Code Formatting

Servoy provides options for code formatting. They are described in further detail in this chapter.

In This Chapter

Formatting Code on Save

A project's code can be automatically formatted (line breaks, indentations, etc) on save. To do this, the project-specific settings must be activated:

1. In Solution Explorer, select the currently active project and access the context menu (right-click).
2. Click on **Properties** at the bottom.
3. In the **Javascript** node, under Editor, click on **Save Actions.**
4. Click the checkbox to **Enable project specific settings**. The checkbox option for Format source code on save will be un-grayed.
5. Click the checkbox to **Format source code on save.**
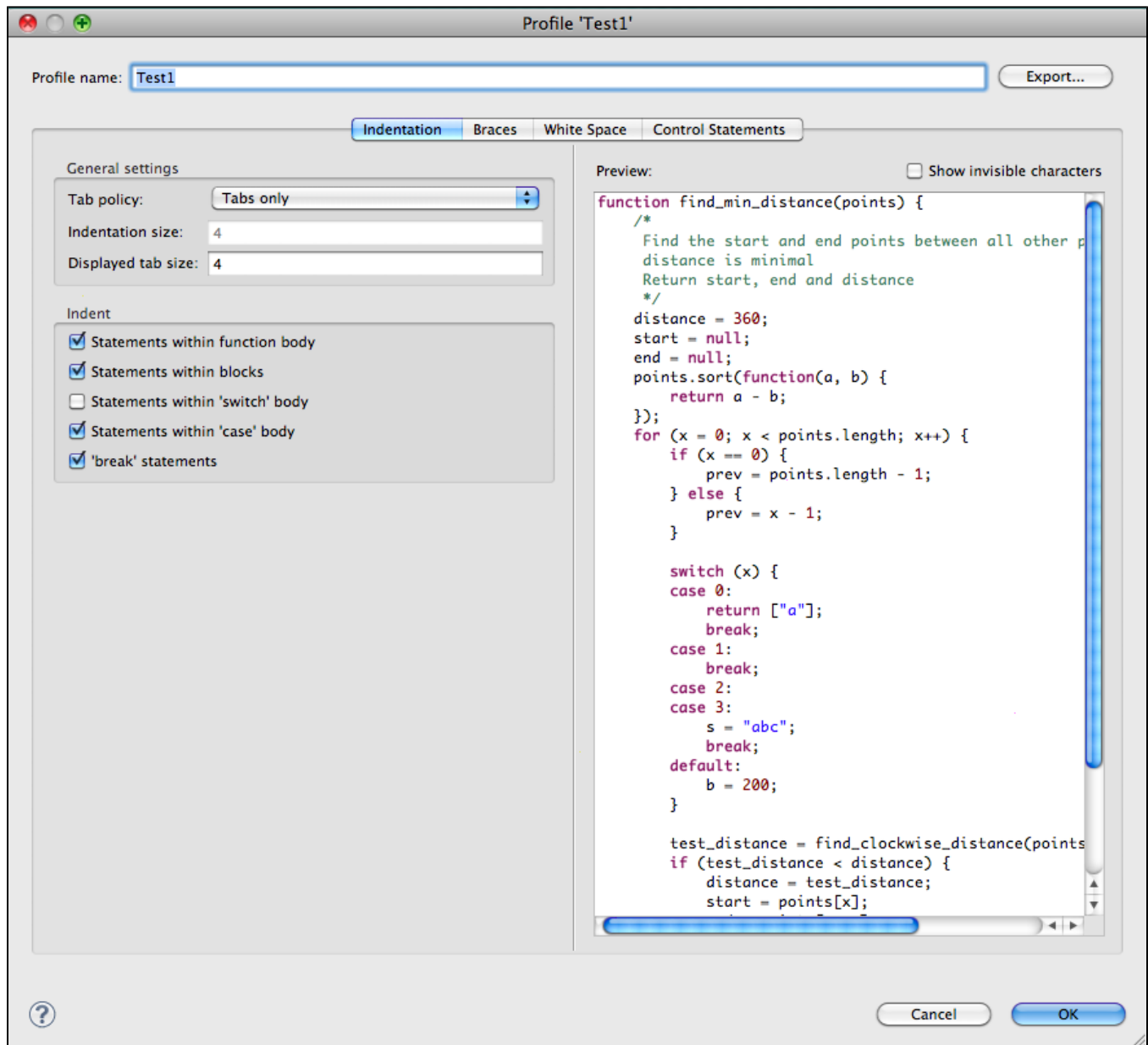
Project-Specific Formatting

Different format profiles can be set for different projects. The information is saved to the SVN in team development environments, allowing all developers working on a project to use the same format profile.

To set a project-specific format profile:

1. In Solution Explorer, select the currently active project and access the context menu (right-click).
2. Click on **Properties** at the bottom.
3. In the **Javascript** node, under Editor, click on **Formatter.**
4. Click the checkbox to **Enable project specific settings.**
5. Select a profile from the Drop-down list, or create/import a new profile using the respective buttons. (Note that you can also click on Edit to edit the default format profile.)

> ⓘ **Note:** If you select **New**, you will be prompted to type in a Profile name with the option to open the Edit Profile dialog. This dialog provides customizable options for general settings, Indents, Braces, White Space, and Control Statements. See image below.

Profile 'Test1'

Profile name: Test1   Export...

Indentation | Braces | White Space | Control Statements

General settings

Tab policy: Tabs only
Indentation size: 4
Displayed tab size: 4

Indent

☑ Statements within function body
☑ Statements within blocks
☐ Statements within 'switch' body
☑ Statements within 'case' body
☑ 'break' statements

Preview: ☐ Show invisible characters

```
function find_min_distance(points) {
    /*
    Find the start and end points between all other p
    distance is minimal
    Return start, end and distance
    */
    distance = 360;
    start = null;
    end = null;
    points.sort(function(a, b) {
        return a - b;
    });
    for (x = 0; x < points.length; x++) {
        if (x == 0) {
            prev = points.length - 1;
        } else {
            prev = x - 1;
        }

        switch (x) {
        case 0:
            return ["a"];
            break;
        case 1:
            break;
        case 2:
        case 3:
            s = "abc";
            break;
        default:
            b = 200;
        }

        test_distance = find_clockwise_distance(points
        if (test_distance < distance) {
            distance = test_distance;
            start = points[x];
```

Cancel   OK

Force Formatting the Code Base of Entire Projects

Several projects can be formatted at once using the following steps:

1. Open the Script Explorer View using the main menu **Window** > **Show View** > **Other** > **Dynamic Languages** > **Script Explorer.**
2. Select the project(s) on which you want to perform the formatting.
3. Right-click to access the context menu (make sure your mouse pointer is hovering on top of a selected project).
4. Click on the menu item **Source** > **Format.**