WebScheduler.NET[™] White Paper

This white paper discusses the new innovation, technology, as well as features and concepts of WebScheduler.NET[™]

Overview

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Intersoft WebScheduler.NET[™] is designed for *ease-of-use* and *out-of-the-box* Scheduling experience, yet providing advanced level of customization and innovative features. WebScheduler.NET[™] allows you to build professional calendaring and scheduling application with very minimal efforts and time.

You can create a fully functional Scheduling application that similar to Microsoft Outlook 2007[®] with simple drag-drop and several properties set. The calendar and scheduler view is naturally integrated and automatically synchronized as you navigate on. The result is obvious – hassles free Scheduling development, significantly reduced complexity with out-of-the-box integration and advanced feature-sets.

WebScheduler.NET[™] combines the best of industry's Scheduling features and Intersoft's own unique features such as SplitView mode and AgendaView mode. One of the key features of Intersoft's WebScheduler is its built-in six Scheduler Views – from Day, Week to Year – while other similar components commonly provide only four views.

WebScheduler.NET[™] extensively takes advantage of FlyPostBack[™] (the Intersoft's proprietary AJAX technology) to deliver high performance and responsive user experience. The TripleLoad[™] feature – a unique load-on-demand mechanism invented for WebScheduler – enables end users to switch between several views instantly. The overall experience while navigating different date or month is almost seamless – as raw data is retrieved asynchronously and perform smart data fetching for nearest view.

Several key features and unique innovations of WebScheduler:

- Hassles free development with built-in calendar and integrated scheduler views.
- Supports 6 Scheduler Views as well as defining your own Custom View.
- Out-of-the-box data editing and manipulation with Google-style Callout form.
- Advanced two-ways data binding with flexible database structure support.
- All textual elements related to Calendar are fully localizable to any cultures supported by .NET.
- Innovative AgendaView[™].
- Over dozens of customizable styles and hundreds of customizable behaviors.

Features Highlight

WebScheduler.NET[™] is Intersoft's flagship product in Calendaring, Scheduling and Planning functionality, offering over hundreds of advanced features and numerous unique innovations designated for enterprise-grade Scheduling application.

State-of-the-Art Rendering and Appealing User Interface

WebScheduler.NET is the world's first Calendaring and Scheduling component for ASP.NET that provide the deepest details of visual interface which processed with high performance, state-of-the-art rendering architecture.

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As illustrated in the above screenshot, WebScheduler provides you with elegant and minimalist styles to enhance user experience while working with the Scheduling application.

WebScheduler comes with detailed visual elements to bring you the most sophisticated Scheduling functions, such as:

- Calendar with built-in Expandable/Collapsible function. The Calendar provides comprehensive visual details, such as Orange colored highlight to indicate the current active Scheduler view and bold effect to indicate days which have more than one event. The Calendar also gives you visual hint for holidays and inactive days.
- Scheduler with built-in Back and Forward (navigation) function. The Scheduler includes every visual detail with such sophisticated styling to deliver visually appealing Scheduling functionality. Notice that every cell is accurately separated with proper border lines and color. The Scheduler contains All Day Event zone, Hour zone, Day zone, Header zone and Event zone.

- The Resources list allows you to conveniently show or hide a set of events that belong to that • resource with a simple click. The resources will be refreshed in real-time fraction, without any callback operation.
- The built-in Callout facilitates the user interface to show more details and information about an • event. With the Callout visual interface, user can conveniently discover the event's information in smooth and rich look and feel. The Callout interface is also extensively used in many other scenarios such as in New Event action.
- The View Navigator enables you to switch between views simply with a mouse click. More • actions related to the Scheduler functionality are also available by clicking on the down arrow in the View Navigator.

Natural Calendaring and Scheduling Integration

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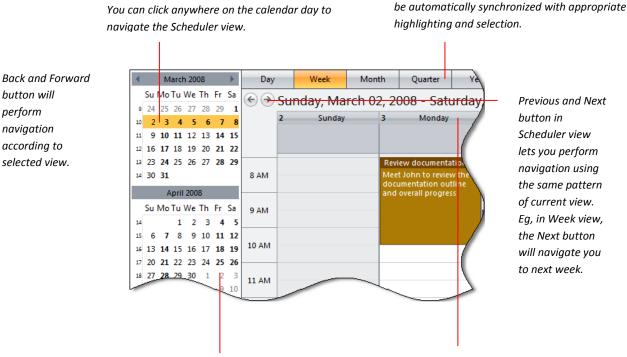
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Unlike many other similar components, WebScheduler doesn't require you to write any single line of codes to perform synchronization between the Calendar and the Scheduler, and therefore significantly increases developer's productivity.



You can click anywhere on the calendar day to

When you click outbound days, the Calendar will automatically activate the appropriate month view. Click on day header to automatically navigate to that day in Day View mode.

When you change View mode, the Calendar will

Includes 6 Built-in Scheduler View

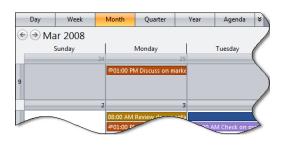
Intersoft's WebScheduler.NET[™] is the industry's first Scheduling component providing six built-in view modes. In addition to the standard "Day, Week and Month" views, WebScheduler provides three additional innovative views.

Day View



The Day view lists your "All Day", Recurring and Standard Events based on the Start Hour and Duration.

Month View



The Month view lists your events in a month range. Similar to Day and Week view, you can perform editing, move the event around and create new event directly from the interface.

Year View



The Year view is designed to give you an instant overview of your events in a year. It displays the number of events inside the day cell and colored according to the resource color. You can hover to the event to see the event's description.

Week View



The Week view displays all the week days in the selected date range. You can choose to show between full week or work week in the Scheduler's interface.

Quarter View



The Quarter view is similar to the Year view, except it only displays 3 months in the row. It is designed to give you a quick look on your events in quarterly range.

Agenda View



The Agenda view is a unique and innovative mode that allows you to view your events in personalized agenda listing. Your events will be automatically sorted and displayed starting from the Selected Date.

You can also customize which views that you would like to enable in WebScheduler. For instance, you may want to restrict WebScheduler to display only Day and Week view. The View settings are available in ViewSettings object, and each View has its own object such as QuarterViewSettings, YearViewSettings and so on.

Elegant Databinding Architecture

Intersoft's WebScheduler.NET is designed to use multiple-table databinding architecture to deliver a more robust and elegant database design. The databinding architecture in WebScheduler is one of the most important aspects in addition to user experience and functions, which allows you to have greater flexibility and extensibility in your database structure.



As shown in the above illustration, WebScheduler integrates natively into ISDataSource control (Intersoft's flagship datasource control) to provide you with multiple tables binding capability.

With ISDataSource, the WebScheduler databinding experience is almost seamless and codeless. You simply need to connect the **WebScheduler** to an instance of **ISDataSource** through its *DataSourceID* control. Once connected, the data members will automatically be available in the dropdown selection, enabling you to bind the data member quickly with simply a mouse click.

The databinding in WebScheduler consisted of 5 fundamental tables. All these tables are required to be bound in order to take advantage of all WebScheduler functionality.

- **Categories**. This datamember includes binding to Categories-specific fields, such as the CategoryName, CategoryColor, etc which is linked to **Events** table.
- **Events**. This datamember is the core member which includes binding to Events fields, such as the event's Subject, Description, Location, StartTime, EndTime and so on.
- **Recurring Events**. This datamember is required if you would like to take advantage of recurring events functionality in WebScheduler. This datamember includes binding to core recurring events fields.
- **Recurrence Info**. Similar to Recurring Events, this datamember is required to enable recurring events functionality in WebScheduler.
- **Resources**. This datamember is required if you would like to take advantage of multiple resources feature of WebScheduler. A resource contains a collection of events, which determine the main color of the events.

Despite the advanced databinding architecture as described above, WebScheduler can also be used for simpler scenario. In the most basic Scheduling functionality, you will need to bind only the **Events** table.

When the other tables are not bound, the related features will be gracefully degraded. For instance, if Categories datamember is not bound, you will not be able to specify Category in the Editing form. If Recurring Events datamember is not bound, then you will not be able to display or create a new recurring event, and so on.

For more details about WebScheduler's databinding concept, please read **Databinding Concepts** topic.

Superior User Experience

WebScheduler.NET[™] includes only the best and the most appealing design for user interface and user experience. Take a look at the following image for more details.

In addition to the normal event, you can also perform single click or right click on All Day event, Switch Day event, and other type of events in this area.

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Out-of-the-box Editing Experience

Intersoft WebScheduler.NET[™] does not come only with beautiful user interface and elegant databinding architecture; it also comes with built-in Editing Webform which takes advantage of all WebScheduler functionality such as Resource selection, multiple Categories, as well as Recurrence editing.

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WebScheduler's Editing Form is entirely powered by the company's flagship WebUI Studio.NET components to deliver the most sophisticated user interface for editing experience. From the design, look and feel perspective, WebScheduler's Editing Form sports a very unique and innovative neutral theme which dramatically enhances user experience. By default, it casted deep alpha blended drop-shadow to strengthen the focus of the editing dialog box and its features.

WebScheduler's Editing Form adopts "open architecture" model, which means you can edit the Form and customize it according to your needs.

The key objectives of the "open architecture" Editing Form is:

- Enable you to conveniently customize the styles, appearance, and layout of the Editing Form to suit your needs, as long as the controls and ID are not modified.
- Enable you to easily localize the textual elements used in the Form.
- Enable you to add more fields and custom validations according to your business scenario.
- Enable you to add more controls and possibility to use other third party controls in the Form.
- Enable you to control and customize the behaviors of existing controls, for example, disable an input field.

Advanced Calendaring Function

WebScheduler.NET[™] won't be a breakthrough Scheduling component without an advanced Calendaring functionality. The Calendar is one of the fundamental subcomponent of WebScheduler which play important roles in the overall features such as navigation, view highlighting and selection.

The Calendar is adopting Vista style behavior for view range selection. You can click on the calendar's header to change the view to Month selection, and click one more time to change the view to Year selection.

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The Calendar also intelligently renders and behaves differently according to the active View mode of the WebScheduler in order to makes more sense for the overall viewing experience.

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Starting from the top left to bottom right is the calendar highlight mode in Day, Week, Month, Quarter and Year view respectively. In addition to the above behaviors, the Calendar also includes several enterprise-grade features such as:

- Customizable **FirstDayOfWeek**. By default, FirstDayOfWeek is *Sunday*. However, the value might be different in some countries. The Calendar supports any day to be used as FirstDayOfWeek.
- Customizable **FirstWeekOfYear**. The default value is following US Standard, which is *First4DayWeek*. However, in British and some other countries, the standard is different. The Calendar supports 3 options to cover this requirement. The options are *First4DayWeek*, *FirstFullWeek* and *StartsOnJanuary1*.
- Customizable **Culture**. The default value is US English Culture. With this setting, you can use any of the .NET supported culture for the Calendar's culture. The following screenshot demonstrates the WebScheduler which *Culture* is set to *Chinese*.

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Three of the above advanced features control the core rendering behaviors of the Calendar, such as the week number calculation, day sequence, full week and work week view, and many other features.

Multiple Resources

Intersoft's WebScheduler.NET[™] is the one of its kind that comes with built-in multiple resources support, as well as complete *Resources Management* in the Editing Form.

Each resource is identified with unique color, which is completely

customizable by end user. For The available resources are listed instance, the events with sky blue below the calendar. You can easily color belong to the Developer check or uncheck a resource to show resource. or hide the events that belong to it. The Softy<mark>v</mark>are Company, Inc. - Team Calendar. March 2008 Day Week Month Quarter Year Agenda 🛠 🔉 Show work week 🔍 Show full week Su Mo Tu We Th Fr Sa 🔄 🔿 Sunday, March 02, 2008 - Saturday, March 08, 2008
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The resources can be seen as groups that divide a set of events. The data is not restricted by WebScheduler and can contain anything that suitable to your needs and application scenarios.

For more information about resources, please read **<u>Resources Concept</u>** topic.

Comprehensive Recurrence Support

Intersoft's WebScheduler.NET[™] is a breakthrough Scheduling component providing advanced functionality beyond normal Event. WebScheduler lets you create a Standard Event, All Day Event and Switch Day Event.

In addition to the above types, WebScheduler also supports a wide range of Recurrence Event functionality, such as ability to create new Recurring Event with various recurrence patterns. WebScheduler is also capable to convert a Standard Event into Recurring Event, and vice versa.

Several key designs and concepts of Recurrence Support in WebScheduler are:

• Recurrence Pattern.

The patterns supported in WebScheduler are:

- Daily. The options are every [x] days, or every week days.
- Weekly. The event will recur on every [x] weeks on any specified days.
- Monthly. The event will recur on day [n] of every [x] months.
- Yearly. The event will recur on every [month] of day [n].

Recurrence Range.

The recurrence range specifies when and how long a recurring event should last. WebScheduler provides you with Start date, and several End date options such as:

- No end date. The event will recur indefinitely.
- End after [n] occurrences. The event will stop recurring after it has recurred for certain specified number.
- End by [date]. The event will stop recurring when it reaches the specified date.

Recurrence Editing.

WebScheduler's sophisticated <u>Editing Form</u> fully supports all Recurrence features that provided by WebScheduler, such as the *Recurrence Pattern* and the *Recurrence Range*.

ſ	1	Edit Event - Outbound end of week meeting	
	 General Recurrence Recurrence pattern 		7
Re eet ocu nd	 No recurrence Daily Weekly Monthly 	tecur every 1 week(s) on: ■ Sunday ♥ Monday ■ Tuesday ■ Wednesday ■ Thursday ■ Friday ♥ Saturday	ei ng sto supr
	Range of recurrence Start: Sat 03/01/20	 No end date ○ End after: occurences 	

• Recurrence Exception.

By default, Recurrence event is an event that recurring consistently from the specified Start Date by using the configured *Recurrence Pattern* within *Recurrence Range*. WebScheduler supports an advanced Recurrence concept called *Recurrence Exception*. Recurrence Exception occurred when an instance of the recurring event is broken from the original recurring series.

For a simple illustration, let's say a recurring event is configured to run on weekly basis every Friday starting from February 29th, 2008 until April 4th, 2008. In the WebScheduler, this recurring event will be displayed on 02/29/2008, 03/07/2008, 03/14/2008, 03/21/2008, 03/28/2008, and 04/04/2008. When you would like to change an instance of the running recurring event, for instance, on 03/28/2008, then that recurring event will become exception.

When a recurring event is broken from its original series, it is called *Recurrence Exception*.

WebScheduler provides intelligent callback to respond the user interaction when a recurring event is going to be modified, such as explained in the following:

• When a recurring event is resized by using drag and drop, or when it is about to be edited (from either context menu or Callout interface), a prompt dialog box such as shown in the following will appear to ask the feedback from user.

Edit Recurring Event	O f re
I like to change only this event or all events in the s	eries?
Only this instance	- 1
All events in the series	are
Cancel	are all co
	u like to change only this event or all events in the s

- When a recurring event is moved by using drag and drop, it will be automatically become an exception.
- When a recurring event is about to be deleted (from either context menu or Callout interface), a prompt dialog box such as shown in the following will appear to ask the feedback from user.

umv o t	Delete Recurring Event	Orea
io ori	Would you like to change only this event or all events in the series?	o p : do
	Only this instance	
h	All events in the series	- 8
	Cancel	e R all
H		•••

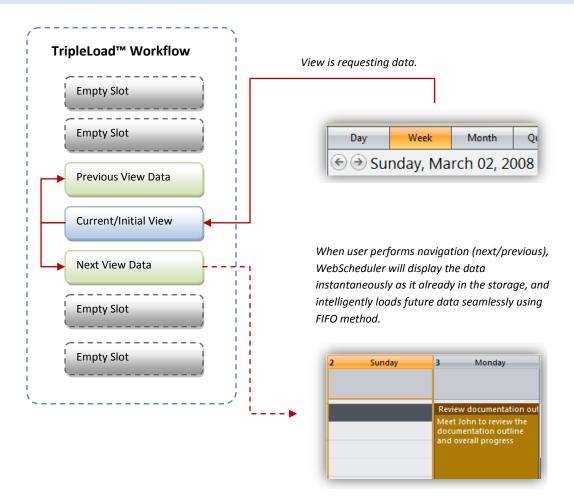
Super-fast View Switching and Navigation with TripleLoad™

Thanks to the <u>state-of-the-art rendering</u> architecture, it enables WebScheduler to load and switch to different view instantly. This is made possible because WebScheduler does not need to perform AJAX operation to perform server-side rendering. Instead, it fetches the aggregated data from database directly which is 70 percent smaller than the usual server-side rendering.

WebScheduler is designed with high performance as one of its key objectives. It invented a new data retrieval mechanism – called TripleLoad[™] technology – as its core data management solution.

Combining the high-performance TripleLoad[™] technology along with the sophisticated rendering architecture, WebScheduler delivers smooth and confident user experience as it enables user to works and interacts seamlessly with the WebScheduler interface.

The TripleLoad[™] technology itself is taking advantage of *delta-based* caching in order to determine the validity of the loaded data. See the following illustration for better understanding on the TripleLoad[™] concept.



TripleLoad[™] is a patent-pending technology by Intersoft Solutions and filed in US and International.

Rich Design-time rendering and deep integration with Visual Studio

WebScheduler supports both Visual Studio[®] 2005 and Visual Studio[®] 2008 design time environment. You can conveniently customize and control the WebScheduler's behaviors, styles, and appearance through Intersoft's Component Editor 2.0 – which is part of the WebUI.NET Framework[™], the foundation of Intersoft WebUI components.

Component Type:		signer 2.0	Intersoft Solution A better web experience
Properties	•		
General Settings General Settings GalendarSettin GalendarSettin GalendarSettin GalendarSettin GalendarSettin GalendarSetting GalendarS	ti s = p:	AgendaView Custom/Vews Daty/iew DateformatString Enabled EnableSpittView ShowAliDayDent MonthView DateformatString EnableSpittView Quarter/Vew Quarter/Vew DateformatString Enabled SelectedDate SelectedViewMode	ISNet.WebULWebScheduler.WebSchedulerCusto D True False True True MMM yyyy True MiMM yyyy True False [quarter] [year] True 3/2/2008 8:00 AM Week

Time-saving Component Editor significantly increases developer's productivity with quick access and logically categorized settings.

In conjunction with <u>Open Architecture Editing Form</u>, WebScheduler provides a time-saving designer feature to help you easily integrate the WebForm into your existing Web project. This designer feature seamlessly copies the Editing Form source and adds it to your Web project, as well as configuring WebScheduler to use the newly added Editing Form as the source.

📝 🛛 This wizard wi	VebScheduler Editing Wizard Intersoft Solution guide you to integrate WebScheduler Editing experience into cation seamlessly.
5	Tuesday 6 Wednesday
	Edit Event - Event (13.00 - 14.30) Please specify the folder name where you would like the Editing Form to be
) General	added. The folder will be added unde
Resource:	Developer Division
	WebScheduler
Subject:	Meet Intersoft Team
Location:	Orlando, Florida
Start time:	Fri 02/22/2008 Tis:00 Fri 02/22/2008
End time:	Fri 02/22/2008 Time International All day every your Web project, as they are extensively used to bring you the model of the second sec
end time.	sophisticated Editing experience.
Importance:	Normal
Categories:	OK Cancel

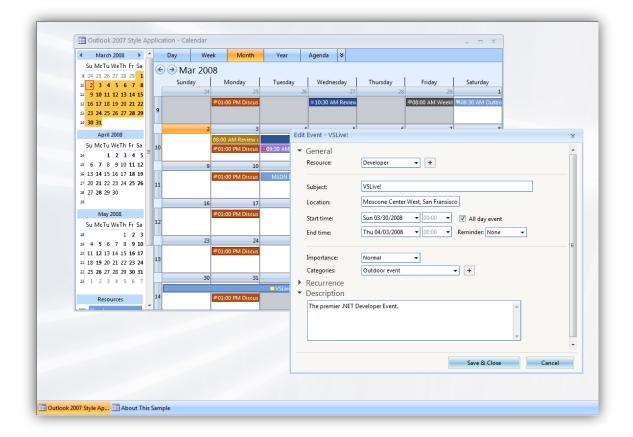
When you set **AllowEdit** property to **Yes** from the Visual Studio's property window, the Editing Wizard will be launched to help you configure the Editing experience.

Tight integration with WebDesktop.NET™

Intersoft WebScheduler's user interface and visual experience is built upon the expertise of the company's flagship WebUI technology.

The tight integration between WebScheduler and the rest of WebUI Studio.NET UI components ensures users to have the same and consistent rich user interface that they already become familiar with. At the developer end, this feature also maximizes the value of existing investments on Intersoft's WebUI technology, and at the same time increasing productivity by reducing the steep learning curves.

The following image shows WebScheduler hosted inside WebDesktopManager. The Editing API automatically detects the existence of the WebDesktopManager, and seamlessly integrate into the WebDesktopManager instance. Notice that the Dialog theme as well as the button is using the main WebDesktopManager theme, instead of its own default style.

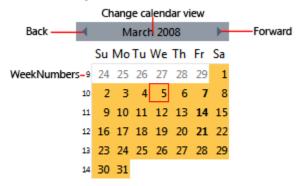


In addition to the styles, you can also notice that the Dialog is naturally integrated into WebDesktopManager. This means that the Dialog can now be moved out from the original page. You can perform moving and resizing as it is a *WebDesktopWindow* object.

Concepts

Calendar

• General navigation



o Back and forward

Back and forward button will perform navigation according to the selected view.

• Change calendar view

Beside "Month" calendar view, you can change the calendar view by clicking on the calendar header. There are 3 calendar views ("Month", "Year", and "YearRange"). By default, if the SelectedViewMode (ViewSettings property) is Day, Week, Month or Agenda then the calendar's view will be "Month" view. However, if the SelectedViewMode is Quarter, then the calendar's view will be "Year" and if the SelectedViewMode is Year, the calendar's view will be "YearRange". You can change the calendar view by clicking on the calendar header. The exception for clicking the calendar header is when the SelectedViewMode in Quarter and Year view. In Quarter view, you cannot change the calendar's view to "Month" and in Year view, you cannot change the calendar's view to "Month" and "Year".

•		Ja	nua	ry 20	800		•		20	08	•	•	2000 -	2009	•
	Su	Mo	Tu	We	Th	Fr	Sa	Jan	Feb	Mar	Apr	1999	2000	2001	2002
1	30	31	1	2	3	4	5								
2	6	7	8	9	10	11	12	May	Jun	Jul	Aug	2003	2004	2005	2006
3	13	14	15	16	17	18	19								
4	20	21	22	23	24	25	26	Sep	Oct	Nov	Dec	2007	2008	2009	2010
s	27	28	29	30	31										
6															
		Μ	ont	h vi	iew				Year	view		Y	earRai	nge vie	w

• Change scheduler view from calendar

In "Month" calendar view, if you click the calendar's number. WebScheduler's view will automatically change to "Day" view.

- Navigation on each WebScheduler's view
 - o Day view



Back

Back calendar button in Day view will navigate to the previous day.

Forward

Forward calendar button in Day view will navigate to the next day.

Change calendar view

Clicking the calendar's header once will change the calendar's view to Year, clicking it twice will change the calendar's view to YearRange view, and the third click will change the calendar's view back to Month view.

Week view

•	March 2008										
	Su McTu WeTh Fr Sa										
9	24	25	26	27	28	29	1				
10	2	3	4	5	6	7	8				
11	9	10	11	12	13	14	15				
12	16	17	18	19	20	21	22				
13	23	24	25	26	27	28	29				
14	30	31									

Back

Back calendar button in Week view will navigate to the previous week.

Forward

Forward calendar button in Week view will navigate to the next week.

Change calendar view

Clicking the calendar's header once will change the calendar's view to Year, clicking it twice will change the calendar's view to YearRange view, and the third click will change the calendar's view back to Month view.

• Month view

•	March 2008								
	Su	Mc	Tu	We	Th	Fr	Sa		
9	24	25	26	27	28	29	1		
10	2	3	4	5	6	7	8		
11	9	10	11	12	13	14	15		
12	16	17	18	19	20	21	22		
13	23	24	25	26	27	28	29		
14	30	31							

- Back
 Back calendar button in Month view will navigate to the previous month.
- Forward
- Forward calendar button in Month view will navigate to the next month.
- Change calendar view

Clicking the calendar's header once will change the calendar's view to Year, clicking it twice will change the calendar's view to YearRange view, and the third click will change the calendar's view back to Month view.

o Quarter view



Back

Back calendar button in Quarter view will navigate to the previous quarter.

Forward

Forward calendar button in Quarter view will navigate to the next quarter.

Change calendar view
 Clicking the calendar's header once will change the calendar's view to
 YearRange, and clicking it twice will change the calendar's view back to Year
 view.

• Year view

◀ 2000 - 2009 ►						
1999	2000	2001	2002			
2003	2004	2005	2006			
2007	2008	2009	2010			

Back

Back calendar button will navigate to the previous 10 years.

Forward

Forward calendar button will navigate to the next 10 years.

Change calendar view
 In Year view, you cannot change the calendar view.

o Agenda view

•		•						
Su McTu WeTh Fr Sa								
9	24	25	26	27	28	29	1	
	2		_					
11	9	10	11	12	13	14	15	
12	16	17	18	19	20	21	22	
13	23	24	25	26	27	28	29	
14	30	31						
		в	acł	<i>c</i>				

Back

Back calendar button will navigate to the previous month.

Forward

Forward calendar button will navigate to the next month.

Change calendar view

Clicking the calendar's header once will change the calendar's view to Year, clicking it twice will change the calendar's view to YearRange view, and the third click will change the calendar's view back to Month view.

- Calendar Features
 - AllowCollapse

WebScheduler allow you to determine whether or not you want to show the calendar(s) within a single mouse click.

TODO: calendar's collapse button image and How to

FirstDayOfWeek

One of the flexibility in WebScheduler's calendar is that you can specify your own first day of week. For example, you want the calendar first day of week is Monday instead of Sunday (the default behavior).

TODO: How to

FirstWeekOfYear

This feature is another flexibility of WebScheduler's calendar. You can determine when the first week should be counted. For example, the first week of the year should be January, 1st.

TODO: How to

• HideCalendarInitially

You can hide the calendar(s) from WebScheduler. With this property, you can show or hide the calendar on first load and at runtime. In order to achieve this scenario, you need to set HideCalendarInitially to True and AllowCollapse to True in CalendarSettings.

TODO: How to hide calendar initially

• NumberOfMonthDisplayed

By default, WebScheduler will show 3 calendars in the view. However, WebScheduler provides a way for you to determine the number of calendars that you wish to display. The maximum number of calendars in WebScheduler are 3. TODO: How to

• MarkedDayWithEvents

WebScheduler provides a friendly and interactive user interface. By looking at the calendars, you will know which day contains an event(s) as it will be marked with bold style.

TODO: Calendar image with MarkedDayWithEvents = TRUE

Holiday

By default, days will be considered as non-holiday. However, you can specify which day(s) in the calendar(s) that you would mark as holiday in Holidays property (this is a collection). If Holidays is specified then WebScheduler will automatically mark the day(s) as holiday according to the data collection that you have specified in the Holidays.

Holiday in WebScheduler's calendar will be set with HolidayStyle.

• Styles

Here are the styles in WebScheduler's Calendar:

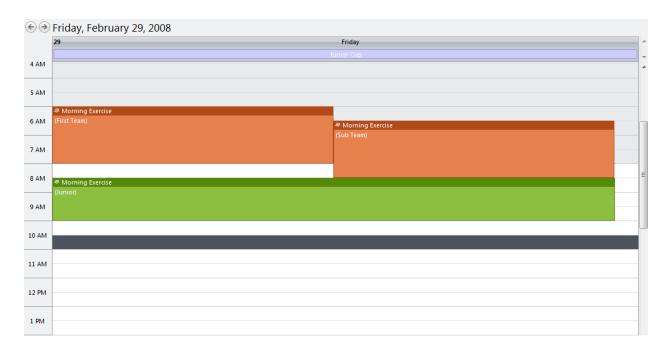
- CalendarFrameStyle
- CalendarHeaderStyle
- CalendarInboundCellStyle
- CalendarOutboundCellStyle
- CalendarSelectedCellStyle
- CalendarTableStyle
- CalendarTodayStyle
- CalendarWeekNameStyle

• CalendarWeekNumberStyle

• HolidayStyle

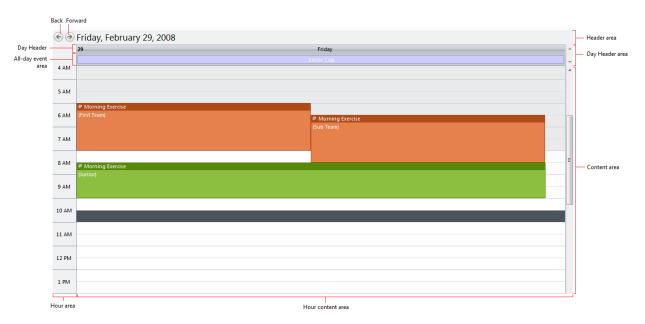
	✓ March 2008 ►	
	Su MoTu We Th Fr Sa	
	9 24 25 26 27 28 29 1 Calendar SelectedCellStyle	
Calendar TodayStyle	10 2 3 4 5 6 7 8	
louaystyle	11 9 10 11 12 13 14 15	
HolidayStyle	-12 16 17 18 19 20 21 22 Calendar InboundCellStyle	
	13 23 24 25 26 27 28 29	
	14 30 31	
	April 2008 Calendar HeaderStyle	
	Su Mo Tu We Th Fr Sa	
	14 1 2 3 4 5	
Calendar Frame Style	15 6 7 8 9 10 11 12	
	16 13 14 15 16 17 18 19 Calendar TableStyle	
	17 20 21 22 23 24 25 26	
	18 27 28 29 30	
	19	
	May 2008	
	Su Mo Tu We Th Fr Sa WeekNameStyle	
	18 1 2 3	
Calendar	19 4 5 6 7 8 9 10	
WeekNumberStyle	20 11 12 13 14 15 16 17	
	21 18 19 20 21 22 23 24	
	22 25 26 27 28 29 30 31	
	23 1 2 3 4 5 6 7 Calendar OutboundCellStyle	
	Resources	
	Orchid Theater	
	Production House	

Day View



The day view shows one day at a time.

• Day view Layout



The areas in Day view are:

• Header area.

The selected date will be displayed according to the DateFormatString property specified in ViewSettings-DayView category.

- Day Header area , consists of two section:
 - Day Header
 - All Day Event Area, where the all-day events of the day are displayed. User can
 easily add an all-day event using the callout that will be displayed when user
 selects this area. Note that the callout will only be displayed if adding event
 feature is enabled.
- o Content area
 - Hour area.

This area is divided into 24 areas which indicate the hour of the area. The hour starts from 12 AM to 11 PM. The time format (12 hour or 24 hour) can be specified in TimeFormat property of ViewSettings category.

Hour content area.

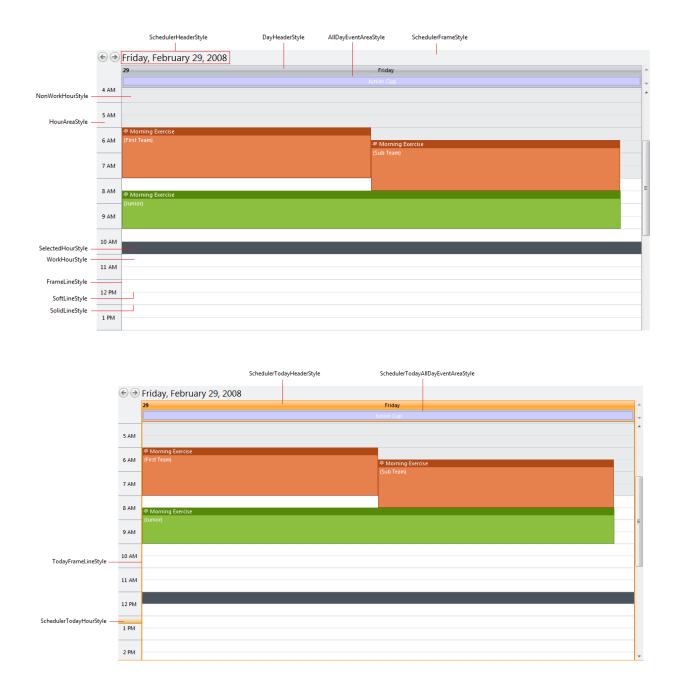
This area is divided into 48 areas that represent 30 minutes time interval area where time-based events are displayed according to its start time and duration. User can easily add a time-based event using the callout that will be displayed when user selects an hour content area. Note that the callout will only be displayed if adding event feature is enabled.

If work days and work hours are specified, the hour content area will be rendered in different style according to the work hours.

• Day view Styles

Here are the styles in Day view:

- SchedulerFrameStyle
- SchedulerHeaderStyle
- SchedulerTodayHeaderStyle
- DayHeaderStyle
- AllDayEventAreaStyle
- SchedulerTodayAllDayEventAreaStyle
- HourAreaStyle
- GridLineStyle
 - SoftLineStyle
 - SolidLineStyle
 - FrameLineStyle
 - TodayFrameLineStyle
- WorkHourStyle
- NonWorkHourStyle
- SelectedHourStyle
- SchedulerTodayHourStyle



• Day view concept

To navigate to the next day or previous day, Back and Forward navigation buttons can be used.

In Day view, only time-based event can be moved and resized. Due to the original concept of Day view where only one day is displayed, all-day events cannot be resized. The resize indicators are not displayed in all-day events, while it is displayed in time-based events. Note that the indicator will be displayed when the resizing and moving feature is enabled.

11	Tuesday
	MSDN Day
	Tuesday, March 11, 2008 🗙
	Subject : MSDN Day
	Description : Sharepoint and OBA
	Tuesday, March 11, 2008 × Subject : MSDN Day Description : Sharepoint and OBA (Office Business Application)
	Application)
	Edit Event Delete Event

	Tuesday, March 04, 2008 09:30 AM 🛛 🗶	
	Subject : Check on product artworks	
	Description : Meet Victoria to review on	
Check on product artworks	artworks, product boxes,	
Meet Victoria to review on artworks, product boxes, and others.	and others.	
	Edit Event Delete Event	
0		

In Day view, the calendar will display Month calendar view. When user chooses a date in Calendar, the scheduler will navigate to the selected date. User can also click the calendar header to view Year and YearRange calendar views to easily navigate and select a date in calendar. User can only view Year and YearRange calendar views in the first calendar. The other calendars will be disabled.

0 2 3 4 5 6 7 8 1 9 10 11 12 13 14 15 2 16 17 18 19 20 21 22 2 3 24 25 26 27 28 29 4 30 31	•		M	arch	n 200	08		F					
0 2 3 4 5 6 7 8 1 9 10 11 12 13 14 15 2 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 31 31 31 31 April 2008 Su Mo Tu We Th Fr Sa 4 1 2 3 4 5 6 7 8 9 10 11 12 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 7 20 21 22 23 24 25 26 26 27 28 29 30 30 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 <	Su MoTu We Th Fr Sa												
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4 30 31 April 2008 Su Mo Tu We Th Fr Sa 4 1 2 3 4 5 5 6 7 8 9 10 11 12 6 7 8 9 10 11 12 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 8 27 28 29 30 9 9 May 2008 May 2008 Su Mo Tu We Th Fr Sa 8 1 2 3 9 4 5 6 7 8 9 10 9 4 5 6 7 8 9 10 11 12 13 14 15 16 17 1 18 19 20 21 22 23 <td< td=""><th>12</th><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td></td<>	12	16	17	18	19	20	21	22					
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Su Mo Tu We Th Fr Sa 4 1 2 3 4 5 5 6 7 8 9 10 11 12 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 8 27 28 29 30 9 9 May 2008 May 2008 Su Mo Tu We Th Fr Sa 8 1 2 3 3 9 10 1 2 3 4 5 6 7 8 9 10 1 1 2 3 1 2 3 4 5 6 7 8 9 10 0 11	14	30	31										
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May 2008 Su Mo Tu We Th Fr Sa 8 1 2 3 9 4 5 6 7 8 9 10 0 11 12 13 14 15 16 17 1 18 19 20 21 22 23 24	18	27	28	29	30								
Su Mo Tu We Th Fr Sa 8 1 2 3 9 4 5 6 7 8 9 10 0 11 12 13 14 15 16 17 1 18 19 20 21 22 23 24	19												
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18 19 20 21 22 23 24	19	4	5	6	7	8	9	10					
	20	11	12	13	14	15	16	17					
2 25 26 27 28 29 30 31	21	18	19	20	21	22	23	24					
	22	25	26	27	28	29	30	31					

-			20	08											
Ja	an	F	eb	м	ar	Apr									
Μ	lay	Ju	ın	Ju	ul	Au	g								
S	ep	0	ct	N	ov	De	ec								
	April 2008														
	Su	Mo	Tu	We	Th	Fr	Sa								
14			1	2	3	4	5								
15	6	7	8	9	10	11	12								
16	13	14	15	16	17	18	19								
17	20	21	22	23	24	25	26								
18	27	28	29	30											
19															
		N	Лау	200	8										
	Su	Mo	Tu	We	Th	Fr	Sa								
18					1	2	3								
19	4	5	6	7	8	9	10								
20	11	12	13	14	15	16	17								
21	18	19	20	21	22	23	24								
22	25	26	27	28	29	30	31								

4		20	000	20/	20	•				
		20	00	- 20(19					
19	999	20	00	20	01	20	02			
20	003	20	04	20	05	20	06			
20	07	20	08	20	09	20	10			
		A	pril	200	8					
	Su	Mo	Tu	We	Th	Fr	Sa			
14			1	2	3	4	5			
15	6	7	8	9	10	11	12			
16	13	14	15	16	17	18	19			
17	20	21	22	23	24	25	26			
18	27	28	29	30						
19										
		N	Лау	200	8					
	Su	Mo	Tu	We	Th	Fr	Sa			
18					1	2	3			
19	4	5	6	7	8	9	10			
20	11	12	13	14	15	16	17			
21	18	19	20	21	22	23	24			
22	25	26	27	28	29	30	31			
23	1	2	3	4	5	6	7			

Month calendar view

23 1 2 3 4 5 6 7

Year calendar view

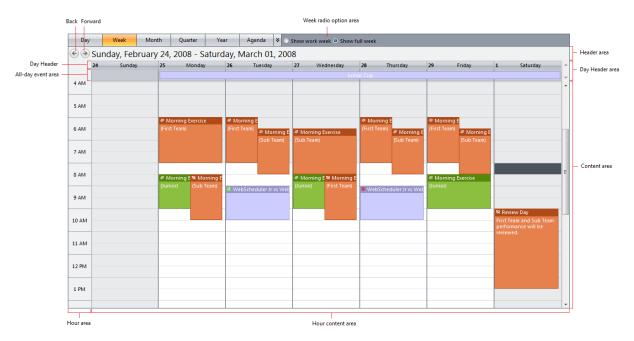
23 1 2 3 4 5 6 7

YearRange calendar view

Week View

Week view shows events in weekly period.

• Week view Layout



The areas in Day view are:

• Header area.

The selected date will be displayed according to the DateFormatString property specified in ViewSettings-WeekView category.

- Day Header area , consists of two section:
 - Day Header
 - All Day Event Area, where the all-day events of the day are displayed. User can
 easily add an all-day event using the callout that will be displayed when user
 selects this area. Note that the callout will only be displayed if adding event
 feature is enabled.
- o Content area
 - Hour area.

This area is divided into 24 areas which indicate the hour of the area. The hour starts from 12 AM to 11 PM. The time format (12 hour or 24 hour) can be specified in TimeFormat property of ViewSettings category.

Hour content area.

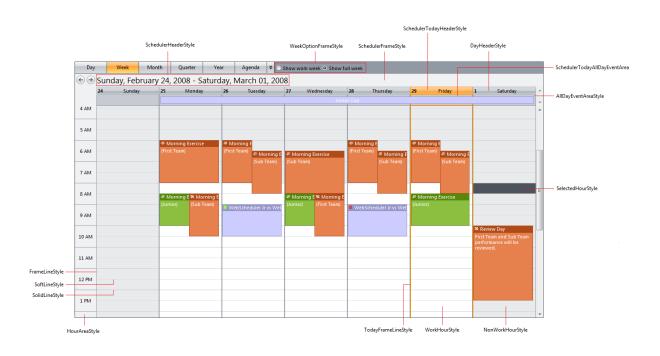
This area is divided into 48 areas that represent 30 minutes time interval area where time-based events are displayed according to its start time and duration. User can easily add a time-based event using the callout that will be displayed when user selects an hour content area. Note that the callout will only be displayed if adding event feature is enabled.

If work days and work hours are specified, the hour content area will be rendered in different style according to the work hours.

• Week view Styles

Here are the styles in Week view:

- SchedulerFrameStyle
- SchedulerHeaderStyle
- SchedulerTodayHeaderStyle
- WeekOptionFrameStyle
- DayHeaderStyle
- AllDayEventAreaStyle
- SchedulerTodayAllDayEventAreaStyle
- HourAreaStyle
- GridLineStyle
 - SoftLineStyle
 - SolidLineStyle
 - FrameLineStyle
 - TodayFrameLineStyle
- WorkHourStyle
- NonWorkHourStyle
- SelectedHourStyle
- SchedulerTodayHourStyle



Week view concept

There are two options in Week view: Full week and Work week.

Day		Week	Month	h Qu	arter	Year	Agen	da 🛛 🎖 🔿	Show work w	eek 🔍 Show fi	ull week					
€€	Sunda	ay, Febr	uary	24, 200	8 - Satu	rday, I	March	n 01, 200)8							
	24	Sunday		25	Monday	26	Tu	esday	27 We	ednesday	28	Thursday	29	Friday	1 Saturday	_
4 AM										Juni	or Cup		1			
5 AM																_
6 AM				쥐 Morning (First Team)				쿠 Morning E (Sub Team)	쿠 Morning (Sub Team)	Exercise	ক্র Mornir (First Tear		ቭ Morning (First Team)			
7 AM								(Jub really	(Sub really							
8 AM				쿠 Morning (Junior)	E 찍 Morning (Sub Team)					E 횎 Morning E (First Team)) Exercise		
9 AM				,		W	ebSchedu	uler Jr vs Web			WebSc	heduler Jr vs Wet				
10 AM															Review Day First Team and Sub Team performance will be reviewed.	
11 AM																
12 PM																
1 PM																

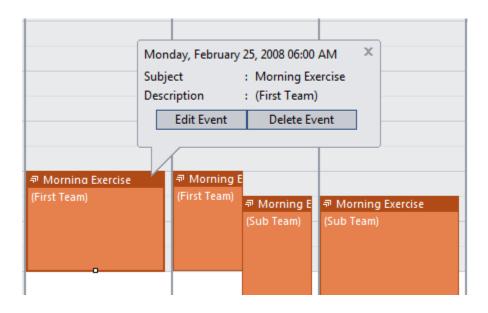
In Full week, user is able to view events in the full seven-day week.

In Work week, only the work days and the related events are displayed. User can choose whether to show work week or full week by clicking the week radio button. The work days can be specified in WorkWeekSettings property.

Day	Week	Month	Quarter	Year Agenda	× • Show v	vork week 🔘 Show full w	eek			
$ \mathbf{ \mathbf{ e } \mathbf{ \mathbf{ > } } } $	Monday, Fe	ebruary 25, 2	008 - Fric	lay, February 2	29, 2008					
	25 1	Monday	26	Tuesday	27	Wednesday	28	Thursday	29	Friday
4 AM						Junior Cup				
5 AM										
6 AM	쿠 Morning Exerci (First Team)	se	최 Morning I (First Team)	Exercis 쿠 Morning Exer (Sub Team)	rcis ㅋ Morning - (Sub Team)	Exercise	퀵 Morning E (First Team)	xercis 퀵 Morning Exercis (Sub Team)	퀵 Morning Ex (First Team)	ercis 郬 Morning Exercis (Sub Team)
7 AM										
8 AM	郬 Morning Exerci (Junior)	s 찍 Morning Exercis (Sub Team)		duler Jr vs WebGrid Jr	ন্স Morning (Junior)	Exercis 후 Morning Exercis (First Team)		uler Jr vs WebCombo Jr	퀵 Morning Exe (Junior)	ercise
9 AM							_			
10 AM										
11 AM										
12 PM										
1 PM										

In Week view, only time-based events can be moved. However, both all-day events and time-based events can be resized. The resize indicators of all-day event will be displayed when the event's start date and end date is within the week range. Note that the indicator will be displayed when the resizing and moving feature is enabled.

25	Monday	26	Tuesday	27	Wednesday	28	Thursday	29	Friday	1	Saturday	-
•					Jun	ior Cup						- 1
			Monday, Febr Subject Description Edit Eve		2008 > : Junior Cup : Junior Cup Delete Event	<						



In Week view, the calendar will display Month calendar view. Unlike Day view, when user selects a date, the week row will be highlighted and the scheduler will navigate to the selected date's week. Note that in Work week, only the work days are highlighted in calendar. User can also select the week by clicking on the week number.

•		M	arch	n 20(08		•		ł		M	arch	n 20(08		•
	Su	Mo	Tu	We	Th	Fr	Sa			Su	Mo	Tu	We	Th	Fr	Sa
9	24	25	26	27	28	29	1		9	24	25	26	27	28	29	1
10	2	3	4	5	6	7	8		10	2	3	4	5	6	7	8
11	9	10	11	12	13	14	15		11	9	10	11	12	13	14	15
12	16	17	18	19	20	21	22		12	16	17	18	19	20	21	22
13	23	24	25	26	27	28	29		13	23	24	25	26	27	28	29
14	30	31							14	30	31					
		A	pril	200	8						A	pril	200	8		
	Su	Mo	Tu	We	Th	Fr	Sa			Su	Мо	Tu	We	Th	Fr	Sa
14			1	2	3	4	5		14			1	2	3	4	5
15	6	7	8	9	10	11	12		15	6	7	8	9	10	11	12
16	13	14	15	16	17	18	19		16	13	14	15	16	17	18	19
17	20	21	22	23	24	25	26		17	20	21	22	23	24	25	26
18	27	28	29	30					18	27	28	29	30			
19									19							
		I	Иay	200	8				May 2008							
	Su	Mo	Tu	We	Th	Fr	Sa			Su	Мо	Tu	We	Th	Fr	Sa
18					1	2	3		18					1	2	3
19	4	5	6	7	8	9	10		19	4	5	6	7	8	9	10
20	11	12	13	14	15	16	17	:	20	11	12	13	14	15	16	17
21	18	19	20	21	22	23	24	:	21	18	19	20	21	22	23	24
22	25	26	27	28	29	30	31	:	22	25	26	27	28	29	30	31
23	1	2	3	4	5	6	7	:	23	1	2	3	4	5	6	7
			Full	we	ek						v	Vork	we	ek		

User can click the calendar header to view Year and YearRange calendar views to easily navigate and select a date in the calendar. User can only view Year and YearRange calendar views in the first calendar. The other calendars will be disabled.

When Back and Forward button is clicked, the previous and the next week will be rendered according to the week options mode. User can also click the Day Header columns to navigate to that day in Day view.

MonthView

Navigation

Back	Forward		"AllDayE	vent″e	vent					
Æ	Mar 2008									
C	Sunday	Monday	Tuesday	-	Wedne	Friday	Saturday			
	24	-	2	-		27	Thursda	-9	29	1
				🔳 ចេ1	0:30 AI	M Review J			∜708:00 AM Weekly m	훡08:30 AM Outbouni
9										
100	2			4		5		6	7	8
10		08:00 AM Review doci 쾨01:00 PM Discuss or	09:30 AM Check or			Exhibi	Training	1		<mark>■</mark> 昻08:30 AM Outbou
10				1	Mo	ce .	More	9	More	
	9	10	1	1		12		13	14	15
		₹01:00 PM Discuss or	MSDN Day						퀴08:00 AM Weekly m	<mark>■</mark>
11										
1.0	16		1	8		19		20	21	22
		취01:00 PM Discuss or								∎ 🕫 08:30 AM Outbou
12										
	23	24	2	5		26		27	28	29
10		취01:00 PM Discuss or				20			코08:00 AM Weekly m	
13										
	30	31		1		2		3	4	5
		퀴01:00 PM Discuss or							郬08:00 AM Weekly m	∎ ₱08:30 AM Outbou
14										
				4						
Row	Header	"Non-AllDayEvent	″event M	lore lin	k					

o Back

Back button in WebScheduler will navigate WebScheduler to the previous month.

o Forward

Forward button in WebScheduler will navigate WebScheduler to the next month.

- WebScheduler "Day" views.
 When you clicked on DayHeader in MonthView, WebScheduler will switch to "Day" view.
- WebScheduler "Week" views.

When you click on RowHeader (WeekNumber) in MonthView, WebScheduler will switch to "Week" view.

 $\circ \quad \text{More event} \quad$

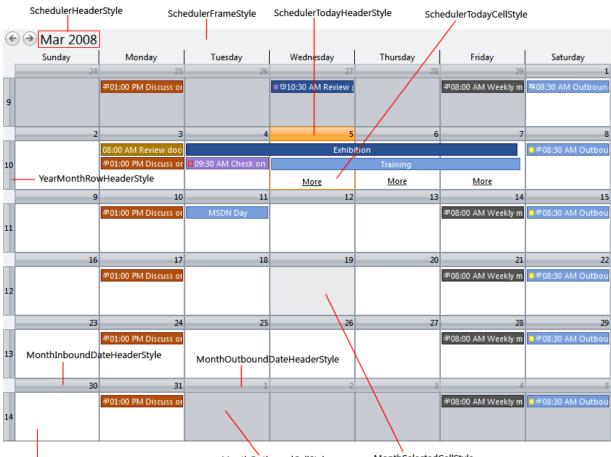
"More" link will appear in the day's cell in MonthView if the event of that day is more than 2. When you click "More" link, you will be provided with detail view about the events in that day. • Moving event

WebScheduler also includes drag and drop ability. In MonthView you can move the non-AllDayEvent event(s) only by dragging and dropping it to the other day.

• Styles

Here are the stylesin WebScheduler's Calendar:

- MonthInboundCellStyle
- MonthInboundDateHeaderStyle
- MonthOutboundCellStyle
- MonthOutboundDateHeaderStyle
- MonthSelectedCellStyle
- SchedulerTodayCellStyle
- SchedulerTodayHeaderStyle
- SchedulerFrameStyle
- SchedulerHeaderStyle
- YearMonthRowHeaderStyle



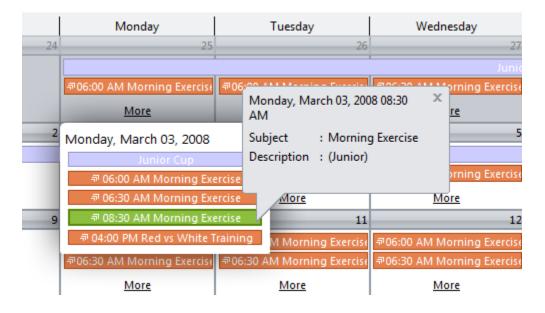
MonthInboundCellStyle

MonthOutboundCellStyle

MonthSelectedCellStyle

• More links

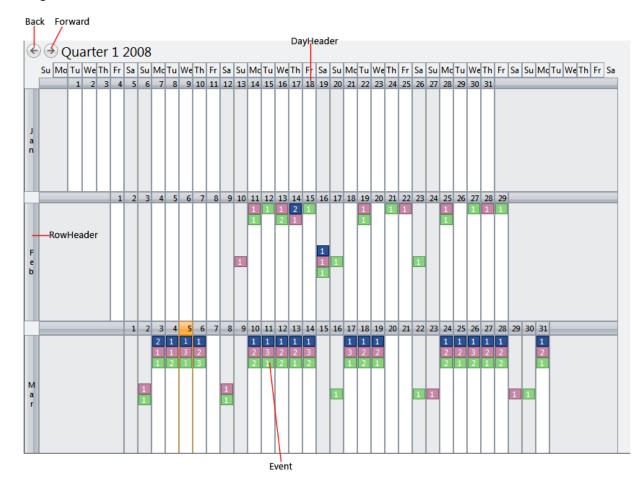
More links will be displayed in the day's cell if the events of that day can-not be fully displayed due to the limited space of Month view layout. When the link is clicked, all the events of that day will be displayed in a detail view.



Note that when clicked, the event will still be selected and the detail information of that event will be displayed in the callout.

Quarter view

Navigation



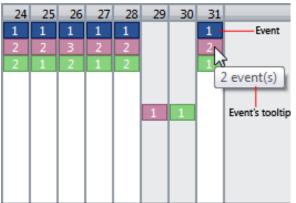
o Back

Back button in quarter view will navigate to the previous quarter.

- Forward
 Forward button in quarter view will navigate to the next quarter.
- WebScheduler "Day" view

When you click on DayHeader in QuarterView, WebScheduler will switch to "Day" view.

 WebScheduler "Month" view
 When you click on RowHeader (month) in QuarterView, WebScheduler will switch to "Month" view. • User interface



Each event in Quarter view will have:

• Event's background color.

The event's background color is using the resource's color. For example, "Michael" (resource's color is green) then the event(s) that related to "Michael" will be green.

Event's Text

The event's text describes how many event(s) that belong to 1 resource has on that day. For example, "Michael" has 2 events on March, 31th then the event will has 2 as the text.

Event's tooltip

There are 2 behaviors in event's tooltip:

- The tooltip is set with the event's description.
 This behavior will be used if the amount of the event that belongs to 1 resource in that day is only 1.
- The tooltip is set with the event's amount
 This behavior will be used if the amount of the event that belongs to 1 resource in that day is more than 1.

In the above screen shot, the mouse hovered event is using the 2nd behavior.

SelectedWeekViewMode

With a friendly and interactive user interface, WebScheduler provides a way to identify whether the day in the scheduler's view is either WorkHour or NonWorkHour, by only looking at the scheduler's view.

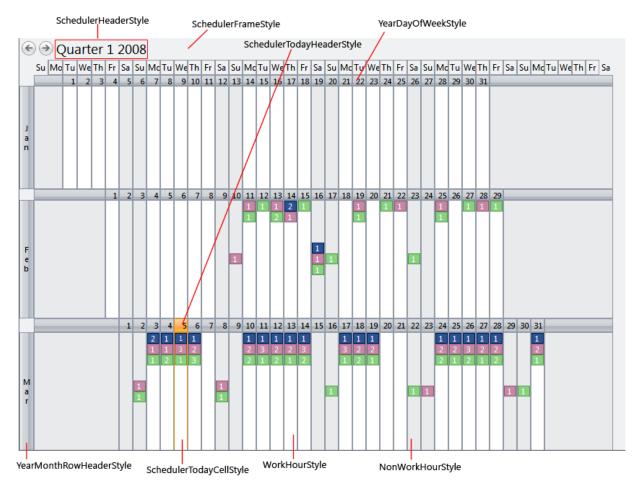
By default the SelectedWeekViewMode is FullWeek, this means WebScheduler will set the days as work hour day initially, therefore all of the day will use WorkHourStyle. In order to activate the NonWorkHour on the day, you need to set SelectedWeekViewMode to WorkWeek. WebScheduler will determine whether or not the day should be worked hour day based on WorkWeekSettings.

Styles

Here are the styles in YearView and QuarterView

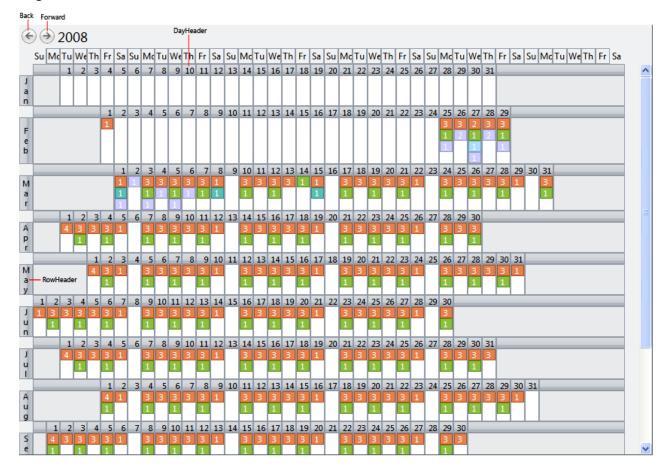
YearDayOfWeekStyle

- SchedulerTodayCellStyle
- SchedulerTodayHeaderStyle
- SchedulerFrameStyle
- SchedulerHeaderStyle
- YearMonthRowHeaderStyle
- WorkHourStyle
- \circ NonWorkHourStyle



Year view

Navigation



o Back

In YearView, back button will navigate to the previous year.

o Forward

In YearView, forward button will navigate to the next year.

- WebScheduler "Day" view
 When you click on DayHeader in YearView, WebScheduler will switch to "Day" view.
- WebScheduler "Month" view
 When you clicked on RowHeader (month) in YearView, WebScheduler will switch to "Month" view.

• User interface

		1	2	3	- 4	5	6
J	Event	- 4	3	3	3	1	
u					1		
			h	,			
	Event's To	oltip-	- N	Norn	ing E	Exerc	ise
Δ				_	A	1	

Each event in Year view will have:

• Event's background color.

The event's background color is using the resource's color. For example, "Michael" (resource's color is green) then the event(s) that is related to "Michael" will be green.

o Event's Text

The event's text describes how many event(s) that belong to 1 resource has on that day. For example, "Michael" has 2 events on March, 31th then the event will has 2 as the text.

o Event's tooltip

There are 2 behaviors in event's tooltip:

- The tooltip is set with the event's description.
 This behavior will be used if the amount of the event that belongs to 1 resource in that day is only 1.
- The tooltip is set with the event's amount This behavior will be used if the amount of the event that belongs to 1 resource in that day is more than 1.

In the above screen shot, the mouse hovered event is using the 1st behavior.

• SelectedWeekViewMode

With a friendly and interactive user interface, WebScheduler provides a way to know whether the day in the scheduler's view is either WorkHour or NonWorkHour by only looking at the scheduler's view.

By default the SelectedWeekViewMode is FullWeek, this means WebScheduler will set the days to work hour day, therefore all of the day will use WorkHourStyle. In order to activate the NonWorkHour on the day, you need to set SelectedWeekViewMode to WorkWeek. WebScheduler will determine whether or not the day should be worked hour day based on WorkWeekSettings.

Styles

Here are the styles in YearView and QuarterView

- YearDayOfWeekStyle
- SchedulerTodayCellStyle
- SchedulerTodayHeaderStyle
- SchedulerFrameStyle
- SchedulerHeaderStyle

- YearMonthRowHeaderStyle 0
- WorkHourStyle 0
- NonWorkHourStyle 0



SchedulerTodayHeaderStyle

SchedulerTodayCellStyle

Agenda view

Agenda view shows list of events detail.

• Agenda view Layout

Back Forward		AgendaAction area			
🔄 🏵 Saturday, Ma	rch 01, 2008	🚽 Expand all 📒 Collaps	e all	77-	– Header area
Monday, February 25, 2008		Junior Cup 12:00 AM Location : Intersoft Venue Description : Junior Cup X Delete Event X Edit Event View on my calendar			
Saturday, March 01, 2008	10:00 AM	Review Day 10:00 AM - 01:30 PM Location : Sudirman STadium Description : First Team and Sub Team performance will be reviewed. X Delete Event ✓ Edit Event 🐨 View on my calendar			
Saturday, March 01, 2008	05:00 PM	WebScheduler FC vs WebCombo FC 05:00 PM - 07:00 PM Location : Description : 1st Week X Delete Event I to the work on my calendar		-	— Content area
Monday, March 03, 2008	06:00 AM	a Morning Exercise			
Monday, March 03, 2008	06:30 AM	₱ Morning Exercise			
Monday, March 03, 2008	08:30 AM				
Monday, March 03, 2008	04:00 PM	a Red vs White Training			
Tuesday, March 04, 2008	06:00 AM				
Tuesday, March 04, 2008	06:30 AM				
Tuesday, March 04, 2008	03:00 PM	Red vs White Training			
Wednesday, March 05, 2008	06:00 AM	# Morning Exercise			
Wednesday, March 05, 2008	06:30 AM	₱ Morning Exercise			
Wednesday, March 05, 2008	08:30 AM	@ Morning Exercise			
Wednesday, March 05, 2008	03:00 PM	Red vs White Training		÷	
Event date area	Event type area	Event detail area		_	

The areas in Agenda view are:

• Header area.

The selected date will be displayed according to the DateFormatString property specified in ViewSettings - AgendaView category.

The Agenda Action area consists of Expand All and Collapse All buttons. By default, the first three events will be expanded. If user clicks Expand All button, all the events will be expanded and when user clicks Collapse All button, all the events will be collapsed.

- o Content area
 - Event date area, which displays the event date. The event date will use date format specified in ItemDateFormatString property.
 - Event type area, which displays the event type. All-day event is indicated by a box, while time-based event is indicated by the event's start time. Both types will be rendered using the event's resource color.
 - Event detail area, which displays the event detail, such as subject, start and end time, location, description, and other details.

• Agenda view Styles

	SchedulerHead	erStyle	SchedulerFrameStyle	Agenda/	ActionStyle	
	€ ∋ Saturday, Marc	h 01, 2008		🕂 Expand all	Collapse all	
AgendaDateColumnStyle —	Monday, February 25, 2008		Junior Cup 12:00 AM Location : Intersoft Venue			^
AgendaRowStyle —			Description : Junior Cup ➤ Delete Event ✓ Edit Event View on my calendar			-
AgendaAlternativeRowStyle —	Saturday, March 01, 2008	10:00 AM	Review Day 10:00 AM - 01:30 PM Location : Sudiman STadium Description : First Team and Sub Team performance will be reviewed. X Delete Event ✓ Edit Event			
	Saturday, March 01, 2008	05:00 PM	WebScheduler FC vs WebCombo FC 05:00 PM - 07:00 PM Location : Description : 1st Week X Delete Event Y Delete Event View on my calendar			-
	Monday, March 03, 2008	06:00 AM	a Morning Exercise			
	Monday, March 03, 2008	06:30 AM	₽ Morning Exercise			
	Monday, March 03, 2008	08:30 AM	₽ Morning Exercise			
	Monday, March 03, 2008	04:00 PM	🕫 Red vs White Training			
	Tuesday, March 04, 2008	06:00 AM	P Morning Exercise			
	Tuesday, March 04, 2008	06:30 AM	P Morning Exercise			
	Tuesday, March 04, 2008	03:00 PM	Red vs White Training			
	Wednesday, March 05, 2008	06:00 AM	₱ Morning Exercise			
	Wednesday, March 05, 2008	06:30 AM	Morning Exercise			
	Wednesday, March 05, 2008	08:30 AM	♥ Morning Exercise			
	Wednesday, March 05, 2008	03:00 PM	💀 Red vs White Training			-

Here are the styles in Week view:

- SchedulerFrameStyle
- SchedulerHeaderStyle
- AgendaActionStyle
- AgendaAlternativeRowStyle
- AgendaRowStyle
- AgendaDateColumnStyle

Agenda view Concept

Agenda view lists the events detail in paging mode. Each page will display max 10 events. When-Back and Forward button is clicked, the selected date will be modified to the previous or the next date and 10 events starting from the selected date will be displayed.

In Agenda view, the calendar will display Month calendar view. When user chooses a date in Calendar, the scheduler will navigate to the selected date. User can also click the calendar header to view Year and YearRange calendar views to easily navigate and select a date in calendar. User can only view Year and YearRange calendar views in the first calendar. The other calendars will be disabled.

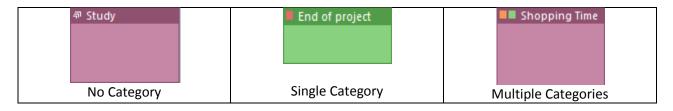
ł		M	larch	n 20	08		•		1		20	08			Þ.	4		20	00 -	- 200)9		۲
	Su	Мо	Tu	We	Th	Fr	Sa	1	an	Fe	•h	м	ar	Ap	or.	19	999	20	00	20	01	200	12
9	24	25	26	27	28	29	1							~				20		20		201	
10	2	3	4	5	6	7	8	N	1ay	Ju	In	Ju	I	Au	g	20	03	20	04	20	05	20(06
11	-			12	_			c	ep	0	<i>d</i>	No		De		20	007	20	08	20	00	20:	10
12				19				د	сþ	0	u	TNO.		00		20		20	00	20	09	20.	10
	23 30		25	26	21	28	29			A	pril	200	8					A	pril	200	8		
	50				-				Su	Mo	Tu	We	Th	Fr	Sa		Su	Mo	Tu	We	Th	Fr	Sa
				200				14			1	2	3	4	5	14			1	2	3	4	5
	Su	Мо		We				15	6	7	8	9	10	11	12	15	6	7	8	9	10	11	17
14		_	1	2	3	4	5	16	13	14	15	16	17	18	19	16	13	14	15	16	17	18	19
15	6	7	8	9 16	10			17	20		22	23	24	25	26	17	20	21	22	23	24	25	26
16 17				23	_			18	27	28	29	30				18	27	28	29	30			
			22		24	25	20	19							_	19							
19		20								N	/lay	2008	3					Ν	/lay	200	8		
ć		,	Max	200	•				Su	Mo	Tu	We	Th	Fr	Sa		Su	Mo	Tu	We	Th	Fr	Sa
	c			200 We		с.	6 -	18					1	2	3	18					1	2	3
18	Su	1/10	TU	we	1n 1			19	4	5	6	7	8	9	10	19	4	5	6	7	8	9	10
18	4	5	6	7	8	9	-	20	11	12	13	14	15	16	17	20	11	12	13	14	15	16	17
20		-	-	, 14	-	-		21	18	19	20	21	22	23	24	21	18	19	20	21	22	23	24
21				21		_		22	25	26 2	27 3	28 4	29 5	30 6	31 7	22	25	26 2	27 3	28 4	29 5	30 6	31
22	25	26	27	28	29	30	31	23	T	2	2	4	ر	0	1	20	Ŧ	2	2	4	ر	0	
23	1	2	3	4	5	6	7																
																		_					
	M	lont	n ca	alen	dar	viev	v			Yea	r ca	lend	lar v	lew			Yea	rRar	nge	cale	nda	r vi	ew

When user clicks the event's date, WebScheduler will navigate to the selected date in Day view. When user clicks the event's subject, the event detail at the bottom will either be collapsed or expanded.

Due to the original purpose of Agenda view, which is to list the events detail, the events cannot be moved or resized. User can edit or delete the event by clicking Edit Event or Delete Event buttons respectively. User can also click View on my calendar button to navigate to the event's date in Day view. Note that Edit Event and Delete Event buttons will be displayed when the features are enabled.

Categories

You can specify a single category or multiple categories of each event in WebScheduler. The category exception is in Quarter and Year view, in both of the views the event(s) will not be visible.

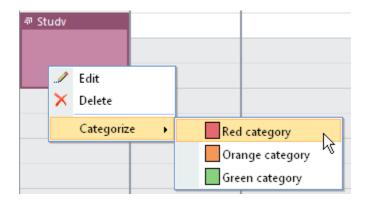


Manage category

The category management (add, edit and delete) is accessed through WebScheduler's EditingForm. You can also set category to the event through context menu (right click on event).

Before setting category to the event that you want, you should specify / add your desired category as WebScheduler does not provide initial / default category.

 Set multiple categories
 In order to set multiple categories to the event, simply select more than 1 category in the EditingForm categories' combo or alternatively, you can select the category one by one through the context menu.



	New Event O
 General Resource: Subject: Location: 	Add Category X Name: Purple category Color: Purple V
Start time: End time:	T Description: Category for T Add & Close
Importance: Categories:	Add Category Edit Category +
 Recurrence Description 	Name Description Red category Category for important event Orange category Category for planning event Green category Category for flexible event
(i) This event occurs	Delete Category

CallOut

One of the essential things in WebScheduler is CallOut. WebScheduler is using CallOut for displaying detail information and data editing (add, edit and delete).

AutoDetect

CallOut has the ability to automatically determine its position base on user click position. Developer will not need to worry about where the CallOut should appear, is there an enough space to show the CallOut, etc.

• EditingField

The flexibility of this CallOut is that you can specify / modify the CallOut's field and text through EditingField property.

INamedObject2 Collection Editor				? ×
Members: 0 Topic 1 Place 2 Explanation	 ◆ 	Explanation properti	Explanation	
		0	K Cano	cel:

	Sur	nday		Monday	.	Tues	day
		24		25			
					·		
9		Sunday, Ma	irc	h 09, 2008		х	Morning E
		Resource	:	Training 🗸 🗸]		<u>re</u>
		Topic	;	Technical Training			4
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10		Explanation	:	Penalty kick trainin	g		Morning E
				Add Event	Detail		11
		7/7	-P	06:00 AM Morning I	취06:00	D AM	l Morning l
11			-P	06:30 AM Morning E	ন্গ06:30	D AN	Morning E
				More		Mo	<u>ore</u>

- When CallOut will be shown.
 - Clicking on WebScheduler's cell in Day, Week and Month view.
 In this situation, you can add a new event or open EditingForm through CallOut
 - Clicking on WebScheduler's event in Day, Week and Month view.
 In this situation, you can edit or delete the event.
- Styles

Here are the styles uses in CallOut

- EditingButtonStyle
- EditingTextStyle

EditingTe	xtStyle	
Monday, Janua	ary 21, 2008	×
Resource :	Training 🔽	
Subject [:]		
Description [:]		
	Add Event Detail	
	EditingButtonStyle	

General Feature

• EnableAnimation.

This is another flexibility of CallOut, instead of having fade-in and fade-out animation. You can disable the animation, simply by setting the EnableAnimation property to False. TODO: How to

• EnableContextMenu.

With ContextMenu, you can have another way of navigation to add, edit or delete event(s), go to the "selected day" event in Day view, go to "today" event in Day view and set category(s) to the selected event. Simply by setting the EnableContextMenu to True and right click on WebScheduler cell / event in Day, Week and Month view, the ContextMenu will appear.

• ShowWeekNumber.

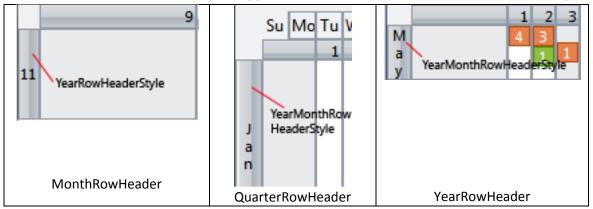
This feature provides you a way to determine whether or not you want to show the WeekNumbers in calendar(s) and scheduler.

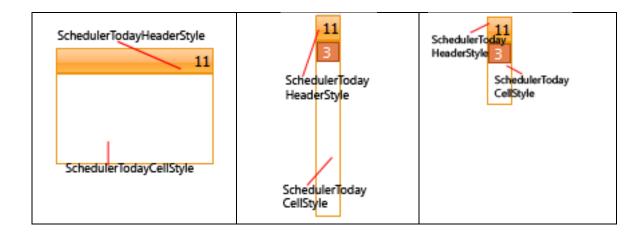
TODO: How to

• General Styles.

Note:

- Today's cell in Day and Week view is using TodayFrameLineStyle (GridLineStyle).
- SchedulerTodayCellStyle is applied for Month, Quarter and Year's today cell only.
- YearMonthRowHeaderStyle is applied for Month, Quarter and Year's RowHeader only.





			ViewHeaderStyle			Sche	dulerHeaderS	tyle			ViewHeaderF	rameStyle No	nWorkHourSty	/le	
Day		Week	Month	n Qua	arter	Year	Age	nda 🛛 🛠	Show	v work week	Show full wee	k			
\odot	Sur	nday, I	March 09	, 2008 -	Frida	ay, Mai	rch 14,	2008		WeekOptionFra	meStyle				
	10	Mo	onday	11	Tuesday	у	12	Wednesd	ау	13 T	hursday	14	Friday		~
4 AM			/	· ·	<u> </u>										~
		SchedulerTo	odayHeaderStyle				s	chedulerTod	ay All DayEve	ntArea					^
5 AM			,,												
	ন্স M	lorning Ex		퀵 Mornin	g Ex		퀵 Mornin	g Ex		쾨 Morning E	x				
6 AM		t Team)	취 Morning Ex	(First Tean	1	lorning Ex	(First Tear	a)	orning Ex	(First Team)	퀵 Morning Ex				
			(Sub Team)		(Sub			(Sub			(Sub Team)				
7 AM												Junior Day			
											-	Senior trair Junior in se			=
8 AM	ন্স M (Jun	lorning Ex	ercise				- 帚 Mornin (Junior)	g Exercise							
9 AM	bau														
10 AM															
11 AM	-														
12 PM		SchedulerTo	odayHourStyle					,	$\langle $						
1.014					_/										
1 PM															
	Schedu	llerFrameStyl	e	TodayFrameL	ineStyle (Gri	idLineStyle)				WorkHourStyle		1			

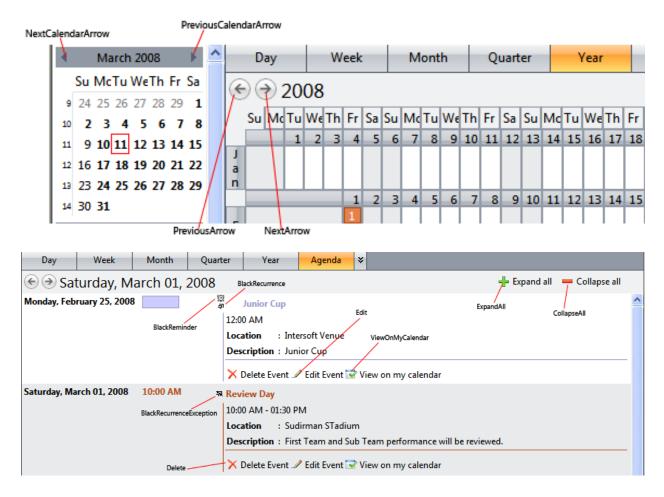
• ImagesSettings.

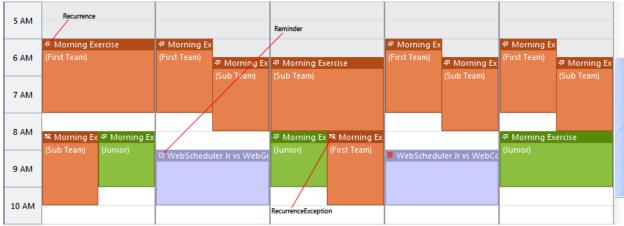
In WebScheduler, ImagesSettings property provides a way for developer to design virtually any kind of image(s) or styles as a significant added value for end user experience.

-	ImagesSettings	
	BlackRecurrence	BlackRecurrence.gif
	BlackRecurrenceException	BlackRecurrenceException.gif
	BlackReminder	BlackReminder.gif
	CollapseAll	collapse.gif
	Delete	delete.gif
	Edit	edit.gif
	ExpandAll	expand.gif
	NextArrow	BlackRightArrow.png
	NextCalendarArrow	blackright.gif
	PreviousArrow	BlackLeftArrow.png
	PreviousCalendarArrow	blackleft.gif
	Recurrence	recurrence.gif
	RecurrenceException	exception.gif
	Reminder	alarm.gif
	ResourcesDownArrow	blackdown.gif
	ViewOnMyCalendar	view.gif

Note:

- BlackReminder, BlackRecurrence and BlackRecurrenceException images are used in Agenda view only.
- Reminder, Recurrence and RecurrenceException images are used in Day, Week and Month view's event only.





EditingForm

WebScheduler's Editing Form is entirely powered by the company's flagship WebUI Studio.NET components to deliver the most sophisticated user interface for editing experience. From the design, look and feel perspective, WebScheduler's Editing Form is modeled in a very unique and innovative neutral theme which dramatically enhances user experience. By default, it casted deep alpha blended drop- shadow to strengthen the focus of the editing dialog box and its features. WebScheduler's Editing Form adopts "open architecture" model, which means you can edit the Form and customize it according to your needs.

The key objectives of the "open architecture" Editing Form is:

- Enable you to conveniently customize the styles, appearance, and layout of the Editing Form to suit your needs, as long as the controls and ID are not modified.
- Enable you to easily localize the textual elements used in the Form.
- Enable you to add more fields and custom validations according to your business scenario.
- Enable you to add more controls and possibility to use other third party controls in the Form.
- Enable you to control and customize the behaviors of existing controls, for example to disable an input field.

Currently, WebScheduler's EditingForm is designed using WebDesktop (WebDialogBox, WebContextMenu, WebCallOut), WebCombo and WebInput. WebScheduler's editing form is controlled by WebScheduler_Edit.js.

- Field that should not be empty in EditingForm. Here are the fields that should not be empty in EditingForm :

 - General section.
 - Resource.
 - Subject.
 - StartTime .
 - StartTimeInfo.
 - EndTime.
 - EndTimeInfo.
 - Important.
 - Recurrence section.
 - Daily recurrence.
 - NDay field if the daily's option 1 is selected.
 - Weekly recurrence.
 - NWeek field.
 - Should check at least 1 of the day's checkbox.
 - Monthly recurrence.
 - NDay field.
 - NMonth field.
 - Yearly recurrence

- Month field
- NDay field
- Disable Recurrence section.
 Recurrence section will be disabled if you would like to edit the recurrence's event however the edit only applied for the selected event only.

Work Week Settings

User can define the work days and work hour in WebScheduler. When specified, the non work hours will be rendered using different styles.

In WorkWeekSettings, user can specify the start time and end time of work hours. By default, the start time is set to 8 AM and end time is set to 5 PM. Using this configuration, the hours which is not included as work hours, will be considered as non work hours. This configuration can be seen in Day view and Week view. Note the difference between the following two screenshots to show how WebScheduler differentiate between work hour and non work hour.

24	Sunday	25	2008 - Satu Monday	26	Tuesday	27	Wednesday	28	Thursday	29	Friday	1	Saturday
		_								_			
1													
4													
4													
1													
-													

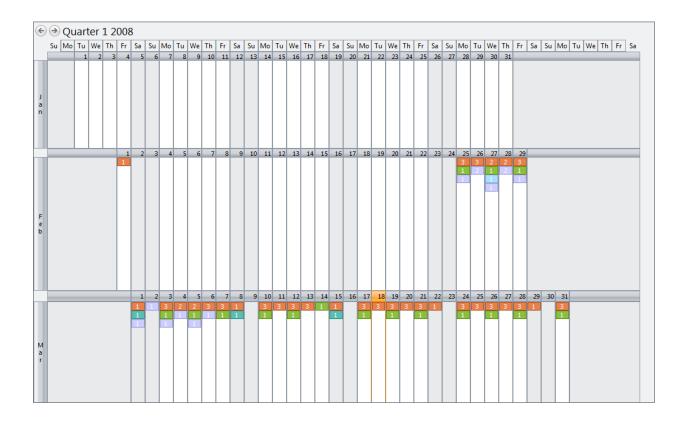
The above screenshot shows the work hours in full week mode of Week view.

25	ay, February 2 ^{Monday}	26	Tuesday	27	Wednesday	28	Thursday	29	Friday	
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AM										
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The above screenshot shows the work hours in work week mode of Week view. In Work week view mode, only the work days are displayed.

In WorkWeekSettings, user can specify which days are work days and vice versa. By default, Sunday and Saturday are set to non work days. In Default style, the non work hours will be rendered in darker color compared to work hours. This configuration can be seen in Day view, Week view, Quarter view and Year view.

The styles can be configured in WorkHourStyle and NonWorkHourStyle.



Culture

WebScheduler.NET supports various cultures, which can be specified in Culture properties. If the culture is not specified, WebScheduler.NET will use the default culture in the server.

In addition to culture feature, user can specify DateFormatString that will be used in every view as the header text. In all view except Quarter view, user can use .NET date format as the value DateFormatString.

In Day view, the default value of DateFormatString is D, which will display the header date in dddd, dd MMM yyyy format.

In Week view, the default value of DateFormatString is also D. Since the week view displays dates in weekly period, the header text format will be [StartDate] – [EndDate]. The dates will use the DateFormatString value specified.

In Month view, the default value of DateFormatString is MMM yyy.

Quarter view displays dates within a quarter periods. The default value of DateFormatString is [quarter] [year]. The [quarter] text will be replaced with the active quarter value. The [year] text will be replaced with the active year value. Custom text settings can be added in this property so user can have custom header text for Quarter view.

In Year view, the default value of DateFormatString is yyyy.

In Agenda view, the default value of DateFormatString is D, which will display the header date in dddd, dd MMM yyyy format. User can also specify the event's DateFormatString using ItemDateFormatString, which default value is also D.

Text Settings

User can customize WebScheduler text areas to use custom text according to their needs.

Various text settings that can be customized in view header area are:

- DayText: the text for Day view header
- WeekText: the text for Week view header
- MonthText: the text for Month view header
- QuarterText: the text for Quarter view header
- YearText: the text for Year view header
- AgendaText: the text for Agenda view header
- DayTabView: the tooltip text for Day view header
- WeekTabView: the tooltip text for Week view header
- MonthTabView: the tooltip text for Month view header
- QuarterTabView: the tooltip text for Quarter view header

- YearTabView: the tooltip text for Year view header
- AgendaTabView: the tooltip text for Agenda view header
- ExpandCalendarText: the tooltip text for ExpandCalendar button
- CollapseCalendarText: the tooltip text for CollapseCalendar button
- MenuTabViewText: the tooltip text for menu tab view
- ShowFullWeekText: the text for Show full week radio button
- ShowWorkWeekText: the text for Show work week radio button

DayText	WeekText	MonthText	QuarterText	YearText	AgendaText	ShowFull	WeekText	ShowWorkWeekText
> Day	Week	Month	Quarter	Year	Agenda	Show w	ork week 💿	Show full week
Expand calendar]							
ExpandCalendarT	ext							
CollapseCalendarTex	:	MonthTabVie	w	YearTabView	Me	nuTabViewTe	đ	
Collapse calendar		Month view]	Year view		Show menu		
< Day	Week	Month	Quarter	Year	Agenda 3	Show w	ork week 🔘	Show full week
Day view	Week view WeekTabViev]	Quarter view]	Agenda view			

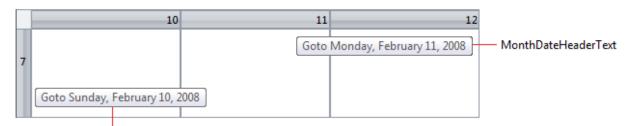
User can customize the tooltip text of date header in Week view using WeekViewDateHeaderText property.

WeekViewDateHeaderText

27	Sunday	28	Monday		29	Tuesday	
			Goto Monday,	Janu	uary 28,	2008	

Various text settings that can be customized in Month view are:

- MonthDateHeaderText: the tooltip text for date header
- YearMonthRowHeaderMonthViewText: the tooltip text for row header



YearMonthRowHeaderMonthViewText

Various text settings that can be customized in Quarter view are:

- Quarter1Text: the text for Quarter 1 header text
- Quarter2Text: the text for Quarter 2 header text
- Quarter3Text: the text for Quarter 3 header text
- Quarter4Text: the text for Quarter 4 header text

The above text settings will replace the [quarter] value in DateFormatString property of Quarter view. The replacement depends on the active quarter viewed by user.

Various text settings that can be customized in Year view are:

- YearDayOfWeekText: the tooltip text for date header
- YearMonthRowHeaderYearQuarterViewText: the tooltip text for row header

		1	2	3	4	- 5	- 6	- 7	8	9	10	11	12	13	_14	-15	16	17	-18	19	_20	21	22	_23
F e b Goto	Feb 2008				G	oto I	Mon	day, l	Febr	uary	04, 2	008												

YearDayOfWeekText

YearMonthRowHeaderYearQuarterViewText

Various text settings that can be customized in Agenda view are:

- ExpandAllText: the text for Expand All link in header
- CollapseAllText: the text for Collapse All link in header
- EditEventText: the text for Edit Event link in event detail
- DeleteEventText: the text for Delete Event link in event detail
- ViewOnMyCalendarText: the text for View On My Calendar link in event detail

		EditEv	entText ViewO	nMyCalendarText	ExpandAllText	CollapseAllText
	€ Э Sunday, March 02, 2008				🕂 Expand all 🔹	Collapse all
DeleteEventText —	Monday, March 03, 2008 08:00 AM	■ P Computer class 08:00 AM - 10:00 AM Location : London university Description : London				<u> </u>
		🗙 Delete Event 🥒 Edit Event 📝	View on my cale	ndar		
	Monday, March 03, 2008 10:00 AM	₱ Design class				¥

Various text settings that can be customized in event element are:

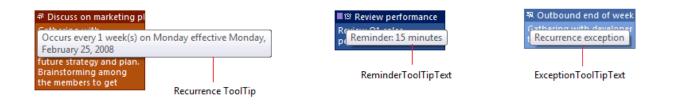
- ReminderToolTipText: the tooltip text for reminder icon
- ExceptionToolTipText: the tooltip text for recurrence exception icon
- Recurrence ToolTip

The following text settings is used as the tooltip text of recurrence image according to its recurrence pattern:

- > DailyNDayToolTipText: the tooltip text for events which recurs every n day
- > DailyWeekDayToolTipText: the tooltip text for events which recurs every weekday
- > WeeklyToolTipText: the tooltip text for events which recurs every week
- MonthlyToolTipText: the tooltip text for events which recurs every month
- YearlyToolTipText: the tooltip text for events which recurs every year

The following text settings will be combined with previous text settings if and end is specified for the recurring event:

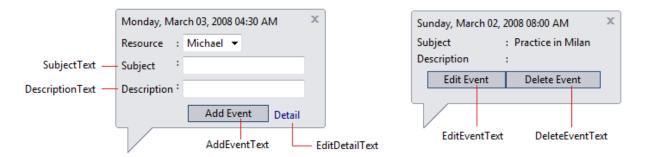
- EndAfterNRecurrenceToolTipText: the tooltip text for events that ends after n recurrence
- > EndByDateToolTipText: the tooltip text for events that have end date



Various text settings that can be customized in CallOut are:

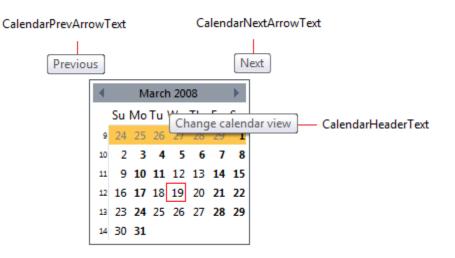
- SubjectText: the text for Subject field
- DescriptionText: the text for Desription field
- LocationText: the text for Location field
- AddEventText: the text for AddEvent button
- EditEventText: the text for EditEvent button
- DeleteEventText: the text for DeleteEvent button

- EditDetailText: the text for Detail link

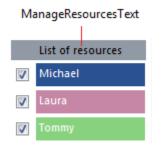


Various text settings that can be customized in calendar are:

- CalendarHeaderText: the tooltip text for calendar header
- CalendarPrevArrowText: the tooltip text for previous arrow
- CalendarNextArrowText: the tooltip text for next arrow



User can customize the Manage Resource text in Resources section using ManageResourcesText property.



Resources

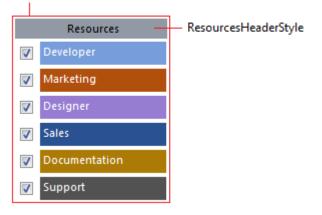
Every event belongs to a resource. The list of resources will be displayed in the Resources section under Calendar section.

	Resources					
1	Developer					
1	Marketing					
1	Designer					
1	Sales					
V	Documentation					
V	Support					

Here are the styles used in Resources section:

- ResourcesFrameStyle
- ResourcesHeaderStyle

ResourcesFrameStyle



Resource Concept

WebScheduler.NET supports multiple resources, means that user can specify more than one resource. Every event will be displayed using its resource color so user can easily differentiate which events with different resources.

If the resources are not bound, default resource will be used. All events will be added to the default resources. User will not be able to add new resource if the resources are not bound.

If the resources are bound to a table or a collection but there are no resources specified, default resource will not be used. At least one resource has to be added before user can add an event.

User can hide or show resources' events simply by clicking the resource's checkbox. When it's checked, the resource's events will be displayed, and when it's unchecked, the resource's events will be hidden.

User can manage the resources using the provided editing form. User can click the plus button to add new resource, click the edit button to edit a resource, or click the delete button to delete a resource.

		New Ev	rent		0
-	General Resource:	▼ + Name D) as crimitian		ß
	Subject: Location:	Developer D Marketing N	Description Developer Division Marketing Team Designer Division		
	Start time: End time:	Mon 02/25/2008 O9:00 Mon 02/25/2008 09:30	 All day event Reminder: None 	 ▼ 	
	Importance: Categories:		• +		
+	Recurrence Description				
				~	
(j	This event occurs in	the past.	Save & Close	Cancel	

User can add new resource or edit existing resource using the resource callout.

Event

Events in WebScheduler can be divided into two types:

- Time-based Event
- All-day Event

Time-based Event

Events that fall into this category are events that have start time and end time within the same day.

For example:

[Time-based Event]

Start Time	: February 5 th 2008, 7.30 AM
End Time	: February 5 th 2008, 8.30 AM

In Day View and Week View

7 AM	Time-based Event
8 AM	
9 AM	

In Day View and Week View, a time-based event will be placed in the hour content area. User can move a time-based event to a specific day and / or time by dragging the item into a specific position.

	Time-based Event		
7 AM		Drag	to move the event
8 AM			

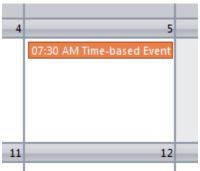
When the item is being drag, the opacity of the item will be lower like the picture above, indicating where the position will be when it is dropped.

User can also resize the item to controls its time-range / duration, by dragging the resize-indicator at the bottom of the item.

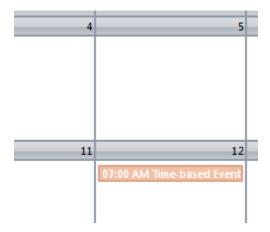
7 AM	Time-based Event	
8 AM		
9 AM		
10 AM		
11 AM		
12 PM		e time duration

When the item is being resized, the opacity of the item will be lowered too as in the picture above, indicating the time-range / duration when it is dropped.

In Month View



In Month View due to the nature of month view, user can't resize the time-range / duration of an item. However user can still move the item from one day to another day by drag-drop from one cell to another cell as follows.



We move item from February 5th 2008 to February 12th 2008. The start time and time-range / duration remain the same, only the date is changed.

In Agenda View		
Tuesday, February 05, 2008	07:30 AM	Time-based Event
		07:30 AM - 09:30 AM
		Location :
		Description :
		➤ Delete Event 🥒 Edit Event 💽 View on my calendar

In Agenda View, user will see something like the picture above (the item is in **expanded mode**). User can collapse or expand the item by clicking the event's subject.

In *collapse mode* it will look as follows:

Tuesday, February 05, 2008 07:30 AM Time-based Event

For time-based event, the item will show the start-time of that item in the header. In this case it show 07:30 AM, because the start time of the event is 07:30 AM.

As you can see there are three action buttons at the bottom of the item (*when the item is expanded*), they are:

- Delete Event button Delete the event from all views
- Edit Event button Edit the event (showing the editing form)
- View on my calendar
 Go to Day-View mode that contains the item

All-day Event

Events that fall into this category are events that marked as an all-day event or an event that has end date larger than start date.

For example:

[All-day Event 1]	
Start Time	: February 6 th 2008
End time	: February 6 th 2008
AllDayEvent	: true
[All-day Event 2]	
Start Time	: February 6 th 2008, 05.30 AM
End Time	: February 7 th 2008, 08.30 AM
AllDayEvent	: false

In Day View and Week View

6	Wednesday	7	Thursday	8
	All Day Event 1			
	All Day	Event 2		

In Day View and Week View, an all-day event will be placed in the all-day event area. However, only in Week view, user can resize all-day event. User can resize the time-range or duration of specific event by dragging the left and / or right indicator of the event.

6	Wednesday	7	Thursday	8	Friday	9
•			All Day Event 1			•
	All Day	Even	t 2			

If the event's start time is beyond the current view's date range, the indicator will not be displayed. Therefore user will not be able to resize it. The same thing applied when the event's end time is beyond the current view's date range, the indicator will not be displayed too.

In Month View

5	6	7
	All Day Event 1	
	All Day	Event 2

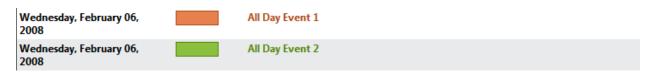
In Month View user can't perform any action to an all-day event. When the time-range is quite large it will be expanded to other rows as follow.

¢	• → Mar 2008						
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
,		26	27	28	29	1	
				Junior Cup			
		09:00 AM WebScheduler J		■09:00 AM WebScheduler J		05:00 PM WebScheduler F	
9							
	3	4	5	6	7	8	
,		Junic	or Cup			05:00 PM WebInput FC vs V	
5							
3 10							
<mark>)</mark>							
				42			

In Agenda View		
Wednesday, February 06, 2008		All Day Event 1 12:00 AM Location : Description : X Delete Event Edit Event View on my calendar
Wednesday, February 06, 2008	-	All Day Event 2 Edit Event 2 View on my calendar All Day Event 2 O5:30 AM - 08:30 AM Location : Description : X Delete Event 2 Edit Event 2 View on my calendar

In Agenda View, user will see something like the picture above (the item is in **expanded mode**). User can collapse or expand the item by clicking the header of the item.

In *collapse mode* it will look as follows:



For all-day event, the item will show a square indicating that the item is an all day event item.

Recurring Events

WebScheduler.NET also supports a recurring event. There are five types of recurrence that supported by WebScheduler.NET:

- Daily [Every x days]
- Daily [Every week days]
- Weekly
- Monthly
- Yearly

Daily [Every x days]

In Daily [Every x days], the event will recur every x days starting from the original event's start time.

Recurrence pattern		
No recurrence	every 2 days(s)	
Oaily	Every weekday(s)	
Weekly		
Monthly		
Yearly		

$\textcircled{\hspace{0.1cm}}{\Big{\end{array}}}}}}}}}}}}})}}}}}}}}}}}}}}}}}}}}}$	Mond	lay, Decen	nber 3	1, 2007 - S	unday	, January 06	5, 2008							
	31	Monday	1	Tuesday	2	Wednesday	3	Thursday	4	Friday	5	Saturday	6	Sunday
					_				-		_		_	
12 AM					_				_				_	
			_		-									
1 AM			ন্স Dai	lv Everv 2 Davs			취 Dai	ly Every 2 Days			ন্স Dai	ly Every 2 Days		
2 AM														
- 000														

Daily [Every week days]

In Daily [Every week days], the event will recur every week day starting from the original event's start time. Days that are categorized as week days are Monday, Tuesday, Wednesday, Thursday and Friday.

Recurrence pattern	
No recurrence	Every days(s)
Daily	Every weekday(s)
Weekly	
Monthly	
Yearly	

	31	Monday	1 Tuesday	2 Wednesday	3 Thursday	4 Friday	5 Saturday	6 Sunday
2 AM								
1 AM								
2 AM								
3 AM								
4 AM			최 Daily Every Weekdays	취 Daily Every Weekdays	취 Daily Every Weekdays	취 Daily Every Weekdays		
5 AM								

Weekly

In Weekly recurrence pattern, you can determine on what day that the event will recur. You can also specify when it will recur (every x weeks).

day
6
13
20
27
3
10

Monthly

In Monthly recurrence pattern, you can determine on what day and every what month the event will recur.

Recurrence pattern	
No recurrence	Day 15 of every 2 month(s)
Daily	
Weekly	
Monthly	
Yearly	
-	

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	Su N	10																																	Sa	Su I	Mo	Tu V	Ve Tł	n Fr	Sa
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-	-	-	-	-	-	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	- 29	-	-	_	-	_	_	_
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					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
м																			1																						
a y																																									
-	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				_							_
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Yearly

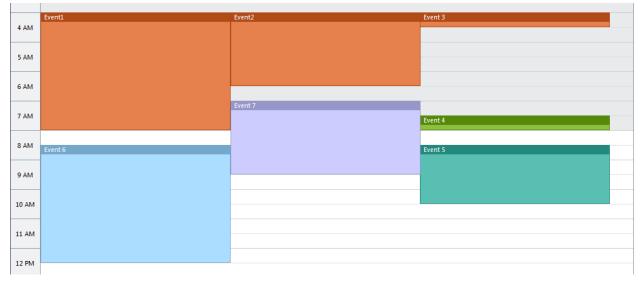
In Yearly recurrence pattern, you can determine on what specific day and month the event will recur every year.

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Overlapping Concept

WebScheduler.NET offers sophisticated overlapping resolution. When some events overlapped each other, WebScheduler.NET's rendering engine will sort-out an overlapping resolution so all the events can still be visible.





This is a sample result when we placed some events that overlapped each other in day view.

Month View

In month view, all the events in a specific day will be placed in one cell. If the events is quite large (larger than the space available, there will be a more button where user can use to show all the events.



Event Caching Mechanism

When a data is loaded, it will be saved in temporary cache. The cache is differentiated per view, and each cache per-view will hold up to twelve block of data as illustrated below.

Day View	[2008.01.01]						
	[2008.01.02]						
	[2008.05.05]						
	[2008.05.06]						
	[2008.07.07]						
	[2008.07.11]						
	[2008.08.15]						
	[2008.09.20]						
	[2008.11.21]						
	[2008.11.22]						
	[2008.11.23]						
	[2008.11.24]						
Week View	{Empty}						
Month View	[2008.03]						
	[2008.04]						
	[2008.05]						
Quarter View	{Empty}						
Year View	{Empty}						
Agenda View	{Empty}						

When a new event is loaded up and the cache is already full (12 items already), the first item in the cache will be discarded, following a concept of FIFO (First In First Out).

During some data editing process, there will be a smart cache validation that will also update the data on other cache or will invalidate the caches.

Event Styles

The style used in All-day event is AllDayEventStyle.

Here are the styles used in time-based event (TimeBasedEventStyle):

- HeaderStyle
- ContentStyle

