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Category	Flash Lite	Subcategory	S60 Platform Services

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Overview

The following code snippet demonstrates how to use the Contact Service API in a Flash Lite 3.0 application to organise the contacts in the phonebook (supported from S60 5th Edition onwards).

Preconditions

Note: The test device must have at least two contacts at the phonebook.

Source

```
// Import the Platform Service Interface
import com.nokia.lib.Service;

// Heading of the application
heading_txt.text = "Group Contacts";

// Create a new Service object which has Calendar data
var contact = new Service("Service.Contact", "IDataSource");

// At the first, create a new Group called "FirstTwo"
// Define input parameters for the group
var group = {GroupLabel:"FirstTwo"}
var inAddParams = {Type:"Group", Data:group};

// Define the result data
var outAddParams = contact.Add(inAddParams);

// Check if adding the group was a success
if (outAddParams.ErrorCode == 0) {
    outAddParams.Value
```

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```
        text_txt.text += "Group added!\r";
    } else {
        var errorId = outAddParams.ErrorCode;
        text_txt.text += "Error while adding group: "+errorId+"\r";
    }

    // At the second, get a list of contacts
    var inListParams = {Type:"Contact"};
    // Define result value for the list
    var outListParams = contact.GetList(inListParams);
    if (outListParams.ErrorCode == 0) {
        var outList = outListParams.ReturnValue;
        var outputEntry = null;
        var contactIdList:Array = new Array();
        var nameList:Array = new Array();
        do {
            outputEntry = outList.next();
            if (null != outputEntry) {
                // Get the lists of IDs and firstname to Arrays
                contactIdList.push(outputEntry.id);
                nameList.push(outputEntry.firstName["Value"]);
            } else {
                break;
            }
        } while (true);
    } else {
        // if errors, copy them to the textfield
        var errorId2 = outListParams.ErrorCode;
        text_txt.text += "Error while listing contacts: "+errorId2+"\r";
    }

    // At the third, get a list of groups and pick the ID of the group called
    // "FirstTwo"
    var inListGroupParams = {Type:"Group"};

    // Define the result value for the list of groups
    var outListGroupParams = contact.GetList(inListGroupParams);
    if (outListGroupParams.ErrorCode == 0) {
        var groupOutList = outListGroupParams.ReturnValue;
        var groupOutputEntry = null;
        text_txt.text += "Groups: \r";
        do {
            groupOutputEntry = groupOutList.next();
            if (null != groupOutputEntry) {
                text += "- "+groupOutputEntry.GroupLabel+"\r";
            }
            if (groupOutputEntry.GroupLabel == "FirstTwo") {
                var groupId = groupOutputEntry.id;
            }
        } while (true);
    } else {
        // if errors, copy them to the textfield
        var errorId2 = outListParams.ErrorCode;
        text_txt.text += "Error while listing groups: "+errorId2+"\r";
    }

    // Take the first two contacts from the phonebook to the group called "FirstTwo"
    var idList = [contactIdList[0],contactIdList[1]];
    text_txt.text += "Organized contacts: \r"+nameList[0]+", "+nameList[1)+"\r";
```

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```
// Define the input parameters
var inputData = {id:groupId, IdList:idList};
var inParams = {Type:"Group", Data:inputData, OperationType:"Associate"};

// Define the result value
var outParams = contact.Organise(inParams);
// Check if organise success
if (outParams.ErrorCode == 0) {
    txxxxt*. "Success!";
} else {
var errorId3 = outParams.ErrorCode
    txxxxt*. "Error while grouping: "+errorId3;
}
```

Postconditions

All groups in the phonebook, and organized contacts, are displayed. A new group called "FirstTwo" can be found from the phonebook and the group contacts two contacts which are the first two in the default phonebook.

Example application

The following sample application has been tested in Nokia 5800 XpressMusic (S60 5th edition, Flash Lite 3.0).

[File:FlashLite Organise Contacts.zip](#)

See also

- [Flash Lite Developer's Library](#)