

OnTime SDK Samples

The OnTime SDK Samples zip file contains three samples that demonstrate using the OnTime SDK with different technologies. The three samples consist of:

1. OnTimeSdkWinSample – a windows application using Windows Forms
2. OnTimeSdkWebSample – a web application using the Yahoo! UI library
3. FlexChart – a Flash-based web application using the Adobe Flex application framework

Requirements

Before using the OnTime SDK samples you need to install the OnTime SDK web services. After installing the SDK you will need to connect to a database and set up a security token GUID (please refer to the OnTime SDK help). The security token GUID will be required for all the SDK sample applications.

SDK Samples

OnTimeSdkWinSample

This sample is a simple Windows application that mimics the OnTime Windows user interface. The sample lists the projects, customers, or users of OnTime on the left side, the defects for the selected project, customer, or user, in a grid on the right side. Underneath the grid, details for the selected defect are shown in three tabs, listing attachments, work logs, and related items. The application lets you add and delete defects, attachments, work logs, and item relations.

Configure and Build

To run the sample you will need to open the solution in Visual Studio 2005. You will need to edit the 'app.config' file and modify the security token GUID to match the security token GUID created when the SDK was configured. You will also need to modify the URLs for the SDK services listed under the 'applicationSettings' tag. Once you've made the modifications you can build and run the application.

OnTimeSdkWebSample

This sample is a Web application that uses the Yahoo! UI Library and mimics the layout of the OnTime Web user interface. The sample lists the projects, customers, or users of OnTime on the left side, the defects for the selected project, customer, or user, in a grid on the right side. Underneath the grid, details for the selected defect are shown in three tabs, listing attachments, work logs, and related items. The application lets you add and delete defects, attachments, work logs, and item relations.

Yahoo! UI

The sample uses the Yahoo! UI library for the user interface components, and highlights the following components:

1. Calendar
2. Connection Manager
3. Container (Dialog)
4. DataTable
5. Menu
6. TabView
7. TreeView

The sample loads the Yahoo! UI scripts directly from Yahoo!'s servers, however, the scripts can be downloaded and included locally. To download the Yahoo! UI library, or for more information about it please see <http://developer.yahoo.com/yui/>

Configure and Build

To run the sample you will need to open the solution in Visual Studio 2005. You will need to edit the 'web.config' file and modify the security token GUID to match the security token GUID created when the SDK was configured, under the 'appSettings' section. You will also need to modify the URLs for the SDK services listed under the 'applicationSettings' tag. Once you've made the modifications you can build the application and browse to the 'default.aspx' page.

FlexChart

This sample is a Flash-based Web application that uses the Adobe Flex framework to create a dashboard-like page with charts of OnTime data for selected users. The sample lists the users on the left side, and shows a graph of items assigned to the selected user by status or priority on the right side. When a section of the pie chart is selected, a second chart is displayed on the bottom showing items by either status if the top chart is priority, or by priority if the top chart is status. The data can be filtered by project and item type.

Adobe Flex

The sample is a Flash-based application and uses the Adobe Flex application framework. Adobe provides a 30-day trial of their Flex Builder which can be used to develop the Flex application. The Flex application gets its data from a set of Web services which in turn use the OnTime SDK to get the data it needs. The main reason for the wrapper Web services included with the sample is that Adobe Flex does not work with .NET DataSets, which the OnTime SDK uses to return data. The wrapper Web services are used to get the data from the SDK and return array of objects to the Flex application. To download Adobe Flex, or for more information about it please see <http://www.adobe.com/products/flex/>

Configure and Build

The Web services application can be opened as a Web Site in Visual Studio from the main folder. You will need to edit the 'web.config' file and modify the security token GUID to match the security token GUID created when the SDK was configured, under the 'appSettings' section. You will also need to modify the URLs for the SDK services listed under the 'appSettings' tag. The sample also needs to know the URL to your OnTime Web installation (if you have it installed), as it allows the user to double-click an

item and have it open in OnTime. You can change the URL in the 'OnTimeWebUrlBase' tag in the 'appSettings' section.

The Flex application is in the FlexChartDemo01 folder and can be opened as a project from Flex Builder or Eclipse. When you compile the Flex application you can run it from Flex Builder, or copy the files from the 'bin' subfolder to the main FlexChart folder, rename the FlexChartDemo01.html to Default.html and browse to the web site.