

# Agenda Fusion Command Line Options

**Last Update: 1 March 2005 for Agenda Fusion 7.10**

## Launching Agenda Fusion to a specific View

Today View	AgendaFusion V TODAY (initialdisplaydate)
Hourly Day View	AgendaFusion V HOURLYDAY (initialdisplaydate)
Hourly Week View	AgendaFusion V HOURLYWEEK (initialdisplaydate)
Week View	AgendaFusion V WEEK (initialdisplaydate)
Agenda View	AgendaFusion V AGENDA (initialdisplaydate)
Month View	AgendaFusion V MONTH (initialdisplaydate)
Year View	AgendaFusion V YEAR (initialdisplaydate)
Tasks View	AgendaFusion V TASKS
Contacts View	AgendaFusion V CONTACTS
Alarm Notes View	AgendaFusion V NOTES

*(initialdisplaydate)* - optional

**NOTE: (initialdisplaydate) is only supported in Agenda Fusion Version 6.60 and later.**

The view parameter is the Initial Display Date of the view that is being opened. Please include the parens '(' and ')' to delimit the dates on the command line.

The (initialdisplaydate) is optional. If not included then the display defaults to include 'today' or if Agenda Fusion is running then the currently selected date for that view is displayed.

### **Launching new instance of Agenda Fusion:**

AgendaFusion V TODAY

>>Displays the Agenda Fusion Today View with "Today" displayed in the view.

AgendaFusion V TODAY (212397120)

>>Displays the Agenda Fusion Today View selecting 11/02/2004 in the display.

### **Launching an existing instance of Agenda Fusion:**

AgendaFusion V TODAY

>>Displays the selected date displayed in the Agenda Fusion Today View.

AgendaFusion V TODAY (212397120)

>>Displays the Agenda Fusion Today View selecting 11/02/2004 in the display.

See Appendix A for the format of the (initialdisplaydate) param.

Please note the time related values of the initial display date are ignored.

## Launching Agenda Fusion Editors

New Appointment Editor	AgendaFusion N_APPOINTMENT (startdatetime) (enddatetime) "cat1,cat2,..."
New Appointment Editor and exit Agenda Fusion when finished	AgendaFusion N_APPOINTMENT_EX (startdatetime) (enddatetime) "cat1,cat2,..."
New Task Editor	AgendaFusion N_TASK (startdate) (duedate) "cat1,cat2,..."
New Task Editor and exit Agenda Fusion when finished	AgendaFusion N_TASK_EX (startdate) (duedate) "cat1,cat2,..."
New Contact Editor	AgendaFusion N_CONTACT "cat1,cat2,..."
New Contact Editor and exit Agenda Fusion when finished	AgendaFusion N_CONTACT_EX "cat1,cat2,..."
New Alarm Note Editor	AgendaFusion N_NOTE
New Alarm Note Editor and exit Agenda Fusion when finished	AgendaFusion N_NOTE_EX
New Voice Note Start*	AgendaFusion N_VOICENOTE_START
New Voice Note Start* and exit Agenda Fusion when finished	AgendaFusion N_VOICENOTE_START_EX
End Voice Note Recording*	AgendaFusion N_VOICENOTE_STOP

**NOTE: (startdatetime) (enddatetime) (startdate) (duedate) are only supported in Agenda Fusion Version 6.60 and later.**

**NOTE: \*\_EX options are supported in Agenda Fusion 7.00 and later**

\*The Voice Note Editor is the Alarm Note Editor with the Voice Recording automatically started. The recording will continue until the command to stop the recording is received either via the command line or the user tapping the stop button in the voicenote recording toolbar. The AgendaFusion Utility "New Voice Note" when mapped to a button on the Pocket PC sends the start command when the button is pressed in and then sends the stop command when the user releases the button. This allows the user to record a message without having to use their stylus and is modeled after the default behavior of the Pocket PC record button.

## New Appointments:

*(startdatetime)* - optional

- If included then the initial start date and start time are set using the value specified.
- If not included then today and the start of the next hour are used.

*(enddatetime)* - optional

- If included then the initial end date and end time are set using the value specified.
- If not included and the start date/time is not included then today and one hour from the start time are used.
- If the start date/time are included and this value is not included then a duration of 60 minutes is added to the start date time value to initialize the end time value.

“cat1,cat2,...” – optional

A comma delimited list surrounded by quotes. The categories listed will be automatically assigned to the new appointment. The list of categories is limited to 1024 characters.

### Examples:

AgendaFusion N\_APPOINTMENT

AgendaFusion N\_APPOINTMENT (0) {not a valid condition but handled as above}

AgendaFusion N\_APPOINTMENT (0) (0) {not a valid condition but handled as above}

>> New appointment with an initial start/end date of the date selected in the current calendar view and a start time beginning at the top of the next hour and end time one hour from the start time for all calendar views with the exception of the Hourly Day and Hourly Week Views where the currently selected hour range would be used if valid. If the Task, Contact, or Notes views are selected then Today's date is used (with the next hour/next hour + 1 used for the times).

AgendaFusion N\_APPOINTMENT (212397600)

>> New appointment with an initial start/end date of 11/02/2004 and start time of 8a and end time of 9a

AgendaFusion N\_APPOINTMENT (212397600) (212397630)

>> New appointment with an initial start/end date of 11/02/2004 and start time of 8a and end time of 8:30a

AgendaFusion N\_APPOINTMENT (212397600) (212397630) “Personal,Shopping”

>> New appointment with an initial start/end date of 11/02/2004 and start time of 8a and end time of 8:30a with the Personal and Shopping categories automatically assigned.

## New Tasks:

*(startdate)* - optional

- If included then the initial start date is set using the value specified.
- To set the start date to None then use the value 0.
- If the value is not included then the initial value is None.

*(duedate)* - optional

- If included then the initial end date is set using the value specified.
- If not included and the start date is included then the due date is set to the same date as the start date.
- If the start date is not included then the due date is also set to an initial value of None. Note, the first date param encountered will be interpreted as the start date. So there is no condition where the start date is not included and the end date is included.
- The end date cannot be set to 'None' if the start date is not 'None'

“cat1,cat2,...” – optional

A comma delimited list surrounded by quotes. The categories listed will be automatically assigned to the new appointment. The list of categories is limited to 1024 characters.

### Examples:

AgendaFusion N\_TASK

AgendaFusion N\_TASK (0) (0)

>> A new task with an initial start date and due date that is the selected date in the current calendar view, or None if the Tasks, Contacts, or Notes views are the current view.

AgendaFusion N\_TASK (212397120)

>> New task with an initial start date of 11/02/2004 and due date of 11/02/2004

AgendaFusion N\_TASK (212397120) (212407200)

>> New task with an initial start date of 11/02/2004 and due date of 11/09/2004

AgendaFusion N\_TASK (0) (212397120)

>> New task with an initial start date of 'None' and a due date of 11/02/2004  
See Appendix A for the format of the (*startenddatetime/startenddate*) params

AgendaFusion N\_TASK (212397120) “Home,Upkeep & Maint.”

>> New task with an initial start date of 11/02/2004 and due date of 11/02/2004  
automatically created in the Home and 'Upkeep & Maint.' categories.

## **Launching an Agenda Fusion Editor with a specific item**

**NOTE: nopreview is only supported in Agenda Fusion Version 6.81 and later.**

**NOTE: go\* flags are supported in Agenda Fusion Version 7.00 and later.**

**NOTE: noexit flag is supported in Agenda Fusion Version 7.10 and later.**

### **Opening a task or contact item:**

AgendaFusion [itemoid] {**gomain** | gorecurring | gonotes | gocategories | golinks} {*nopreview* | *dopreview*} {noexit}

*[itemoid]*

The first parameter is the CEOID of the task or contact item you wish to open. Please include the brackets '[' and ']' to delimit the OID on the command line.

***gomain*** | *gorecurring* | *gonotes* | *gocategories* | *golinks*

The optional editor initial display flags can be provided to start the editor in a specific page of the editor. These flags are mutually exclusive. If a specific page other than the main page is specified the preview is automatically skipped in all circumstances.

*gomain* – this is the first page of the editor and is the default value if no flags are included

*gorecurring* – start the editor in the recurring properties dialog (not valid for contacts)

*gonotes* – start the editor in the notes property dialog

*gocategories* – start the editor in the category properties dialog

*golinks* – start the editor in the link properties dialog.

*nopreview* | *dopreview*

The optional *nopreview* | *dopreview* flag on the commandline can be provided to override the preview setting in Agenda Fusion.

*nopreview* – override the user's setting and launch the item in the editor directly

*dopreview* – override the user's setting and launch the item in the preview before editing.

These flags are mutually exclusive and cannot exist on the same commandline. If neither flag is present then the user's setting for the display of preview dialogs in Agenda Fusion will be used (this is legacy functionality).

*noexit* – the default action for launching Agenda Fusion to edit an item will be for Agenda Fusion to exit after the user closes the editor. To keep Agenda Fusion displayed after the edit session add this flag to the commandline.

## Opening an appointment item:

AgendaFusion [itemoid] (referencedatetime) {*nopreview* | *dopreview*} {**gomain** | *gorecurring* | *gonotes* | *gocategories* | *golinks* | *goattendeas*} {noexit}

[*itemoid*]

The first parameter is the CEOID of the appointment you wish to open. Please include the brackets '[' and ']' to delimit the OID on the command line.

(*referencedatetime*)

The second parameter is the Reference Date/Time of the appointment you are opening. Please include the parens '(' and ') to delimit the Reference Date/Time on the command line. Note that the Reference Date/Time includes the Date and Time (to the minute, no seconds or milliseconds) of the item.

The (*referencedatetime*) can be optional if the appointment you are opening is a single occurrence. The (*referencedatetime*) is required if you wish to open a specific occurrence of a recurring series. To simplify your code it is best to just include the appointment's start date and time for any appointment you wish to open in Agenda Fusion. **Note:** if the appointment is a recurring item and no (*referencedatetime*) is provided the user will be prompted if they want to open the series or an individual item (first item in the series).

**gomain** | *gorecurring* | *gonotes* | *gocategories* | *golinks*

The optional editor initial display flags can be provided to start the editor in a specific page of the editor. These flags are mutually exclusive. If a specific page other than the main page is specified the preview is automatically skipped in all circumstances.

*gomain* – this is the first page of the editor and is the default value if no flags are included

*gorecurring* – start the editor in the recurring properties dialog (not valid for contacts)

*gonotes* – start the editor in the notes property dialog

*gocategories* – start the editor in the category properties dialog

*golinks* – start the editor in the link properties dialog.

*nopreview* | *dopreview*

The optional *nopreview* | *dopreview* flag on the commandline can be provided to override the preview setting in Agenda Fusion.

These flags are mutually exclusive and cannot exist on the same commandline. If neither flag is present then the user's setting for the display of preview dialogs in Agenda Fusion will be used (this is legacy functionality).

*noexit* - keep Agenda Fusion displayed after the edit.

## **Appendix A**

The date/time parameters are specified using a special date format (DWORD) used in the POOM CE Databases – most notably for the dates of recurring items. It is the number of minutes since Jan 1<sup>st</sup> 1601 but the valid range for POOM is Jan 1<sup>st</sup> 1900 to Dec 31<sup>st</sup> 2999. In the appendix we have included utility functions to convert from FILETIME, DATE, or SYSTEMTIME to RECURRENCETIME (our term). This format was chosen just for its simplicity for including on the command line.

```
#define RECURRENCETIME DWORD
#define LPRECURRENCETIME LPDWORD

//(600,000,000) 60 seconds in a minute * 10,000,000 100 nano-second intervals
#define CONVERSION_FACTOR 600000000L

inline void RecurrenceTimeToFileTime( RECURRENCETIME rtDate, FILETIME* pft )
{
    ULARGE_INTEGER uHuge = {0};
    uHuge.QuadPart = UInt32x32To64( rtDate, CONVERSION_FACTOR );
    pft->dwLowDateTime = uHuge.LowPart;
    pft->dwHighDateTime = uHuge.HighPart;
}

inline void FileTimeToRecurrenceTime( const FILETIME* pft, LPRECURRENCETIME prtDate )
{
    ULARGE_INTEGER uHuge = {0};
    ULARGE_INTEGER uResult = {0};

    uHuge.LowPart = pft->dwLowDateTime;
    uHuge.HighPart = pft->dwHighDateTime;

    uResult.QuadPart = uHuge.QuadPart / CONVERSION_FACTOR;
    *prtDate = uResult.LowPart;
}

inline void RecurrenceTimeToSystemTime( RECURRENCETIME rtDate, LPSYSTEMTIME pst )
{
    FILETIME ft = {0};
    RecurrenceTimeToFileTime( rtDate, &ft );
    FileTimeToSystemTime( &ft, pst );
}

inline void SystemTimeToRecurrenceTime( const SYSTEMTIME* pst, LPRECURRENCETIME prtDate )
{
    FILETIME ft = {0};
    SystemTimeToFileTime( pst, &ft );
    FileTimeToRecurrenceTime( &ft, prtDate );
}

inline void RecurrenceTimeToDATE( RECURRENCETIME rtDate, DATE* pvDate )
{
    SYSTEMTIME st = {0};
    RecurrenceTimeToSystemTime( rtDate, &st );
    SystemTimeToVariantTime( &st, pvDate );
}

/*
 * If you need to convert a DATE to a RECURRENCETIME, then first convert the DATE to a
 * SYSTEMTIME using VariantTimeToSystemTime().
 *
 */
```