```
CalendarViewTypeWeekView = 'E5we' /* The iCal week view */,
    CalendarViewTypeDayView = 'E5da' /* The iCal day view */,
enum CalendarViewType {
typedef enum CalendarCalendarPriority CalendarCalendarPriority;
};
    CalendarCalendarPriorityHighPriority = 'tdp1' /* High priority */
    CalendarCalendarPriorityMediumPriority = 'tdp5' /* Medium priority */,
    CalendarCalendarPriorityLowPriority = 'tdp9' /* Low priority */,
    CalendarCalendarPriorityNoPriority = 'tdp0' /* No priority */,
enum CalendarCalendarPriority {
typedef enum CalendarEventStatus CalendarEventStatus;
};
    CalendarEventStatusTentative = 'E4te' /* A tentative event */
    CalendarEventStatusNone = 'E4no' /* An event without status */,
    CalendarEventStatusConfirmed = 'E4cn' /* A confirmed event */,
    CalendarEventStatusCancelled = 'E4ca' /* A cancelled event */,
enum CalendarEventStatus {
typedef enum CalendarParticipationStatus CalendarParticipationStatus;
}:
accepted */
    CalendarParticipationStatusTentative = 'E6tp' /* Invitation has been tentatively
    CalendarParticipationStatusDeclined = 'E6dp' /* Invitation has been declined */,
    CalendarParticipationStatusAccepted = 'E6ap' /* Invitation has been accepted */,
    CalendarParticipationStatusUnknown = 'E6na' /* No anwser yet */,
enum CalendarParticipationStatus {
typedef enum CalendarPrintingErrorHandling CalendarPrintingErrorHandling;
};
PostScript errors */
    CalendarPrintingErrorHandlingDetailed = 'lwdt' /* print a detailed report of
*/,
    CalendarPrintingErrorHandlingStandard = 'lwst' /* Standard PostScript error handling
enum CalendarPrintingErrorHandling {
typedef enum CalendarSaveOptions CalendarSaveOptions;
};
    CalendarSaveOptionsAsk = 'ask ' /* Ask the user whether or not to save the file. */
    CalendarSaveOptionsNo = 'no ' /* Do not save the file. */,
    CalendarSaveOptionsYes = 'yes ' /* Save the file. */,
enum CalendarSaveOptions {
CalendarAttendee, CalendarEvent;
CalendarDisplayAlarm, CalendarMailAlarm, CalendarSoundAlarm, CalendarOpenFileAlarm,
@class CalendarApplication, CalendarDocument, CalendarWindow, CalendarCalendar,
#import <ScriptingBridge/ScriptingBridge.h>
#import <AppKit/AppKit.h>
*\
 * Calendar.h
```

*

```
@property (copy, readonly) NSURL *file; // Its location on disk, if it has one.
@property (readonly) BOOL modified; // Has it been modified since the last save?
@property (copy, readonly) NSString *name; // Its name.
@interface CalendarDocument : SBObject <CalendarGenericMethods>
// A document.
@end
http URL
- (void) GetURL:(NSString *)x; // Subscribe to a remote calendar through a webcal or
- (void) viewCalendarAt:(NSDate *)at; // Show calendar on the given date
- (void) switchViewTo:(CalendarViewType)to; // Show calendar on the given view
- (void) reloadCalendars; // Tell the application to reload all calendar files contents
- (B00L) exists:(id)x; // Verify that an object exists.
- (void) quitSaving:(CalendarSaveOptions)saving; // Quit the application.
(BOOL)printDialog; // Print a document.
- (void) print:(id)x withProperties:(NSDictionary *)withProperties printDialog:
- (id) open:(id)x; // Open a document.
@property (copy, readonly) NSString *version; // The version number of the application.
@property (readonly) BOOL frontmost; // Is this the active application?
@property (copy, readonly) NSString *name; // The name of the application.
- (SBElementArray<CalendarWindow *> *) windows;
- (SBElementArray<CalendarDocument *> *) documents;
@interface CalendarApplication : SBApplication
// The application's top-level scripting object.
* Standard Suite
\*
@end
- (void) show; // Show the event or to-do in the calendar window
- (void) moveTo:(SBObject *)to; // Move an object to a new location.
Copy an object.
- (void) duplicateTo:(SBObject *)to withProperties:(NSDictionary *)withProperties; //
- (void) delete; // Delete an object.
(BOOL)printDialog; // Print a document.
- (void) printWithProperties:(NSDictionary *)withProperties printDialog:
document.
- (void) closeSaving:(CalendarSaveOptions)saving savingIn:(NSURL *)savingIn; // Close a
@protocol CalendarGenericMethods
typedef enum CalendarViewType CalendarViewType;
}:
    CalendarViewTypeMonthView = 'E5mo' /* The iCal month view */
```

// A window.

```
that trigger before).
the alarm: (positive for alarm that trigger after the event date or negative for alarms
@property NSInteger triggerInterval; // The interval in minutes between the event and
@interface CalendarDisplayAlarm : SBObject <CalendarGenericMethods>
// This class represents a message alarm.
@end
@property (copy) NSString *objectDescription; // This is the calendar description.
@property (readonly) BOOL writable; // This is the calendar title.
@property (copy, readonly) NSString *calendarIdentifier; // An unique calendar key
@property (copy) NSColor *color; // The calendar color.
@property (copy) NSString *name; // This is the calendar title.
- (SBElementArray<CalendarEvent *> *) events;
@interface CalendarCalendar : SBObject <CalendarGenericMethods>
// This class represents a calendar.
@end
- (SBElementArray<CalendarCalendar *> *) calendars;
@interface CalendarApplication (ICal)
// This class represents iCal.
 *\
 * iCal
\*
@end
are displayed in the window.
@property (copy, readonly) CalendarDocument *document; // The document whose contents
@property BOOL zoomed; // Is the window zoomed right now?
```

@property (readonly) BOOL zoomable; // Does the window have a zoom button?

@property (readonly) BOOL closeable; // Does the window have a close button?

@property NSInteger index; // The index of the window, ordered front to back.

@property (readonly) BOOL miniaturizable; // Does the window have a minimize button?

@property BOOL visible; // Is the window visible right now?

- (NSInteger) id; // The unique identifier of the window.

@interface CalendarWindow : SBObject <CalendarGenericMethods>

@property B00L miniaturized; // Is the window minimized right now?
@property (readonly) B00L resizable; // Can the window be resized?

@property NSRect bounds; // The bounding rectangle of the window.

@property (copy, readonly) NSString *name; // The title of the window.

@property (copy) NSDate *triggerDate; // An absolute alarm date.

@end

```
// This class represents a mail alarm.
@interface CalendarMailAlarm : SBObject <CalendarGenericMethods>
```

@property NSInteger triggerInterval; $\//$ The interval in minutes between the event and the alarm: (positive for alarm that trigger after the event date or negative for alarms that trigger before).

@property (copy) NSDate *triggerDate; // An absolute alarm date.

@end

```
// This class represents a sound alarm.
@interface CalendarSoundAlarm : SBObject <CalendarGenericMethods>
```

@property NSInteger triggerInterval; // The interval in minutes between the event and
the alarm: (positive for alarm that trigger after the event date or negative for alarms
that trigger before).
@property (copy) NSDate *triggerDate; // An absolute alarm date.
@property (copy) NSString *soundName: // The system sound name to be used for the alarm

@property (copy) NSString *soundName; // The system sound name to be used for the alarm @property (copy) NSString *soundFile; // The (POSIX) path to the sound file to be used for the alarm

@end

// This class represents an 'open file' alarm. Starting with OS X 10.14, it is not possible to create new open file alarms or view URLs for existing open file alarms. Trying to save or modify an open file alarm will result in a save error. Editing other aspects of events or reminders that have existing open file alarms is allowed as long as the alarm isn't modified.

@interface CalendarOpenFileAlarm : SBObject <CalendarGenericMethods>

@property NSInteger triggerInterval; // The interval in minutes between the event and the alarm: (positive for alarm that trigger after the event date or negative for alarms that trigger before).

@property (copy) NSDate *triggerDate; // An absolute alarm date.
@property (copy) NSString *filepath; // The (POSIX) path to be opened by the alarm

@end

```
// This class represents a attendee.
@interface CalendarAttendee : SBObject <CalendarGenericMethods>
```

```
@property (copy, readonly) NSString *displayName; // The first and last name of the
attendee.
@property (copy, readonly) NSString *email; // e-mail of the attendee.
```

@property (readonly) CalendarParticipationStatus participationStatus; $\//$ The invitation status for the attendee.

// This class represents an event.

```
@property CalendarEventStatus status; // The event status.
@property (copy) NSArray<NSDate *> *excludedDates; // The exception dates.
@property (copy) NSDate *stampDate; // The event modification date.
@property (readonly) NSInteger sequence; // The event version.
event recurrence, if defined
@property (copy) NSString *recurrence; // The iCalendar (RFC 2445) string describing the
@property BOOL alldayEvent; // True if the event is an all-day event
@property (copy) NSDate *endDate; // The event end date.
@property (copy) NSDate *startDate; // The event start date.
@property (copy) NSString *objectDescription; // The events notes.
- (SBElementArray<CalendarSoundAlarm *> *) soundAlarms;
- (SBElementArray<CalendarOpenFileAlarm *> *) openFileAlarms;
- (SBElementArray<CalendarMailAlarm *> *) mailAlarms;
- (SBElementArray<CalendarDisplayAlarm *> *) displayAlarms;
- (SBElementArray<CalendarAttendee *> *) attendees;
@interface CalendarEvent : SBObject <CalendarGenericMethods>
```

@property (copy) NSString *summary; // This is the event summary. @property (copy) NSString *location; // This is the event location. @property (copy, readonly) NSString *uid; // An unique event key. @property (copy) NSString *url; // The URL associated to the event.

@end