calendar

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Chapter 1

Data Structure Index

1.1 Data Structures

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2 Data Structure Index

Chapter 2

File Index

2.1 File List

Here is a list of all files with brief descriptions:

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File Index

Chapter 3

Data Structure Documentation

3.1 Event Struct Reference

#include <structures.h>

Collaboration diagram for Event:



Data Fields

- int year
- int month
- int day
- int starthour
- int startmin
- int endhour
- int endmin
- $\bullet \ \ \text{char} * \\ \text{name}$
- char * location
- char * comment
- struct Event * next
- struct Event * prev

3.1.1 Field Documentation

struct Event* next

3.1.1.1 comment	
char* comment	
3.1.1.2 day	
int day	
3.1.1.3 endhour	
int endhour	
3.1.1.4 endmin	
int endmin	
3.1.1.5 location	
char* location	
3.1.1.6 month	
int month	
3.1.1.7 name	
char* name	
3.1.1.8 next	

3.1.1.9 prev

struct Event* prev

3.1.1.10 starthour

int starthour

3.1.1.11 startmin

int startmin

3.1.1.12 year

int year

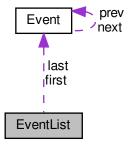
The documentation for this struct was generated from the following file:

• /home/dani/Documents/egyetem/prog1/nagyhazi/hazi2/calendar2/calendar/structures.h

3.2 EventList Struct Reference

#include <structures.h>

Collaboration diagram for EventList:



Data Fields

- Event * first
- Event * last

3.2.1 Field Documentation

3.2.1.1 first

Event* first

3.2.1.2 last

Event* last

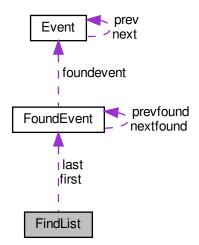
The documentation for this struct was generated from the following file:

• /home/dani/Documents/egyetem/prog1/nagyhazi/hazi2/calendar2/calendar/structures.h

3.3 FindList Struct Reference

#include <structures.h>

Collaboration diagram for FindList:



Data Fields

- FoundEvent * first
- FoundEvent * last

3.3.1 Field Documentation

3.3.1.1 first

FoundEvent* first

3.3.1.2 last

FoundEvent* last

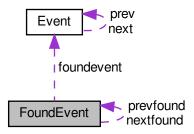
The documentation for this struct was generated from the following file:

• /home/dani/Documents/egyetem/prog1/nagyhazi/hazi2/calendar2/calendar/structures.h

3.4 FoundEvent Struct Reference

#include <structures.h>

Collaboration diagram for FoundEvent:



Data Fields

- Event * foundevent
- struct FoundEvent * prevfound
- struct FoundEvent * nextfound

3.4.1 Field Documentation

3.4.1.1 foundevent

Event* foundevent

3.4.1.2 nextfound

struct FoundEvent* nextfound

3.4.1.3 prevfound

struct FoundEvent* prevfound

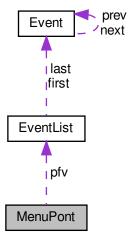
The documentation for this struct was generated from the following file:

• /home/dani/Documents/egyetem/prog1/nagyhazi/hazi2/calendar2/calendar/structures.h

3.5 MenuPont Struct Reference

#include <structures.h>

Collaboration diagram for MenuPont:



Data Fields

- char const * nev
- MenuFv pfv

3.5.1 Field Documentation

3.5.1.1 nev

char const* nev

3.5.1.2 pfv

MenuFv pfv

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

• /home/dani/Documents/egyetem/prog1/nagyhazi/hazi2/calendar2/calendar/structures.h

3.6 SearchConditions Struct Reference

#include <structures.h>

Data Fields

- char * name
- int week
- int month
- int day

3.6.1 Field Documentation

3.6.1.1 day

int day

3.6.1.2	nonth
int mo	ch
3.6.1.3	ame
char*	ame
3.6.1.4	veek
int we	ς -

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

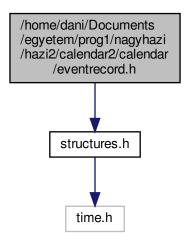
• /home/dani/Documents/egyetem/prog1/nagyhazi/hazi2/calendar2/calendar/structures.h

Chapter 4

File Documentation

4.1 /home/dani/Documents/egyetem/prog1/nagyhazi/hazi2/calendar2/calendar/eventrecord.h File Reference

#include "structures.h"
Include dependency graph for eventrecord.h:



Functions

- void printrecordmenu (Event *event, SearchConditions conditions)
- void printevent (Event *event)
- void modifyevent (int tomod, Event *event)
- void savetofile (Event *event, SearchConditions conditions)
- void deleteevent (Event *event, SearchConditions conditions)

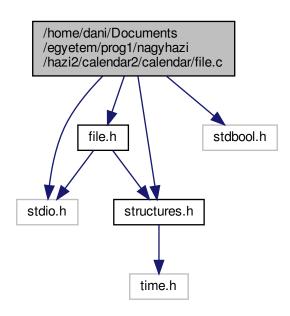
4.1.1 Function Documentation

```
4.1.1.1 deleteevent()
void deleteevent (
            Event * event,
             SearchConditions conditions )
4.1.1.2 modifyevent()
void modifyevent (
             int tomod,
             Event * event )
4.1.1.3 printevent()
void printevent (
           Event * event )
4.1.1.4 printrecordmenu()
void printrecordmenu (
             Event * event,
             SearchConditions conditions )
4.1.1.5 savetofile()
void savetofile (
             Event * event,
```

SearchConditions conditions)

4.2 /home/dani/Documents/egyetem/prog1/nagyhazi/hazi2/calendar2/calendar/file.c File Reference

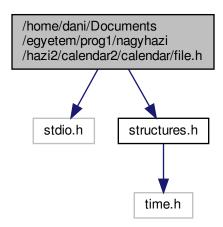
```
#include "file.h"
#include <stdio.h>
#include <stdbool.h>
#include "structures.h"
Include dependency graph for file.c:
```



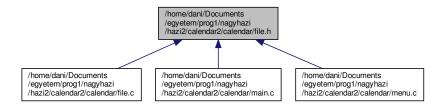
4.3 /home/dani/Documents/egyetem/prog1/nagyhazi/hazi2/calendar2/calendar/file.h File Reference

```
#include <stdio.h>
#include "structures.h"
```

Include dependency graph for file.h:



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



Functions

- void fileload ()
- void filesave (EventList *eventlist)

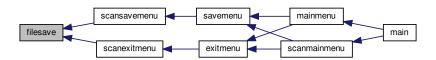
4.3.1 Function Documentation

4.3.1.1 fileload()

void fileload ()

4.3.1.2 filesave()

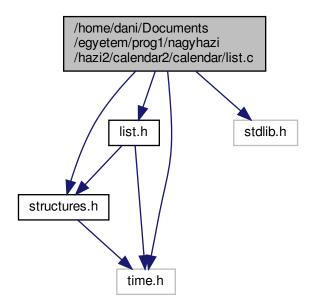
Here is the caller graph for this function:



4.4 /home/dani/Documents/egyetem/prog1/nagyhazi/hazi2/calendar2/calendar/list.c File Reference

```
#include "list.h"
#include <stdlib.h>
#include "structures.h"
#include <time.h>
```

Include dependency graph for list.c:



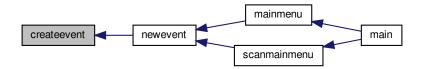
Functions

- EventList * initeventlist ()
- Event * createevent (int ev, int honap, int nap, int ora, int perc, int bora, int bperc, char *nev, char *hely, char *comment)
- void insertevent (EventList *eventlist, Event *event)
- int starttime (Event *event)
- void printevent_short (Event *event)

4.4.1 Function Documentation

4.4.1.1 createevent()

Here is the caller graph for this function:



4.4.1.2 initeventlist()

```
EventList* initeventlist ( )
```

Here is the caller graph for this function:

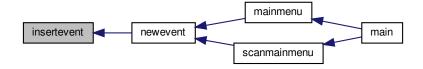


4.4.1.3 insertevent()

Here is the call graph for this function:



Here is the caller graph for this function:



4.4.1.4 printevent_short()

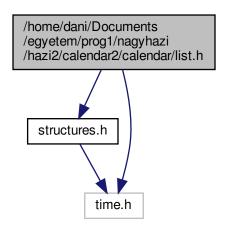
4.4.1.5 starttime()

Here is the caller graph for this function:

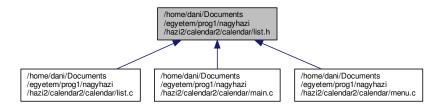


4.5 /home/dani/Documents/egyetem/prog1/nagyhazi/hazi2/calendar2/calendar/list.h File Reference

```
#include "structures.h"
#include <time.h>
Include dependency graph for list.h:
```



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



Typedefs

· typedef struct tm Tm

Functions

- EventList * initeventlist ()
- void printevent_short (Event *event)
- void insertevent (EventList *eventlist, Event *event)
- Event * createevent (int ev, int honap, int nap, int ora, int perc, int bora, int bperc, char *nev, char *hely, char *comment)

4.5.1 Typedef Documentation

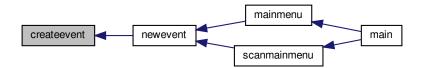
4.5.1.1 Tm

 $\verb|typedef| struct tm | Tm|$

4.5.2 Function Documentation

4.5.2.1 createevent()

Here is the caller graph for this function:



4.5.2.2 initeventlist()

```
EventList* initeventlist ( )
```

Here is the caller graph for this function:

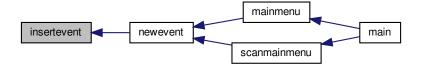


4.5.2.3 insertevent()

Here is the call graph for this function:



Here is the caller graph for this function:



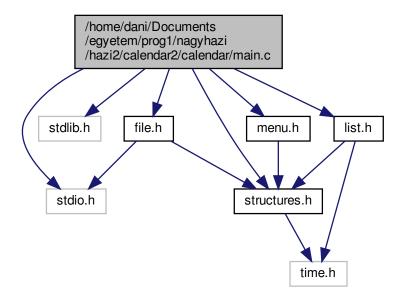
4.5.2.4 printevent_short()

4.6 /home/dani/Documents/egyetem/prog1/nagyhazi/hazi2/calendar2/calendar/main.c File Reference

```
#include <stdio.h>
#include <stdlib.h>
#include "structures.h"
#include "file.h"
#include "list.h"
```

#include "menu.h"

Include dependency graph for main.c:



Functions

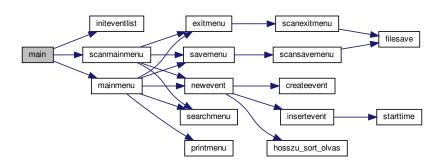
• int main ()

4.6.1 Function Documentation

4.6.1.1 main()

int main ()

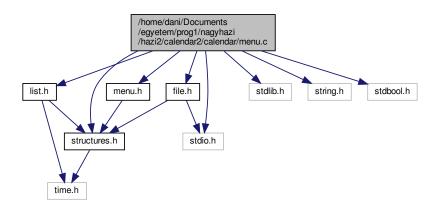
Here is the call graph for this function:



4.7 /home/dani/Documents/egyetem/prog1/nagyhazi/hazi2/calendar2/calendar/menu.c File Reference

```
#include "menu.h"
#include "structures.h"
#include <stdlib.h>
#include "file.h"
#include <stdio.h>
#include <string.h>
#include <stdbool.h>
#include "list.h"
```

Include dependency graph for menu.c:



Functions

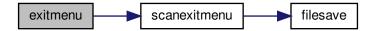
- void filesave (EventList *eventlist)
- void newevent (EventList *eventlist)
- char * hosszu_sort_olvas (int bufferhossz)
- void mainmenu ()
- void scanmainmenu (EventList *eventlist)
- void searchmenu (EventList *eventlist)
- void savemenu (EventList *eventlist)
- int scansavemenu (EventList *eventlist)
- void exitmenu (EventList *eventlist)
- int scanexitmenu (EventList *eventlist)
- int printmenu (MenuPont *menupontok)
- void callmenu (int meret, MenuPont *menupontok, EventList *eventlist)

4.7.1 Function Documentation

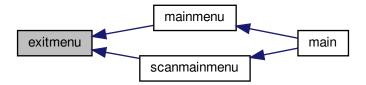
4.7.1.1 callmenu()

4.7.1.2 exitmenu()

Here is the call graph for this function:

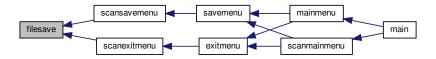


Here is the caller graph for this function:



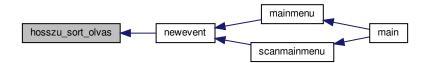
4.7.1.3 filesave()

Here is the caller graph for this function:



4.7.1.4 hosszu_sort_olvas()

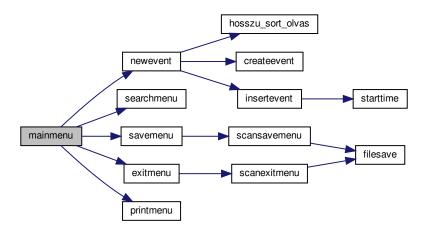
Here is the caller graph for this function:



4.7.1.5 mainmenu()

void mainmenu ()

Here is the call graph for this function:



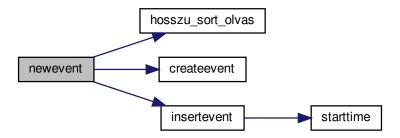
Here is the caller graph for this function:



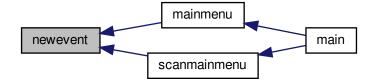
4.7.1.6 newevent()

```
void newevent ( {\tt EventList} \ * \ eventlist \ )
```

Here is the call graph for this function:

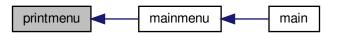


Here is the caller graph for this function:



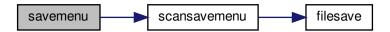
4.7.1.7 printmenu()

Here is the caller graph for this function:

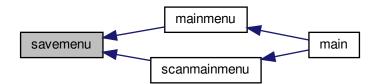


4.7.1.8 savemenu()

Here is the call graph for this function:



Here is the caller graph for this function:

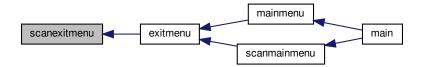


4.7.1.9 scanexitmenu()

Here is the call graph for this function:

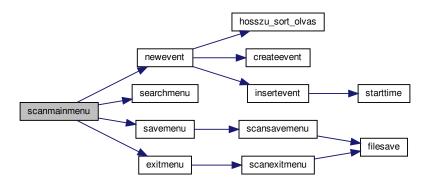


Here is the caller graph for this function:



4.7.1.10 scanmainmenu()

Here is the call graph for this function:



Here is the caller graph for this function:

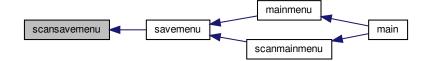


4.7.1.11 scansavemenu()

Here is the call graph for this function:

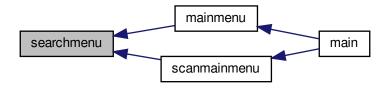


Here is the caller graph for this function:



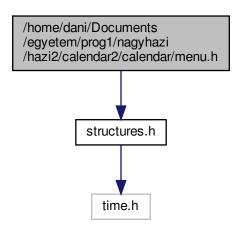
4.7.1.12 searchmenu()

Here is the caller graph for this function:

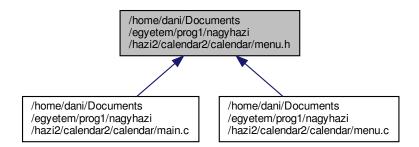


4.8 /home/dani/Documents/egyetem/prog1/nagyhazi/hazi2/calendar2/calendar/menu.h File Reference

```
#include "structures.h"
Include dependency graph for menu.h:
```



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



Functions

- void newevent ()
- · void searchmenu ()
- void savemenu ()
- void exitmenu ()
- int printmenu (MenuPont *menupontok)
- char * hosszu_sort_olvas (int bufferhossz)

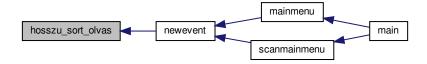
4.8.1 Function Documentation

4.8.1.1 exitmenu()

```
void exitmenu ( )
```

4.8.1.2 hosszu_sort_olvas()

Here is the caller graph for this function:

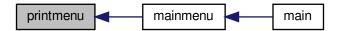


4.8.1.3 newevent()

```
void newevent ( )
```

4.8.1.4 printmenu()

Here is the caller graph for this function:



4.8.1.5 savemenu()

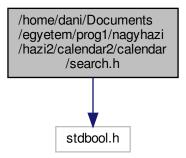
```
void savemenu ( )
```

4.8.1.6 searchmenu()

```
void searchmenu ( )
```

4.9 /home/dani/Documents/egyetem/prog1/nagyhazi/hazi2/calendar2/calendar/search.h File Reference

#include <stdbool.h>
Include dependency graph for search.h:



Typedefs

• typedef enum IterMode IterMode

Enumerations

• enum IterMode { insertion, lookup }

Functions

- SearchConditions printsearchmenu ()
- SearchConditions searchbyname ()
- SearchConditions searchbymonth ()
- SearchConditions searchbyweek ()
- SearchConditions searchbyday ()
- void scansearchmenucommand ()
- bool istrueevent (bool condition)
- void iterevents (bool backward, EventList eventlist, Itermode itermode)
- void puttofindlist (Event *event)

4.9.1 Typedef Documentation

4.9.1.1 IterMode

```
typedef enum IterMode IterMode
```

4.9.2 Enumeration Type Documentation

4.9.2.1 IterMode

```
enum IterMode
```

Enumerator

insertion	
lookup	

4.9.3 Function Documentation

4.9.3.1 istrueevent()

```
bool istrueevent (
          bool condition )
```

4.9.3.2 iterevents()

4.9.3.3 printsearchmenu()

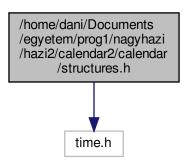
```
SearchConditions printsearchmenu ( )
```

```
4.9.3.4 puttofindlist()
void puttofindlist (
            Event * event )
4.9.3.5 scansearchmenucommand()
void scansearchmenucommand ( )
4.9.3.6 searchbyday()
SearchConditions searchbyday ( )
4.9.3.7 searchbymonth()
SearchConditions searchbymonth ( )
4.9.3.8 searchbyname()
SearchConditions searchbyname ( )
4.9.3.9 searchbyweek()
SearchConditions searchbyweek ( )
```

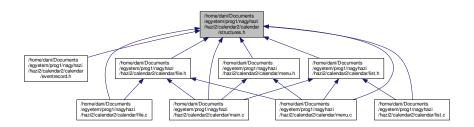
4.10 /home/dani/Documents/egyetem/prog1/nagyhazi/hazi2/calendar2/calendar/structures.h File Reference

#include <time.h>

Include dependency graph for structures.h:



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



Data Structures

- struct Event
- struct EventList
- struct FoundEvent
- struct FindList
- · struct SearchConditions
- struct MenuPont

Typedefs

- typedef struct Event Event
- typedef struct EventList EventList
- typedef struct FoundEvent FoundEvent
- · typedef struct FindList FindList
- typedef struct SearchConditions SearchConditions
- typedef void(* MenuFv) (EventList *)

4.10.1 Typedef Documentation

4.10.1.1 Event typedef struct Event Event 4.10.1.2 EventList typedef struct EventList EventList 4.10.1.3 FindList typedef struct FindList FindList 4.10.1.4 FoundEvent typedef struct FoundEvent FoundEvent 4.10.1.5 MenuFv typedef void(* MenuFv) (EventList *)

4.10.1.6 SearchConditions

 ${\tt typedef\ struct\ SearchConditions\ SearchConditions}$

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