



ID	CS001230	Creation date	January 14, 2009
Platform	S60 5th Edition	Tested on devices	Nokia 5800 XpressMusic
Category	Web Runtime (WRT)	Subcategory	PIM

Keywords (APIs, classes, methods, functions): device.getServiceObject(), Service.Calendar.GetList()

Overview

This code snippet demonstrates how to use the Calendar Service API for Web Runtime (introduced in S60 5th Edition) to add and delete calendars.

To obtain access to a service object for the Calendar Service API, the `device.getServiceObject("Service.Calendar", "IDataSource")` method is used.

Source: Relevant HTML components

```
<label for="calendarList">Calendars:</label><br />
<select size="2" id="calendarList" onclick="showEvents();"></select><br />

<input type="button" value="Add" id="add" onclick="addCalendar();">
<input type="button" value="Delete" id="delete" onclick="deleteCalendar();">
```

Source: JavaScript file

```
var serviceObj = null;

window.onload = init;

// Initializes the widget
function init() {
    // Obtain the service object
    try {
        serviceObj = device.getServiceObject("Service.Calendar",
            "IDataSource");
    } catch (ex) {
        alert("Service object cannot be found.");
        return;
    }
}
```

CS001230_-_Adding_and_deleting_calendars_in_WRT

```
listCalendars();
}

function listCalendars() {
    // Listing calendars is omitted here for brevity. Refer to the See also
    // section for the code snippet that provides you with more information.
    // ...
}

function addCalendar() {
    var calName = prompt("Please enter the calendar name", "C:NewCalendar");
    if (calName == "" || calName == null) {
        return;
    }
    var criteria = new Object();
    criteria.Type = "Calendar";

    var item = new Object();
    item.CalendarName = calName;
    criteria.Item = item;

    try {
        var result = serviceObj.IDataSource.Add(criteria);
        if (result.ErrorCode != 0){
            alert("Error in adding a new calendar");
        }
        listCalendars();
    } catch (ex) {
        alert("Error in adding a new calendar: " + ex);
    }
}

function deleteCalendar() {
    var calendarList = document.getElementById("calendarList");
    var calName = "";
    for (var i = 0; i < calendarList.options.length; i++) {
        if (calendarList.options[i].selected) {
            calName = calendarList.options[i].value;
        }
    }
    if (calName == "" || calName == null) {
        return;
    }
    var criteria = new Object();
    criteria.Type = "Calendar";

    var delData = new Object();
    delData.CalendarName = calName;
    criteria.Data = delData;

    try {
        var result = serviceObj.IDataSource.Delete(criteria);
        if (result.ErrorCode != 0){
            alert("Error in deleting the calendar");
        }
        listCalendars();
    } catch (ex) {
        alert("Error in deleting the calendar: " + ex);
    }
}
```

Postconditions

The user can add and delete calendars by pressing the Add and Delete buttons.

Supplementary material

You can view the source file and executable application in the attached ZIP archive. The archive is available for download at [Media:Adding and deleting calendars in WRT.zip](#).

See also

[CS001278 - Listing calendars in WRT](#)