Event scheduler

The purpose of event scheduler utility is to give a user simple GUI for managing his business, personal events. It must be running in a tray as Windows starts. When a scheduled event is due, notification should appear to remind user about upcoming event.



Figure .Main use cases

# Functional requirements

* Use should be able to add event information: title, description, due date and time, method of notification (popup window, sound)
* View and modify any existing event
* Delete event
* Event can be configured as autocompleted which means it is deleted after user has acknowledged notification

# Design

The ERD in figure 1 shows data classes to contain information about events, event notification information. IEventNotifier interface represents method of notification. EventNotification class holds reference to EventData, starting date/time when first notification should take place, number of repeats, frequency between repetitions and at least 1 handler for notification method (popup window, sound).



Figure .ERD of data classes