEOF_WINT_T__ 4
```

7.6.1.333 __SSE2__

```
#define __SSE2__ 1
```

7.6.1.334 __SSE2_MATH__

```
#define __SSE2_MATH__ 1
```

7.6.1.335 __SSE__

```
#define __SSE__ 1
```

7.6.1.336 __SSE_MATH__

```
#define __SSE_MATH__ 1
```

7.6.1.337 __SSP_STRONG__

```
#define __SSP_STRONG__ 3
```

7.6.1.338 __STDC__

```
#define __STDC__ 1
```

7.6.1.339 __STDC_HOSTED__

```
#define __STDC_HOSTED__ 1
```

7.6.1.340 __STDC_IEC_559__

```
#define __STDC_IEC_559__ 1
```

7.6.1.341 __STDC_IEC_559_COMPLEX__

```
#define __STDC_IEC_559_COMPLEX__ 1
```

7.6.1.342 __STDC_ISO_10646__

```
#define __STDC_ISO_10646__ 201706L
```

7.6.1.343 __STDC_UTF_16__

```
#define __STDC_UTF_16__ 1
```

7.6.1.344 __STDC_UTF_32__

```
#define __STDC_UTF_32__ 1
```

7.6.1.345 __UINT16_C

```
#define __UINT16_C(  
    c ) c
```

7.6.1.346 __UINT16_MAX__

```
#define __UINT16_MAX__ 0xffff
```

7.6.1.347 __UINT16_TYPE__

```
#define __UINT16_TYPE__ short unsigned int
```

7.6.1.348 __UINT32_C

```
#define __UINT32_C(  
    c ) c ## U
```

7.6.1.349 __UINT32_MAX__

```
#define __UINT32_MAX__ 0xffffffffU
```

7.6.1.350 __UINT32_TYPE__

```
#define __UINT32_TYPE__ unsigned int
```

7.6.1.351 __UINT64_C

```
#define __UINT64_C(  
    c ) c ## UL
```

7.6.1.352 __UINT64_MAX__

```
#define __UINT64_MAX__ 0xffffffffffffffffUL
```

7.6.1.353 __UINT64_TYPE__

```
#define __UINT64_TYPE__ long unsigned int
```

7.6.1.354 __UINT8_C

```
#define __UINT8_C(  
    c ) c
```

7.6.1.355 __UINT8_MAX__

```
#define __UINT8_MAX__ 0xff
```

7.6.1.356 __UINT8_TYPE__

```
#define __UINT8_TYPE__ unsigned char
```

7.6.1.357 __UINT_FAST16_MAX__

```
#define __UINT_FAST16_MAX__ 0xffffffffffffffffUL
```

7.6.1.358 __UINT_FAST16_TYPE__

```
#define __UINT_FAST16_TYPE__ long unsigned int
```

7.6.1.359 __UINT_FAST32_MAX__

```
#define __UINT_FAST32_MAX__ 0xffffffffffffffffUL
```

7.6.1.360 __UINT_FAST32_TYPE__

```
#define __UINT_FAST32_TYPE__ long unsigned int
```

7.6.1.361 __UINT_FAST64_MAX__

```
#define __UINT_FAST64_MAX__ 0xffffffffffffffffUL
```

7.6.1.362 __UINT_FAST64_TYPE__

```
#define __UINT_FAST64_TYPE__ long unsigned int
```

7.6.1.363 __UINT_FAST8_MAX__

```
#define __UINT_FAST8_MAX__ 0xff
```

7.6.1.364 __UINT_FAST8_TYPE__

```
#define __UINT_FAST8_TYPE__ unsigned char
```

7.6.1.365 __UINT_LEAST16_MAX__

```
#define __UINT_LEAST16_MAX__ 0xffff
```

7.6.1.366 __UINT_LEAST16_TYPE__

```
#define __UINT_LEAST16_TYPE__ short unsigned int
```

7.6.1.367 __UINT_LEAST32_MAX__

```
#define __UINT_LEAST32_MAX__ 0xffffffffU
```

7.6.1.368 __UINT_LEAST32_TYPE__

```
#define __UINT_LEAST32_TYPE__ unsigned int
```

7.6.1.369 __UINT_LEAST64_MAX__

```
#define __UINT_LEAST64_MAX__ 0xffffffffffffffffUL
```

7.6.1.370 __UINT_LEAST64_TYPE__

```
#define __UINT_LEAST64_TYPE__ long unsigned int
```

7.6.1.371 __UINT_LEAST8_MAX__

```
#define __UINT_LEAST8_MAX__ 0xff
```

7.6.1.372 __UINT_LEAST8_TYPE__

```
#define __UINT_LEAST8_TYPE__ unsigned char
```

7.6.1.373 __UINTMAX_C

```
#define __UINTMAX_C(  
    c ) c ## UL
```

7.6.1.374 __UINTMAX_MAX__

```
#define __UINTMAX_MAX__ 0xffffffffffffffffUL
```

7.6.1.375 __UINTMAX_TYPE__

```
#define __UINTMAX_TYPE__ long unsigned int
```

7.6.1.376 __UINTPTR_MAX__

```
#define __UINTPTR_MAX__ 0xffffffffffffffffUL
```

7.6.1.377 __UINTPTR_TYPE__

```
#define __UINTPTR_TYPE__ long unsigned int
```

7.6.1.378 __unix

```
#define __unix 1
```

7.6.1.379 __unix__

```
#define __unix__ 1
```

7.6.1.380 __USER_LABEL_PREFIX__

```
#define __USER_LABEL_PREFIX__
```

7.6.1.381 __VERSION__

```
#define __VERSION__ "10.2.0"
```

7.6.1.382 __WCHAR_MAX__

```
#define __WCHAR_MAX__ 0x7fffffff
```

7.6.1.383 __WCHAR_MIN__

```
#define __WCHAR_MIN__ (-__WCHAR_MAX__ - 1)
```


7.6.1.384 __WCHAR_TYPE__

```
#define __WCHAR_TYPE__ int
```

7.6.1.385 __WCHAR_WIDTH__

```
#define __WCHAR_WIDTH__ 32
```

7.6.1.386 __WINT_MAX__

```
#define __WINT_MAX__ 0xffffffffU
```

7.6.1.387 __WINT_MIN__

```
#define __WINT_MIN__ 0U
```

7.6.1.388 __WINT_TYPE__

```
#define __WINT_TYPE__ unsigned int
```

7.6.1.389 __WINT_WIDTH__

```
#define __WINT_WIDTH__ 32
```

7.6.1.390 __x86_64

```
#define __x86_64 1
```

7.6.1.391 __x86_64__

```
#define __x86_64__ 1
```

7.6.1.392 GNU_SOURCE

```
#define GNU_SOURCE 1
```

7.6.1.393 LP64

```
#define LP64 1
```

7.6.1.394 STDC_PREDEF_H

```
#define STDC_PREDEF_H 1
```

7.6.1.395 ABI_ID

```
#define ABI_ID "ELF"
```

7.6.1.396 linux

```
#define linux 1
```

7.6.1.397 QT_CORE_LIB

```
#define QT_CORE_LIB 1
```

7.6.1.398 QT_GUI_LIB

```
#define QT_GUI_LIB 1
```

7.6.1.399 QT_WIDGETS_LIB

```
#define QT_WIDGETS_LIB 1
```

7.6.1.400 SIZEOF_DPTR

```
#define SIZEOF_DPTR (sizeof(void*))
```

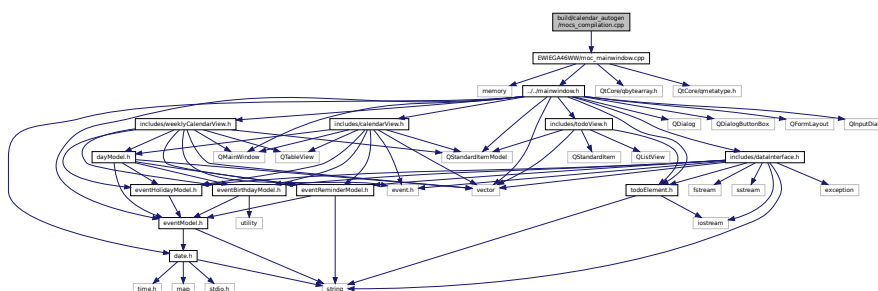
7.6.1.401 unix

```
#define unix 1
```

7.7 Dokumentacja pliku build/calendar_autogen/mocs_compilation.cpp

```
#include "EWIEGA46WW/moc_mainwindow.cpp"
```

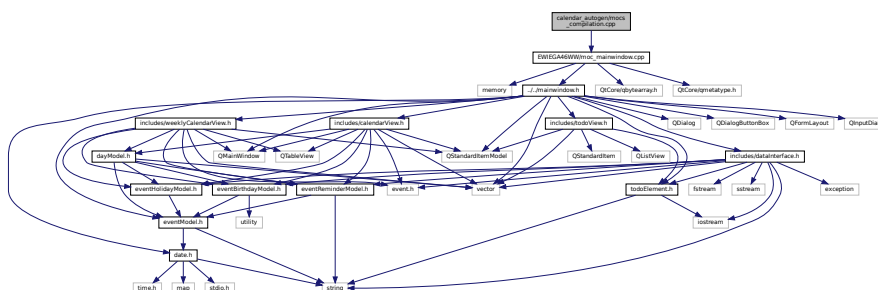
Wykres zależności załączania dla mocs_compilation.cpp:



7.8 Dokumentacja pliku `calendar_autogen/mocs_compilation.cpp`

```
#include "EWIEGA46WW/moc_mainwindow.cpp"
```

Wykres zależności załączania dla mocs_compilation.cpp:



7.10.1.1 ARCHITECTURE_ID

```
#define ARCHITECTURE_ID
```

7.10.1.2 COMPILER_ID

```
#define COMPILER_ID ""
```

7.10.1.3 CXX_STD

```
#define CXX_STD __cplusplus
```

7.10.1.4 DEC

```
#define DEC(  
    n )
```

Wartość:

```
('0' + ((n) / 10000000) % 10), \  
( '0' + ((n) / 1000000) % 10), \  
( '0' + ((n) / 100000) % 10), \  
( '0' + ((n) / 10000) % 10), \  
( '0' + ((n) / 1000) % 10), \  
( '0' + ((n) / 100) % 10), \  
( '0' + ((n) / 10) % 10), \  
( '0' + ((n) % 10))
```

7.10.1.5 HEX

```
#define HEX(  
    n )
```

Wartość:

```
('0' + ((n) >> 28 & 0xF)), \  
( '0' + ((n) >> 24 & 0xF)), \  
( '0' + ((n) >> 20 & 0xF)), \  
( '0' + ((n) >> 16 & 0xF)), \  
( '0' + ((n) >> 12 & 0xF)), \  
( '0' + ((n) >> 8 & 0xF)), \  
( '0' + ((n) >> 4 & 0xF)), \  
( '0' + ((n) & 0xF))
```

7.10.1.6 PLATFORM_ID

```
#define PLATFORM_ID
```

7.10.1.7 STRINGIFY

```
#define STRINGIFY(  
    X ) STRINGIFY_HELPER(X)
```

7.10.1.8 STRINGIFY_HELPER

```
#define STRINGIFY_HELPER(  
    X ) #X
```

7.10.2 Dokumentacja funkcji

7.10.2.1 main()

```
int main (  
    int argc,  
    char * argv[] )
```

7.10.3 Dokumentacja zmiennych

7.10.3.1 info_arch

```
char const* info_arch = "INFO" ":" "arch[" ARCHITECTURE_ID "]"
```

7.10.3.2 info_compiler

```
char const* info_compiler = "INFO" ":" "compiler[" COMPILER_ID "]"
```

7.10.3.3 info_language_dialect_default

```
const char* info_language_dialect_default
```

Wartość początkowa:

```
= "INFO" ":" "dialect_default["  
  "98"  
  "]"
```

7.10.3.4 info_platform

```
char const* info_platform = "INFO" ":" "platform[" PLATFORM_ID "]"
```

7.11 Dokumentacja pliku build/CMakeFiles/3.20.1/CompilerIdCXX/CMakeCXXCompilerId.cpp

Definicje

- `#define COMPILER_ID ""`
- `#define STRINGIFY_HELPER(X) #X`
- `#define STRINGIFY(X) STRINGIFY_HELPER(X)`
- `#define PLATFORM_ID`
- `#define ARCHITECTURE_ID`
- `#define DEC(n)`
- `#define HEX(n)`
- `#define CXX_STD __cplusplus`

Funkcje

- `int main (int argc, char *argv[])`

Zmienne

- `char const * info_compiler = "INFO" ":" "compiler[" COMPILER_ID "]"`
- `char const * info_platform = "INFO" ":" "platform[" PLATFORM_ID "]"`
- `char const * info_arch = "INFO" ":" "arch[" ARCHITECTURE_ID "]"`
- `const char * info_language_dialect_default`

7.11.1 Dokumentacja definicji

7.11.1.1 ARCHITECTURE_ID

```
#define ARCHITECTURE_ID
```

7.11.1.2 COMPILER_ID

```
#define COMPILER_ID ""
```

7.11.1.3 CXX_STD

```
#define CXX_STD __cplusplus
```

7.11.1.4 DEC

```
#define DEC(  
    n )
```

Wartość:

```
('0' + ((n) / 10000000) % 10), \  
( '0' + ((n) / 1000000) % 10), \  
( '0' + ((n) / 100000) % 10), \  
( '0' + ((n) / 10000) % 10), \  
( '0' + ((n) / 1000) % 10), \  
( '0' + ((n) / 100) % 10), \  
( '0' + ((n) / 10) % 10), \  
( '0' + ((n) % 10)
```

7.11.1.5 HEX

```
#define HEX(  
    n )
```

Wartość:

```
('0' + ((n) >> 28 & 0xF)), \  
( '0' + ((n) >> 24 & 0xF)), \  
( '0' + ((n) >> 20 & 0xF)), \  
( '0' + ((n) >> 16 & 0xF)), \  
( '0' + ((n) >> 12 & 0xF)), \  
( '0' + ((n) >> 8 & 0xF)), \  
( '0' + ((n) >> 4 & 0xF)), \  
( '0' + ((n) & 0xF))
```


7.11.1.6 PLATFORM_ID

```
#define PLATFORM_ID
```

7.11.1.7 STRINGIFY

```
#define STRINGIFY(  
    X ) STRINGIFY_HELPER(X)
```

7.11.1.8 STRINGIFY_HELPER

```
#define STRINGIFY_HELPER(  
    X ) #X
```

7.11.2 Dokumentacja funkcji

7.11.2.1 main()

```
int main (  
    int argc,  
    char * argv[] )
```

7.11.3 Dokumentacja zmiennych

7.11.3.1 info_arch

```
char const* info_arch = "INFO" ":" "arch[" ARCHITECTURE_ID "]"
```

7.11.3.2 info_compiler

```
char const* info_compiler = "INFO" ":" "compiler[" COMPILER_ID "]"
```

7.11.3.3 info_language_dialect_default

```
const char* info_language_dialect_default
```

Wartość początkowa:

```
= "INFO" ":" "dialect_default["  
  "98"  
  "]"
```

7.11.3.4 info_platform

```
char const* info_platform = "INFO" ":" "platform[" PLATFORM_ID "]"
```

7.12 Dokumentacja pliku

build/CMakeFiles/3.20.2/CompilerIdCXX/CMakeCXXCompilerId.cpp

Definicje

- `#define COMPILER_ID ""`
- `#define STRINGIFY_HELPER(X) #X`
- `#define STRINGIFY(X) STRINGIFY_HELPER(X)`
- `#define PLATFORM_ID`
- `#define ARCHITECTURE_ID`
- `#define DEC(n)`
- `#define HEX(n)`
- `#define CXX_STD __cplusplus`

Funkcje

- `int main (int argc, char *argv[])`

Zmienne

- `char const * info_compiler = "INFO" ":" "compiler[" COMPILER_ID "]"`
- `char const * info_platform = "INFO" ":" "platform[" PLATFORM_ID "]"`
- `char const * info_arch = "INFO" ":" "arch[" ARCHITECTURE_ID "]"`
- `const char * info_language_dialect_default`

7.12.1 Dokumentacja definicji

7.12.1.1 ARCHITECTURE_ID

```
#define ARCHITECTURE_ID
```

7.12.1.2 COMPILER_ID

```
#define COMPILER_ID ""
```

7.12.1.3 CXX_STD

```
#define CXX_STD __cplusplus
```

7.12.1.4 DEC

```
#define DEC(  
    n )
```

Wartość:

```
('0' + ((n) / 10000000) % 10), \  
( '0' + ((n) / 1000000) % 10), \  
( '0' + ((n) / 100000) % 10), \  
( '0' + ((n) / 10000) % 10), \  
( '0' + ((n) / 1000) % 10), \  
( '0' + ((n) / 100) % 10), \  
( '0' + ((n) / 10) % 10), \  
( '0' + ((n) % 10))
```

7.12.1.5 HEX

```
#define HEX(  
    n )
```

Wartość:

```
('0' + ((n) >> 28 & 0xF)), \  
( '0' + ((n) >> 24 & 0xF)), \  
( '0' + ((n) >> 20 & 0xF)), \  
( '0' + ((n) >> 16 & 0xF)), \  
( '0' + ((n) >> 12 & 0xF)), \  
( '0' + ((n) >> 8 & 0xF)), \  
( '0' + ((n) >> 4 & 0xF)), \  
( '0' + ((n) & 0xF))
```

7.12.1.6 PLATFORM_ID

```
#define PLATFORM_ID
```

7.12.1.7 STRINGIFY

```
#define STRINGIFY(  
    X ) STRINGIFY_HELPER(X)
```

7.12.1.8 STRINGIFY_HELPER

```
#define STRINGIFY_HELPER(  
    X ) #X
```

7.12.2 Dokumentacja funkcji

7.12.2.1 main()

```
int main (  
    int argc,  
    char * argv[] )
```

7.12.3 Dokumentacja zmiennych

7.12.3.1 info_arch

```
char const* info_arch = "INFO" ":" "arch[" ARCHITECTURE_ID "]"
```

7.12.3.2 info_compiler

```
char const* info_compiler = "INFO" ":" "compiler[" COMPILER_ID "]"
```

7.12.3.3 info_language_dialect_default

```
const char* info_language_dialect_default
```

Wartość początkowa:

```
= "INFO" ":" "dialect_default["  
  "98"  
"]"
```

7.12.3.4 info_platform

```
char const* info_platform = "INFO" ":" "platform[" PLATFORM_ID "]"
```

7.13 Dokumentacja pliku cmake-build-debug/CMakeFiles/3.20.0/CompilerIdCXX/CMakeCXXCompilerId.cpp

Definicje

- #define COMPILER_ID ""
- #define STRINGIFY_HELPER(X) #X
- #define STRINGIFY(X) STRINGIFY_HELPER(X)
- #define PLATFORM_ID
- #define ARCHITECTURE_ID
- #define DEC(n)
- #define HEX(n)
- #define CXX_STD __cplusplus

Funkcje

- int main (int argc, char *argv[])

Zmienne

- char const * info_compiler = "INFO" ":" "compiler[" COMPILER_ID "]"
- char const * info_platform = "INFO" ":" "platform[" PLATFORM_ID "]"
- char const * info_arch = "INFO" ":" "arch[" ARCHITECTURE_ID "]"
- const char * info_language_dialect_default

7.13.1 Dokumentacja definicji

7.13.1.1 ARCHITECTURE_ID

```
#define ARCHITECTURE_ID
```

7.13.1.2 COMPILER_ID

```
#define COMPILER_ID ""
```

7.13.1.3 CXX_STD

```
#define CXX_STD __cplusplus
```

7.13.1.4 DEC

```
#define DEC(  
    n )
```

Wartość:

```
('0' + ((n) / 10000000) % 10), \
('0' + ((n) / 1000000) % 10), \
('0' + ((n) / 100000) % 10), \
('0' + ((n) / 10000) % 10), \
('0' + ((n) / 1000) % 10), \
('0' + ((n) / 100) % 10), \
('0' + ((n) / 10) % 10), \
('0' + ((n) % 10))
```

7.13.1.5 HEX

```
#define HEX(  
    n )
```

Wartość:

```
('0' + ((n) >> 28 & 0xF)), \
('0' + ((n) >> 24 & 0xF)), \
('0' + ((n) >> 20 & 0xF)), \
('0' + ((n) >> 16 & 0xF)), \
('0' + ((n) >> 12 & 0xF)), \
('0' + ((n) >> 8 & 0xF)), \
('0' + ((n) >> 4 & 0xF)), \
('0' + ((n) & 0xF))
```

7.13.1.6 PLATFORM_ID

```
#define PLATFORM_ID
```

7.13.1.7 STRINGIFY

```
#define STRINGIFY(  
    X ) STRINGIFY_HELPER(X)
```

7.13.1.8 STRINGIFY_HELPER

```
#define STRINGIFY_HELPER(  
    X ) #X
```

7.13.2 Dokumentacja funkcji

7.13.2.1 main()

```
int main (  
    int argc,  
    char * argv[] )
```

7.13.3 Dokumentacja zmiennych

7.13.3.1 info_arch

```
char const* info_arch = "INFO" ":" "arch[" ARCHITECTURE_ID "]"
```

7.13.3.2 info_compiler

```
char const* info_compiler = "INFO" ":" "compiler[" COMPILER_ID "]"
```

7.13.3.3 info_language_dialect_default

```
const char* info_language_dialect_default
```

Wartość początkowa:

```
= "INFO" ":" "dialect_default["  
  "98"  
  "]"
```

7.13.3.4 info_platform

```
char const* info_platform = "INFO" ":" "platform[" PLATFORM_ID "]"
```

7.14 Dokumentacja pliku

CMakeFiles/3.20.1/CompilerIdCXX/CMakeCXXCompilerId.cpp

Definicje

- `#define COMPILER_ID ""`
- `#define STRINGIFY_HELPER(X) #X`
- `#define STRINGIFY(X) STRINGIFY_HELPER(X)`
- `#define PLATFORM_ID`
- `#define ARCHITECTURE_ID`
- `#define DEC(n)`
- `#define HEX(n)`
- `#define CXX_STD __cplusplus`

Funkcje

- `int main (int argc, char *argv[])`

Zmienne

- `char const * info_compiler = "INFO" ":" "compiler[" COMPILER_ID "]"`
- `char const * info_platform = "INFO" ":" "platform[" PLATFORM_ID "]"`
- `char const * info_arch = "INFO" ":" "arch[" ARCHITECTURE_ID "]"`
- `const char * info_language_dialect_default`

7.14.1 Dokumentacja definicji

7.14.1.1 ARCHITECTURE_ID

```
#define ARCHITECTURE_ID
```

7.14.1.2 COMPILER_ID

```
#define COMPILER_ID ""
```

7.14.1.3 CXX_STD

```
#define CXX_STD __cplusplus
```

7.14.1.4 DEC

```
#define DEC(  
    n )
```

Wartość:

```
('0' + ((n) / 10000000) % 10), \  
( '0' + ((n) / 1000000) % 10), \  
( '0' + ((n) / 100000) % 10), \  
( '0' + ((n) / 10000) % 10), \  
( '0' + ((n) / 1000) % 10), \  
( '0' + ((n) / 100) % 10), \  
( '0' + ((n) / 10) % 10), \  
( '0' + ((n) % 10)
```

7.14.1.5 HEX

```
#define HEX(  
    n )
```

Wartość:

```
('0' + ((n) >> 28 & 0xF)), \  
( '0' + ((n) >> 24 & 0xF)), \  
( '0' + ((n) >> 20 & 0xF)), \  
( '0' + ((n) >> 16 & 0xF)), \  
( '0' + ((n) >> 12 & 0xF)), \  
( '0' + ((n) >> 8 & 0xF)), \  
( '0' + ((n) >> 4 & 0xF)), \  
( '0' + ((n) & 0xF))
```

7.14.1.6 PLATFORM_ID

```
#define PLATFORM_ID
```

7.14.1.7 STRINGIFY

```
#define STRINGIFY(  
    X ) STRINGIFY_HELPER(X)
```

7.14.1.8 STRINGIFY_HELPER

```
#define STRINGIFY_HELPER(  
    X ) #X
```

7.14.2 Dokumentacja funkcji

7.14.2.1 main()

```
int main (  
    int argc,  
    char * argv[] )
```

7.14.3 Dokumentacja zmiennych

7.14.3.1 info_arch

```
char const* info_arch = "INFO" ":" "arch[" ARCHITECTURE_ID "]"
```

7.14.3.2 info_compiler

```
char const* info_compiler = "INFO" ":" "compiler[" COMPILER_ID "]"
```

7.14.3.3 info_language_dialect_default

```
const char* info_language_dialect_default
```

Wartość początkowa:

```
= "INFO" ":" "dialect_default["  
  "98"  
"]"
```

7.14.3.4 info_platform

```
char const* info_platform = "INFO" ":" "platform[" PLATFORM_ID "]"
```

7.15 Dokumentacja pliku CMakeFiles/3.20.2/CompilerIdCXX/CMakeCXXCompilerId.cpp

Definicje

- `#define COMPILER_ID ""`
- `#define STRINGIFY_HELPER(X) #X`
- `#define STRINGIFY(X) STRINGIFY_HELPER(X)`
- `#define PLATFORM_ID`
- `#define ARCHITECTURE_ID`
- `#define DEC(n)`
- `#define HEX(n)`
- `#define CXX_STD __cplusplus`

Funkcje

- `int main (int argc, char *argv[])`

Zmienne

- `char const * info_compiler = "INFO" ":" "compiler[" COMPILER_ID "]"`
- `char const * info_platform = "INFO" ":" "platform[" PLATFORM_ID "]"`
- `char const * info_arch = "INFO" ":" "arch[" ARCHITECTURE_ID "]"`
- `const char * info_language_dialect_default`

7.15.1 Dokumentacja definicji

7.15.1.1 ARCHITECTURE_ID

```
#define ARCHITECTURE_ID
```

7.15.1.2 COMPILER_ID

```
#define COMPILER_ID ""
```

7.15.1.3 CXX_STD

```
#define CXX_STD __cplusplus
```

7.15.1.4 DEC

```
#define DEC(  
    n )
```

Wartość:

```
('0' + ((n) / 10000000) % 10), \
('0' + ((n) / 1000000) % 10), \
('0' + ((n) / 100000) % 10), \
('0' + ((n) / 10000) % 10), \
('0' + ((n) / 1000) % 10), \
('0' + ((n) / 100) % 10), \
('0' + ((n) / 10) % 10), \
('0' + ((n) % 10))
```

7.15.1.5 HEX

```
#define HEX(  
    n )
```

Wartość:

```
('0' + ((n) >> 28 & 0xF)), \
('0' + ((n) >> 24 & 0xF)), \
('0' + ((n) >> 20 & 0xF)), \
('0' + ((n) >> 16 & 0xF)), \
('0' + ((n) >> 12 & 0xF)), \
('0' + ((n) >> 8 & 0xF)), \
('0' + ((n) >> 4 & 0xF)), \
('0' + ((n) & 0xF))
```

7.15.1.6 PLATFORM_ID

```
#define PLATFORM_ID
```

7.15.1.7 STRINGIFY

```
#define STRINGIFY(  
    X ) STRINGIFY_HELPER(X)
```

7.15.1.8 STRINGIFY_HELPER

```
#define STRINGIFY_HELPER(  
    X ) #X
```

7.15.2 Dokumentacja funkcji

7.15.2.1 main()

```
int main (  
    int argc,  
    char * argv[] )
```

7.15.3 Dokumentacja zmiennych

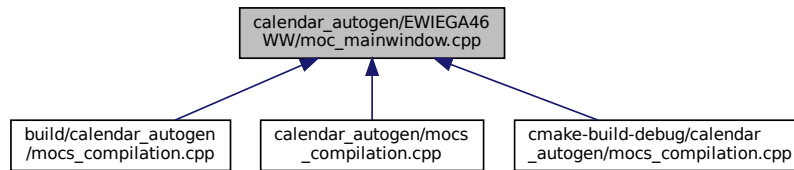
7.15.3.1 info_arch

```
char const* info_arch = "INFO" ":" "arch[" ARCHITECTURE_ID "]"
```

7.15.3.2 info_compiler

```
char const* info_compiler = "INFO" ":" "compiler[" COMPILER_ID "]"
```


Ten wykres pokazuje, które pliki bezpośrednio lub pośrednio załączają ten plik:



Komponenty

- struct [qt_meta_stringdata_MainWindow_t](#)

Definicje

- #define [QT_MOC_LITERAL](#)(idx, ofs, len)

7.22.1 Dokumentacja definicji

7.22.1.1 QT_MOC_LITERAL

```
#define QT_MOC_LITERAL(
    idx,
    ofs,
    len )
```

Wartość:

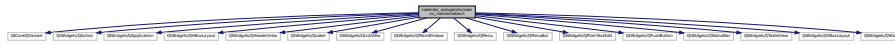
```
Q_STATIC_BYTE_ARRAY_DATA_HEADER_INITIALIZER_WITH_OFFSET(len, \
    qptrdiff(offsetof(qt_meta_stringdata_MainWindow_t, stringdata0) + ofs \
        - idx * sizeof(QByteArrayData)) \
    )
```

7.23 Dokumentacja pliku calendar_autogen/include/ui_mainwindow.h

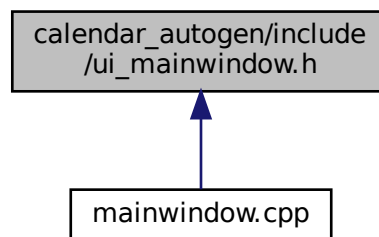
```
#include <QtCore/QVariant>
#include <QtWidgets/QAction>
#include <QtWidgets/QApplication>
#include <QtWidgets/QHBoxLayout>
#include <QtWidgets/QHeaderView>
#include <QtWidgets/QLabel>
#include <QtWidgets/QListView>
#include <QtWidgets/QMainWindow>
#include <QtWidgets/QMenu>
#include <QtWidgets/QMenuBar>
```

```
#include <QtWidgets/QPlainTextEdit>
#include <QtWidgets/QPushButton>
#include <QtWidgets/QStatusBar>
#include <QtWidgets/QTableView>
#include <QtWidgets/QVBoxLayout>
#include <QtWidgets/QWidget>
```

Wykres zależności załączania dla ui_mainwindow.h:



Ten wykres pokazuje, które pliki bezpośrednio lub pośrednio załączają ten plik:



Komponenty

- class [Ui_MainWindow](#)
- class [Ui::MainWindow](#)

Przestrzenie nazw

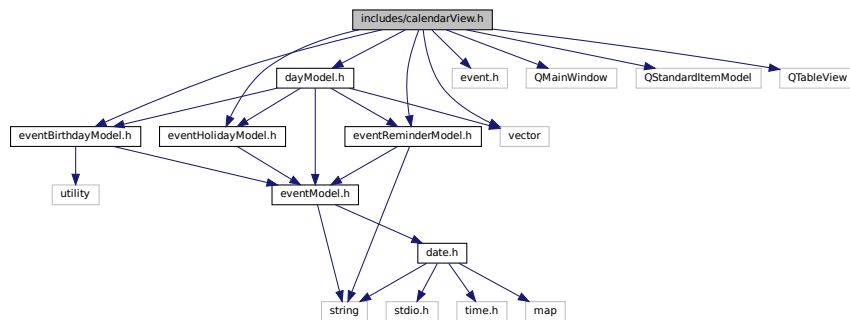
- [Ui](#)

- 7.24 Dokumentacja pliku**
CMakeFiles/calendar.dir/res/calendarView.cpp.o.d
- 7.25 Dokumentacja pliku**
CMakeFiles/calendar.dir/res/dataInterface.cpp.o.d
- 7.26 Dokumentacja pliku CMakeFiles/calendar.dir/res/date.cpp.o.d**
- 7.27 Dokumentacja pliku CMakeFiles/calendar.dir/res/dayModel.cpp.o.d**
- 7.28 Dokumentacja pliku**
CMakeFiles/calendar.dir/res/eventBirthdayModel.cpp.o.d
- 7.29 Dokumentacja pliku**
CMakeFiles/calendar.dir/res/eventHolidayModel.cpp.o.d
- 7.30 Dokumentacja pliku**
CMakeFiles/calendar.dir/res/eventModel.cpp.o.d
- 7.31 Dokumentacja pliku**
CMakeFiles/calendar.dir/res/eventReminderModel.cpp.o.d
- 7.32 Dokumentacja pliku**
CMakeFiles/calendar.dir/res/inputDialog.cpp.o.d
- 7.33 Dokumentacja pliku**
CMakeFiles/calendar.dir/res/todoElement.cpp.o.d
- 7.34 Dokumentacja pliku CMakeFiles/calendar.dir/res/todoView.cpp.o.d**
- 7.35 Dokumentacja pliku**
CMakeFiles/calendar.dir/res/weeklyCalendarView.cpp.o.d
- 7.36 Dokumentacja pliku includes/calendarView.h**

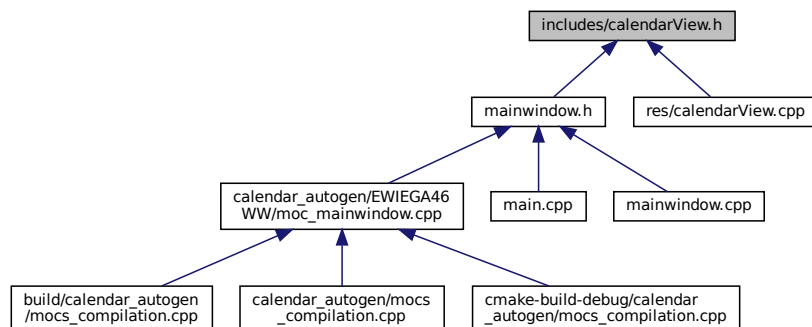
```
#include "dayModel.h"  
#include "event.h"
```

```
#include "eventBirthdayModel.h"
#include "eventHolidayModel.h"
#include "eventReminderModel.h"
#include <QMainWindow>
#include <QStandardItemModel>
#include <QTableView>
#include <vector>
```

Wykres zależności załączania dla calendarView.h:



Ten wykres pokazuje, które pliki bezpośrednio lub pośrednio załączają ten plik:



Komponenty

- class [calendar::calendarView](#)
klasa opisująca model widoku miesięcznego.

Przestrzenie nazw

- [calendar](#)

7.36.1 Opis szczegółowy

Autor

Wojciech Janota

Wersja

0.1

Data

2021-05-18

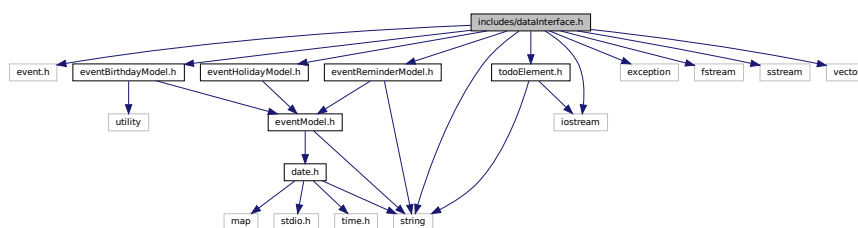
Copyright

Copyright (c) 2021

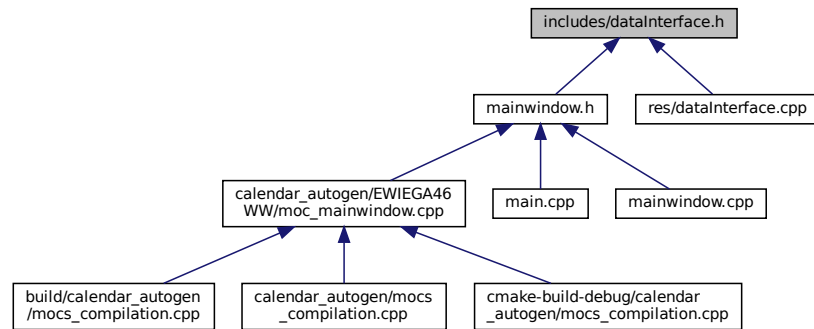
7.37 Dokumentacja pliku includes/dataInterface.h

```
#include "event.h"
#include "eventBirthdayModel.h"
#include "eventHolidayModel.h"
#include "eventReminderModel.h"
#include "todoElement.h"
#include <exception>
#include <fstream>
#include <iostream>
#include <sstream>
#include <string>
#include <vector>
```

Wykres zależności załączania dla dataInterface.h:



Ten wykres pokazuje, które pliki bezpośrednio lub pośrednio załączają ten plik:



Komponenty

- class `calendar::dataInterface< T >`
Klasa interfejs do zapisu danych do pliku.

Przestrzenie nazw

- `calendar`

7.37.1 Opis szczegółowy

Autor

Wojciech Janota

Wersja

0.1

Data

2021-05-18

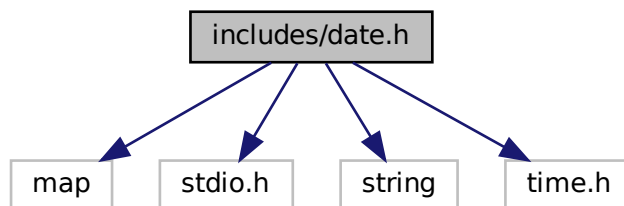
Copyright

Copyright (c) 2021

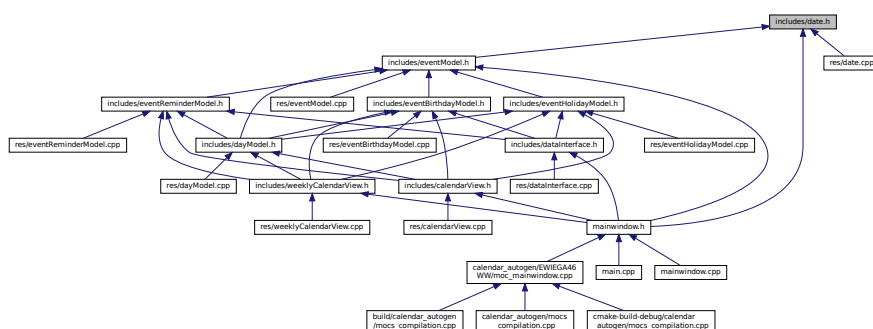
7.38 Dokumentacja pliku includes/date.h

```
#include <map>
#include <stdio.h>
#include <string>
#include <time.h>
```

Wykres zależności załączania dla date.h:



Ten wykres pokazuje, które pliki bezpośrednio lub pośrednio załączają ten plik:



Komponenty

- class `calendar::date`
klasa obsługująca datę.

Przestrzeń nazw

- `calendar`

Definicje

- `#define MAX_YEAR_CAP 5000`

Definicje typów

- typedef enum `calendar::weekDayModel` `calendar::weekDayModel`
typ wyliczeniowy obsługujący dzień tygodnia.
- typedef enum `calendar::monthModel` `calendar::monthModel`
typ wyliczeniowy obsługujący miesiące.

Wyliczenia

- enum `calendar::weekDayModel` {
`calendar::Mon` = 0 , `calendar::Tue` = 1 , `calendar::Wed` = 2 , `calendar::Thu` = 3 ,
`calendar::Fri` = 4 , `calendar::Sat` = 5 , `calendar::Sun` = 6 }
typ wyliczeniowy obsługujący dzień tygodnia.
- enum `calendar::monthModel` {
`calendar::Jan` = 0 , `calendar::Feb` = 1 , `calendar::Mar` = 2 , `calendar::Apr` = 3 ,
`calendar::May` = 4 , `calendar::Jun` = 5 , `calendar::Jul` = 6 , `calendar::Aug` = 7 ,
`calendar::Sep` = 8 , `calendar::Oct` = 9 , `calendar::Nov` = 10 , `calendar::Dec` = 11 }
typ wyliczeniowy obsługujący miesiące.

7.38.1 Opis szczegółowy

Autor

Wojciech Janota

Wersja

0.1

Data

2021-05-18

Copyright

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7.38.2 Dokumentacja definicji

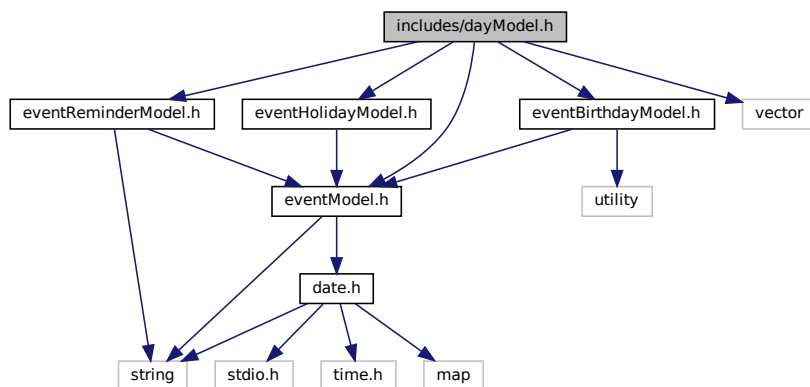
7.38.2.1 MAX_YEAR_CAP

```
#define MAX_YEAR_CAP 5000
```

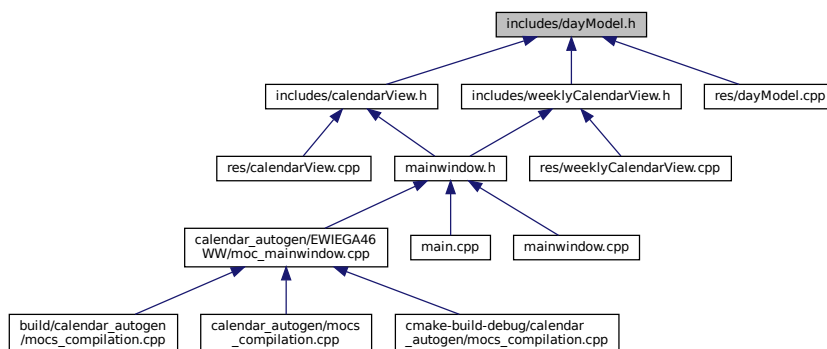
7.39 Dokumentacja pliku includes/dayModel.h

```
#include "eventBirthdayModel.h"
#include "eventHolidayModel.h"
#include "eventModel.h"
#include "eventReminderModel.h"
#include <vector>
```

Wykres zależności załączania dla dayModel.h:



Ten wykres pokazuje, które pliki bezpośrednio lub pośrednio załączają ten plik:



Komponenty

- class `calendar::day`

Przestrzenie nazw

- `calendar`

7.39.1 Opis szczegółowy

Autor

Wojciech Janota

Wersja

0.1

Data

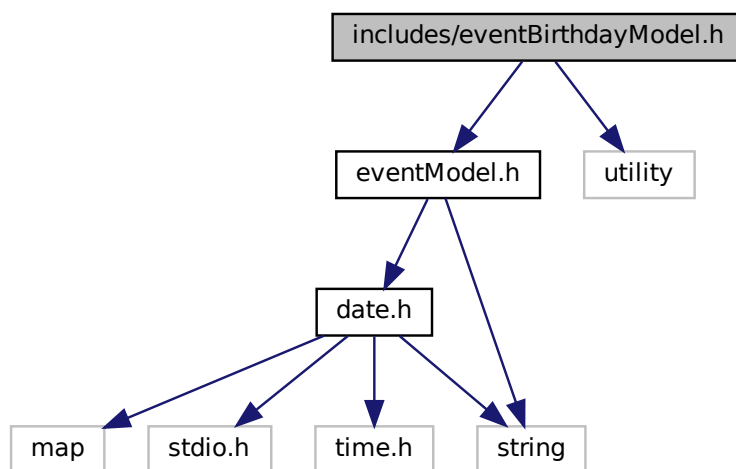
27/04/2021

7.40 Dokumentacja pliku includes/eventBirthdayModel.h

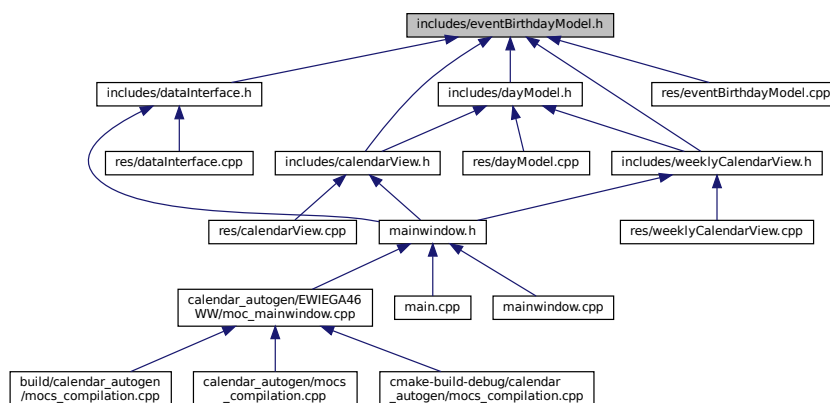
```
#include "eventModel.h"
```

```
#include <utility>
```

Wykres zależności załączania dla eventBirthdayModel.h:



Ten wykres pokazuje, które pliki bezpośrednio lub pośrednio załączają ten plik:



Komponenty

- class `calendar::eventBirthday`

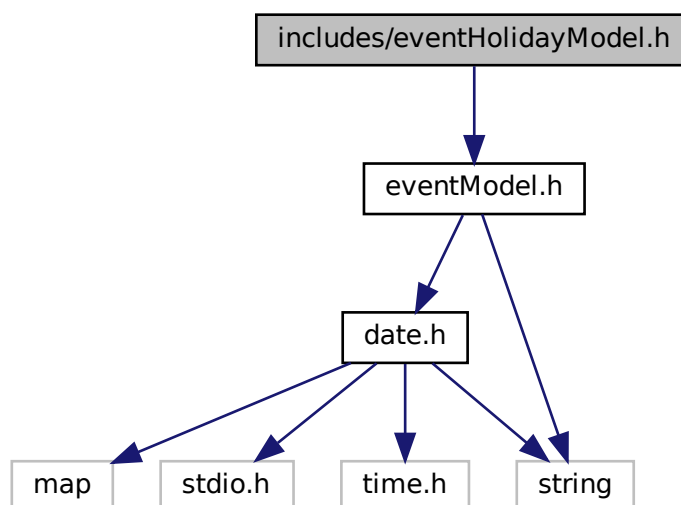
Przestrzenie nazw

- `calendar`

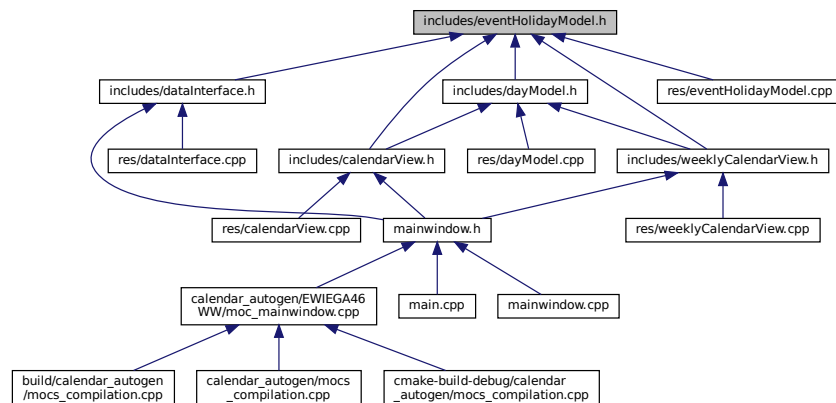
7.41 Dokumentacja pliku includes/eventHolidayModel.h

```
#include "eventModel.h"
```

Wykres zależności załączania dla eventHolidayModel.h:



Ten wykres pokazuje, które pliki bezpośrednio lub pośrednio załączają ten plik:



Komponenty

- class [calendar::eventHoliday](#)

Przestrzenie nazw

- [calendar](#)

7.41.1 Opis szczegółowy

Autor

Wojciech Janota

Wersja

0.1

Data

2021-05-18

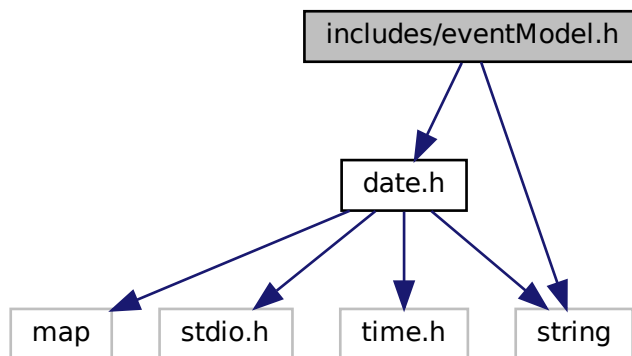
Copyright

Copyright (c) 2021

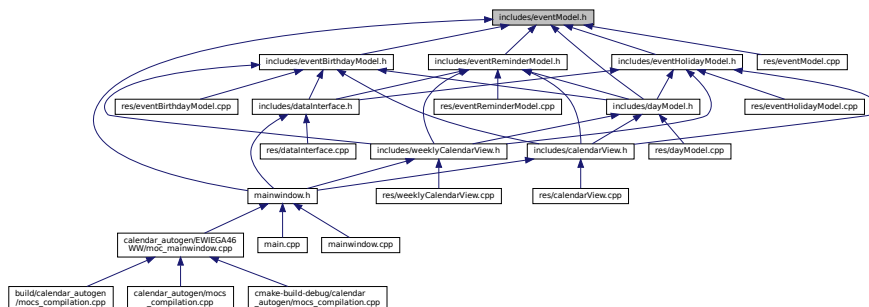
7.42 Dokumentacja pliku includes/eventModel.h

```
#include "date.h"
#include <string>
```

Wykres zależności załączania dla eventModel.h:



Ten wykres pokazuje, które pliki bezpośrednio lub pośrednio załączają ten plik:



Komponenty

- class `calendar::event`

Przestrzeń nazw

- `calendar`

Definicje typów

- typedef enum `calendar::repeatCycle` `calendar::repeatCycle`

Wyliczenia

- enum `calendar::repeatCycle` {
 `calendar::Daily` , `calendar::Weekly` , `calendar::Monthly` , `calendar::Annually` ,
 `calendar::None` }

7.42.1 Opis szczegółowy

Autor

Wojciech Janota

Wersja

0.1

Data

2021-05-18

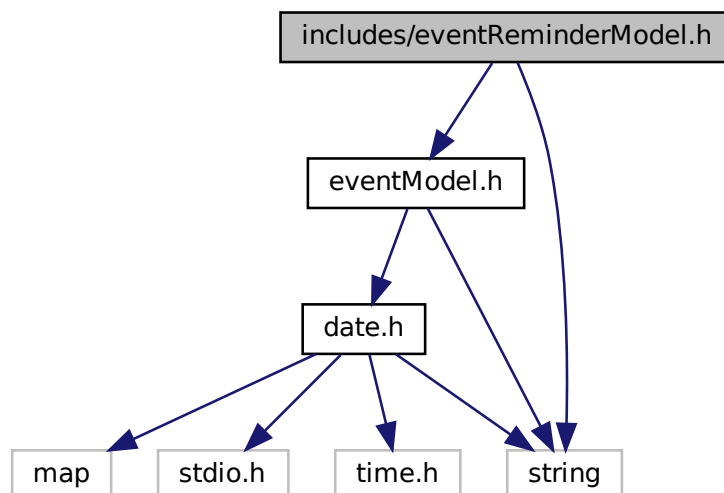
Copyright

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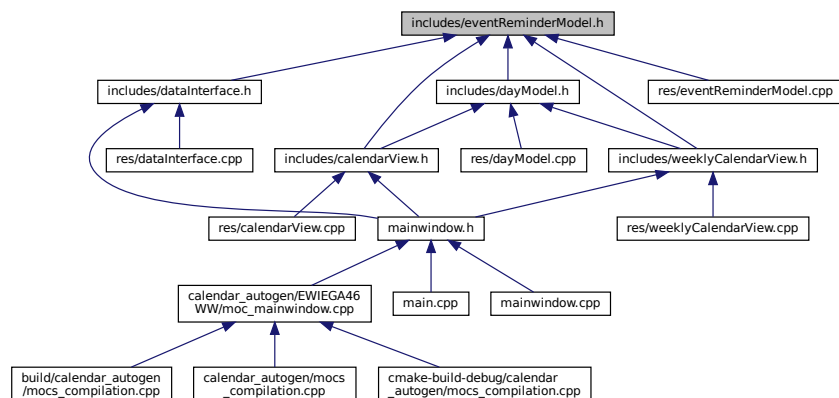
7.43 Dokumentacja pliku `includes/eventReminderModel.h`

```
#include "eventModel.h"  
#include <string>
```

Wykres zależności załączania dla `eventReminderModel.h`:



Ten wykres pokazuje, które pliki bezpośrednio lub pośrednio załączają ten plik:



Komponenty

- class [calendar::eventReminder](#)

Przestrzenie nazw

- [calendar](#)

7.43.1 Opis szczegółowy

Autor

Wojciech Janota

Wersja

0.1

Data

2021-05-18

Copyright

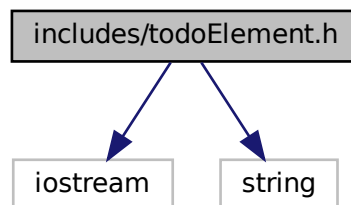
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7.44 Dokumentacja pliku includes/todoElement.h

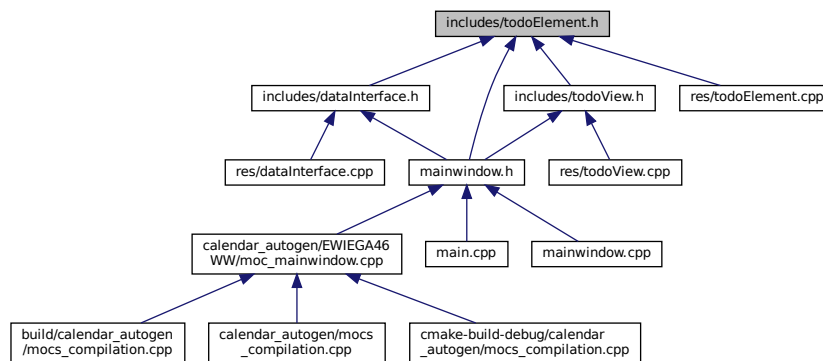
```
#include <iostream>
```

```
#include <string>
```

Wykres zależności załączania dla todoElement.h:



Ten wykres pokazuje, które pliki bezpośrednio lub pośrednio załączają ten plik:



Komponenty

- class `calendar::todoElement`
klasa przechowująca elementy listy zadań do zrobienia

Przestrzenie nazw

- `calendar`

7.44.1 Opis szczegółowy

Autor

Wojciech Janota

Wersja

0.1

Data

2021-05-18

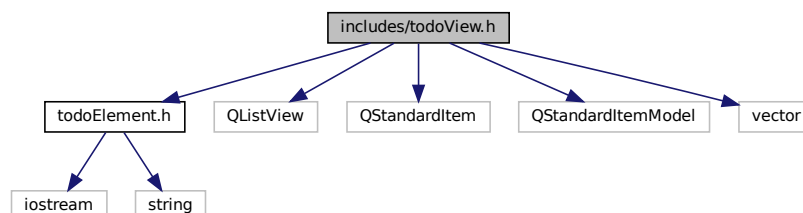
Copyright

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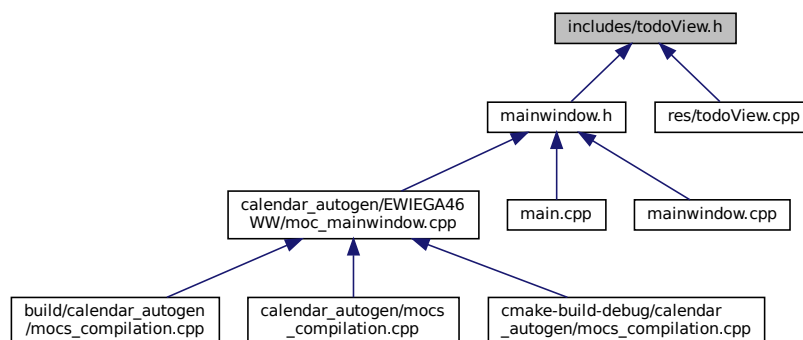
7.45 Dokumentacja pliku includes/todoView.h

```
#include "todoElement.h"  
#include <QListView>  
#include <QStandardItem>  
#include <QStandardItemModel>  
#include <vector>
```

Wykres zależności załączania dla todoView.h:



Ten wykres pokazuje, które pliki bezpośrednio lub pośrednio załączają ten plik:



Komponenty

- class `calendar::todoView`
Klasa opisująca widok elementów todo.

Przestrzeń nazw

- `calendar`

7.45.1 Opis szczegółowy

Autor

Wojciech Janota

Wersja

0.1

Data

2021-05-18

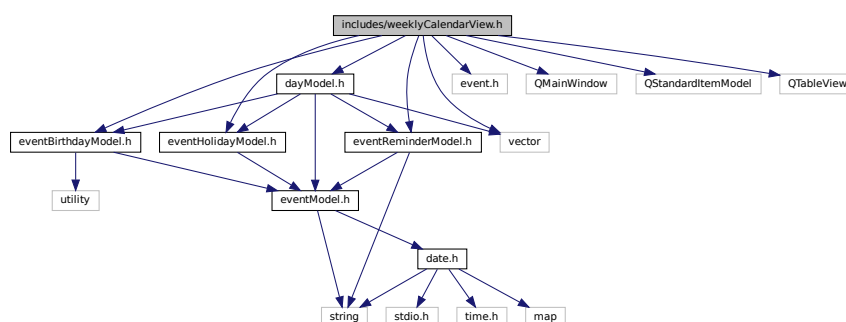
Copyright

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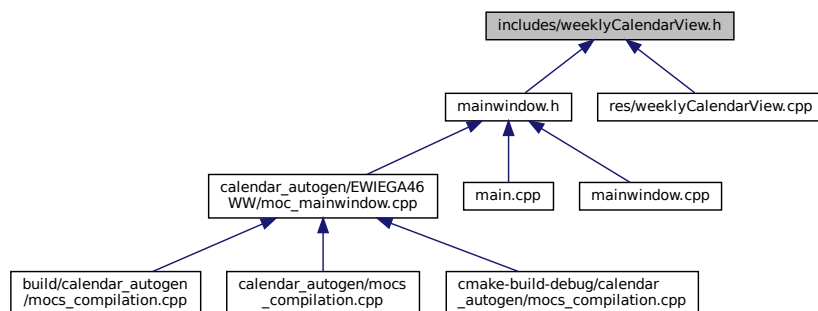
7.46 Dokumentacja pliku `includes/weeklyCalendarView.h`

```
#include "dayModel.h"
#include "event.h"
#include "eventBirthdayModel.h"
#include "eventHolidayModel.h"
#include "eventReminderModel.h"
#include <QMainWindow>
#include <QStandardItemModel>
#include <QTableView>
#include <vector>
```

Wykres zależności załączania dla `weeklyCalendarView.h`:



Ten wykres pokazuje, które pliki bezpośrednio lub pośrednio załączają ten plik:



Komponenty

- class `calendar::weeklyCalendarView`
Klasa operująca widokiem tygodniowym.

Przestrzenie nazw

- `calendar`

7.46.1 Opis szczegółowy

Autor

Wojciech Janota

Wersja

0.1

Data

2021-05-18

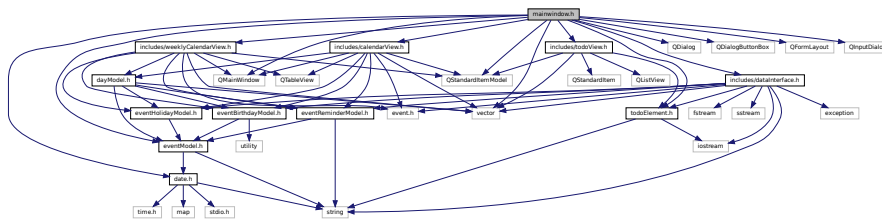
Copyright

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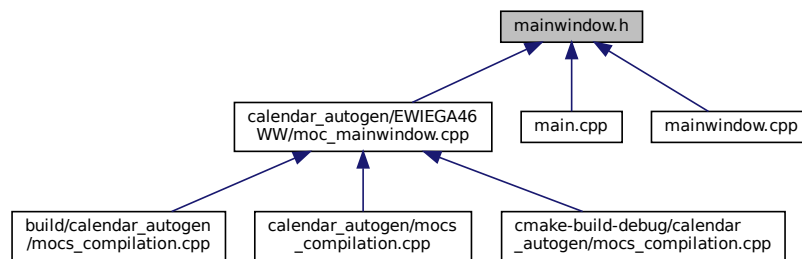
7.49 Dokumentacja pliku mainwindow.h

```
#include "includes/calendarView.h"
#include "includes/dataInterface.h"
#include "includes/date.h"
#include "includes/eventModel.h"
#include "includes/todoElement.h"
#include "includes/todoView.h"
#include "includes/weeklyCalendarView.h"
#include <QDialog>
#include <QDialogButtonBox>
#include <QFormLayout>
#include <QInputDialog>
#include <QMainWindow>
#include <QStandardItemModel>
#include <vector>
```

Wykres zależności załączania dla mainwindow.h:



Ten wykres pokazuje, które pliki bezpośrednio lub pośrednio załączają ten plik:



Komponenty

- class [MainWindow](#)

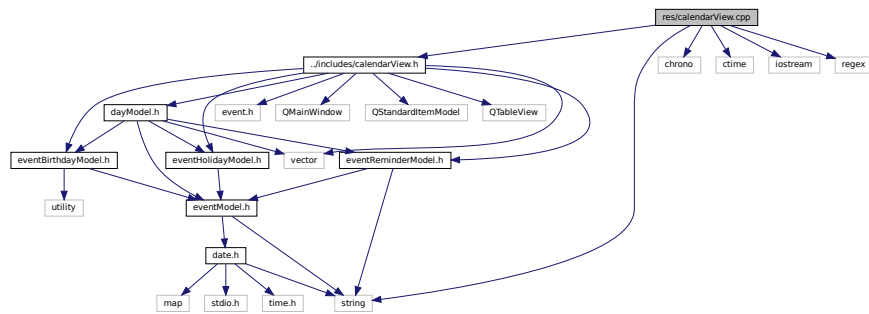
Przestrzeń nazw

- [Ui](#)

7.50 Dokumentacja pliku res/calendarView.cpp

```
#include "../includes/calendarView.h"
#include <chrono>
#include <ctime>
#include <iostream>
#include <regex>
#include <string>
```

Wykres zależności załączania dla calendarView.cpp:



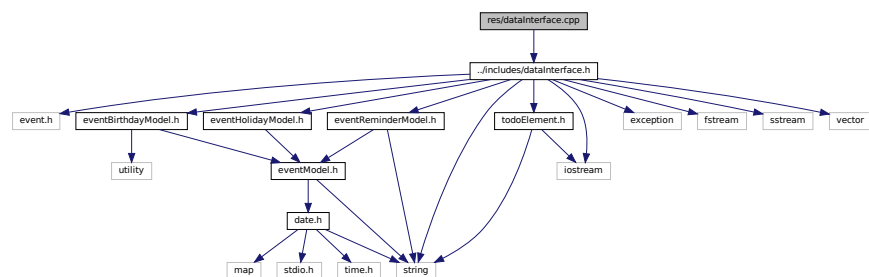
Przestrzenie nazw

- [calendar](#)

7.51 Dokumentacja pliku res/dataInterface.cpp

```
#include "../includes/dataInterface.h"
```

Wykres zależności załączania dla dataInterface.cpp:



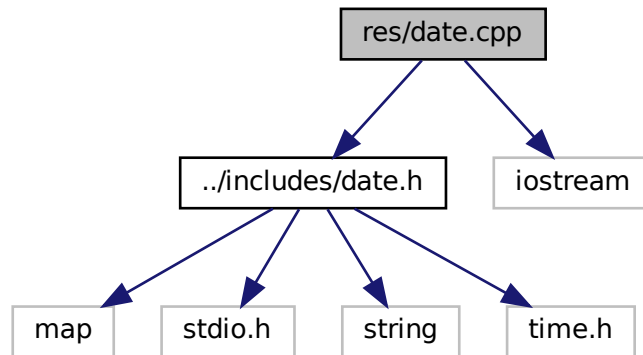
Przestrzenie nazw

- [calendar](#)

7.52 Dokumentacja pliku res/date.cpp

```
#include "../includes/date.h"  
#include <iostream>
```

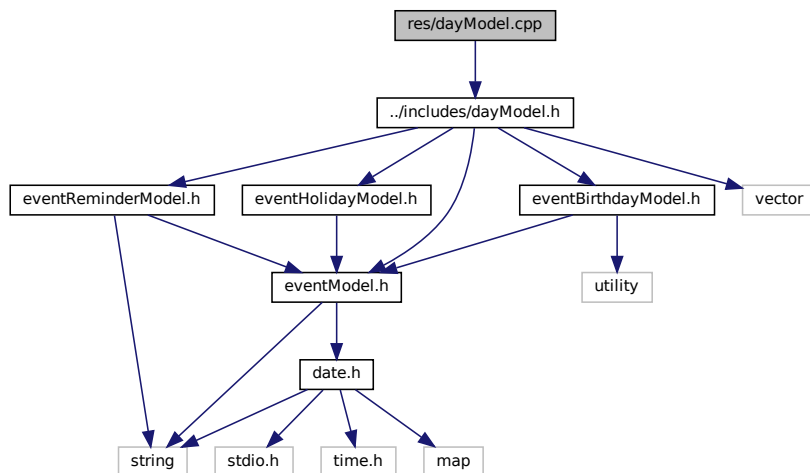
Wykres zależności załączania dla date.cpp:



7.53 Dokumentacja pliku res/dayModel.cpp

```
#include "../includes/dayModel.h"
```

Wykres zależności załączania dla dayModel.cpp:



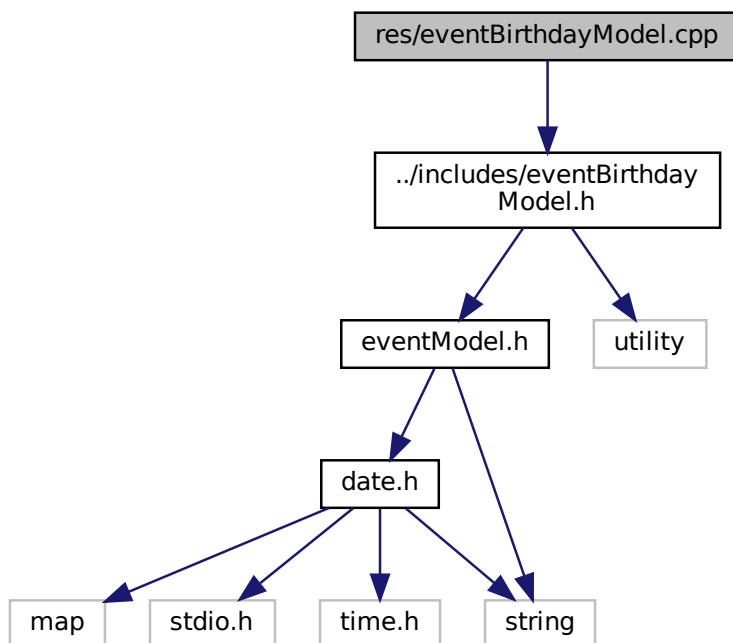
Przestrzenie nazw

- [calendar](#)

7.54 Dokumentacja pliku res/eventBirthdayModel.cpp

```
#include "../includes/eventBirthdayModel.h"
```

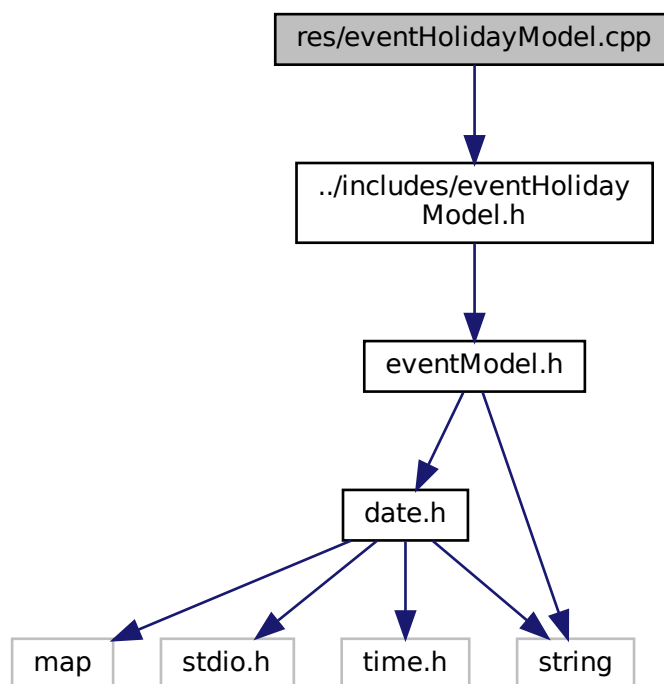
Wykres zależności załączania dla eventBirthdayModel.cpp:



7.55 Dokumentacja pliku res/eventHolidayModel.cpp

```
#include "../includes/eventHolidayModel.h"
```

Wykres zależności załączania dla eventHolidayModel.cpp:



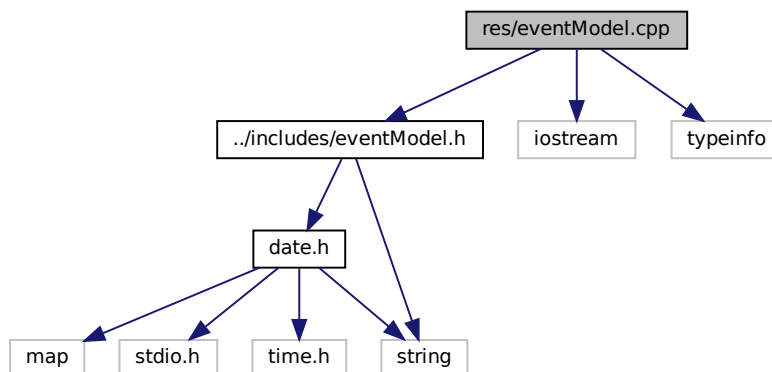
Przestrzenie nazw

- [calendar](#)

7.56 Dokumentacja pliku res/eventModel.cpp

```
#include "../includes/eventModel.h"
#include <iostream>
#include <typeinfo>
```

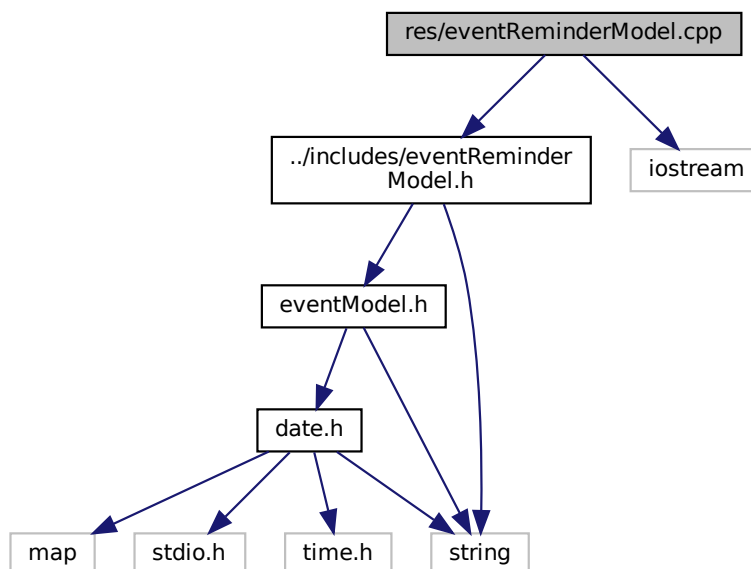
Wykres zależności załączania dla eventModel.cpp:



7.57 Dokumentacja pliku res/eventReminderModel.cpp

```
#include "../includes/eventReminderModel.h"  
#include <iostream>
```

Wykres zależności załączania dla eventReminderModel.cpp:



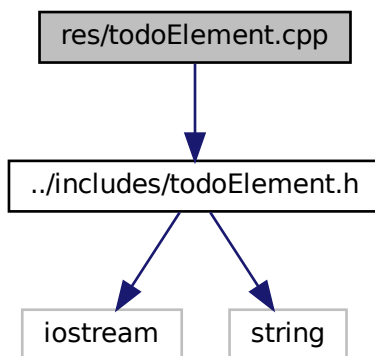
Przestrzenie nazw

- [calendar](#)

7.58 Dokumentacja pliku res/todoElement.cpp

```
#include "../includes/todoElement.h"
```

Wykres zależności załączania dla todoElement.cpp:



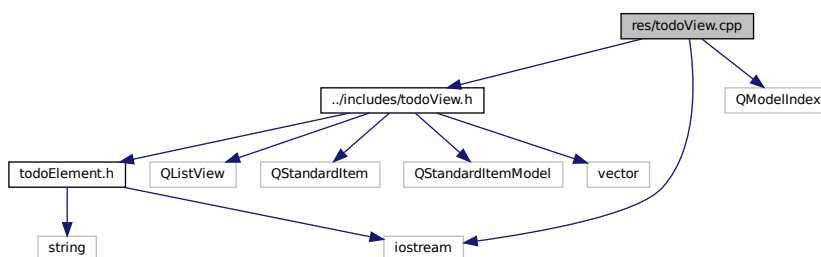
7.59 Dokumentacja pliku res/todoView.cpp

```
#include "../includes/todoView.h"
```

```
#include <QModelIndex>
```

```
#include <iostream>
```

Wykres zależności załączania dla todoView.cpp:



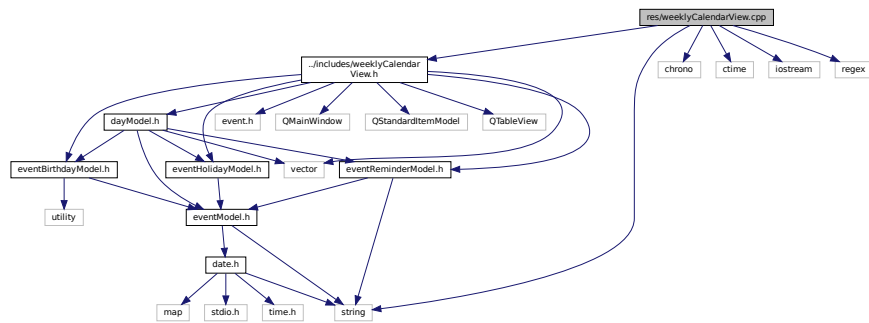
Przestrzenie nazw

- [calendar](#)

7.60 Dokumentacja pliku res/weeklyCalendarView.cpp

```
#include "../includes/weeklyCalendarView.h"
#include <chrono>
#include <ctime>
#include <iostream>
#include <regex>
#include <string>
```

Wykres zależności załączania dla weeklyCalendarView.cpp:



Przestrzenie nazw

- [calendar](#)

Indeks

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