SCADA RedLogin Application

Steps to register Login in disk:

1. Via Organizer, at **Tags** item, add a RAM tag LoginType.
2. Still at Organizer, add a historic. On **General** tab, set the .dat file that will keep the data and the maximum amount of records, and set **Write Time** option as 0 ms. Then, uncheck **Use the Write Time to save records** option.
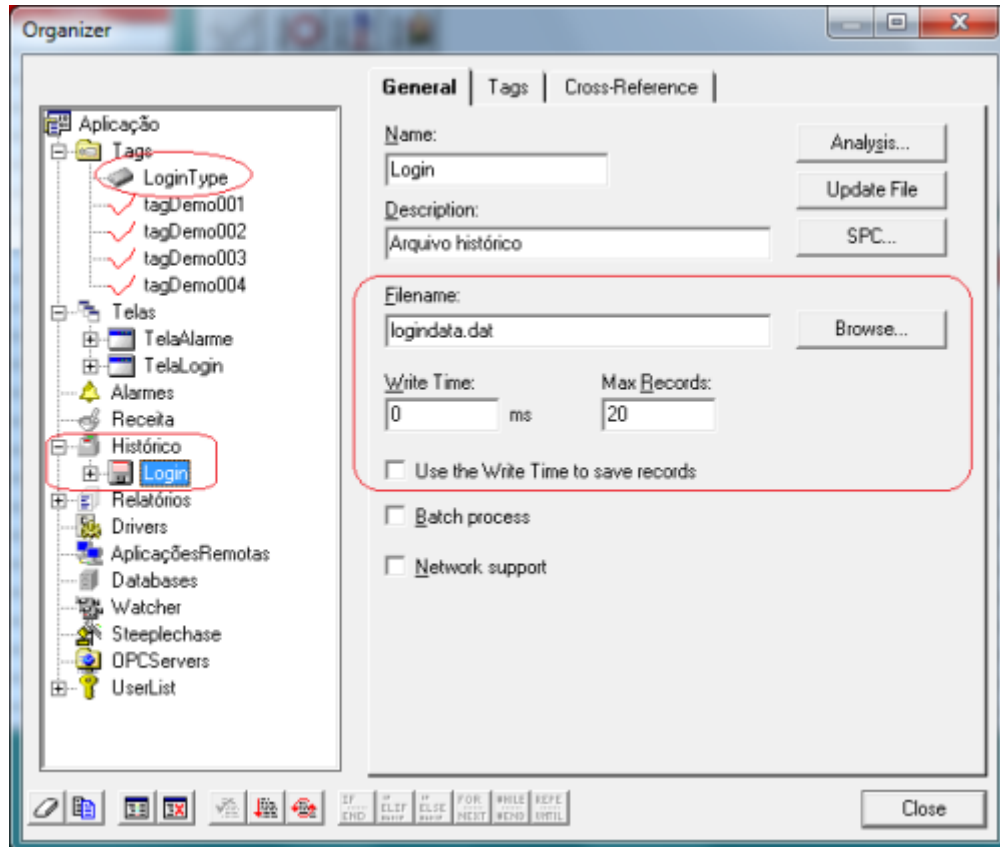3. On Tags tsb, link the following tags: Aplicação.userName and Tags.LoginType.

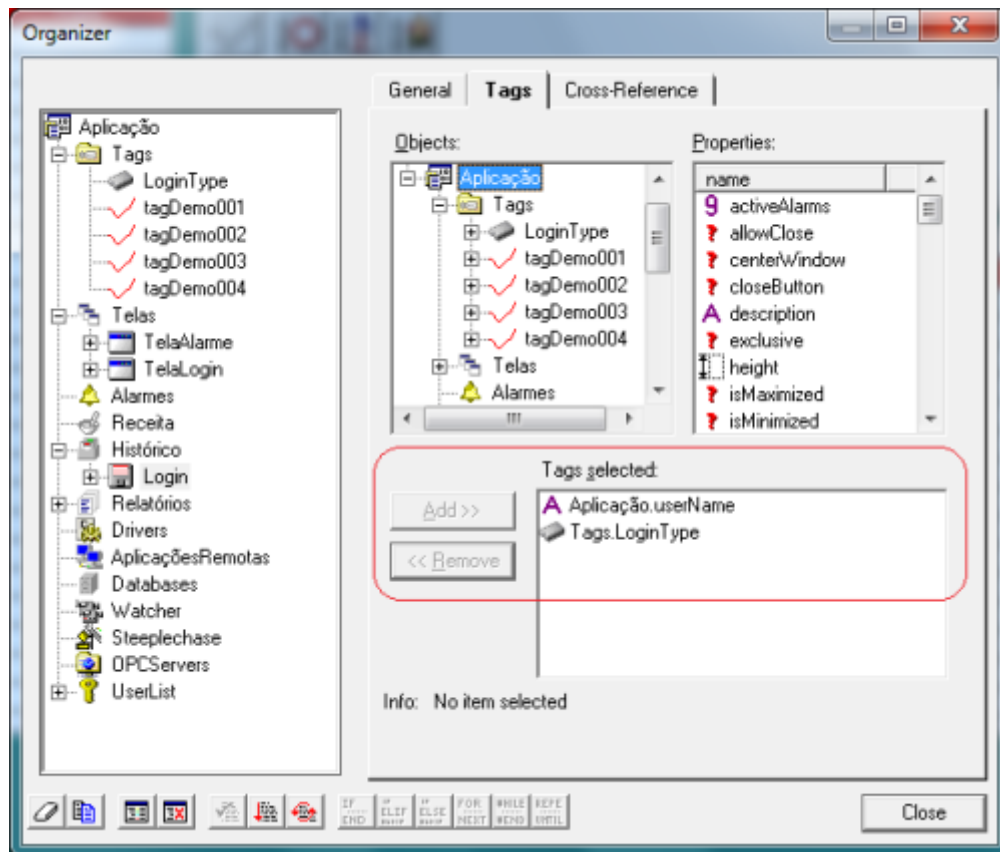**Figure 1: Login historic settings**

Figure 2: Tags settings

4. After these changes, click **Update File**, on **General** tab.

5. Add a Browser onto screen, called Browser1, and set it up according to the .dat file created by Login's historic.

6. On Aplicação item's **Script** tab, select OnUserLogin event and type the script below:
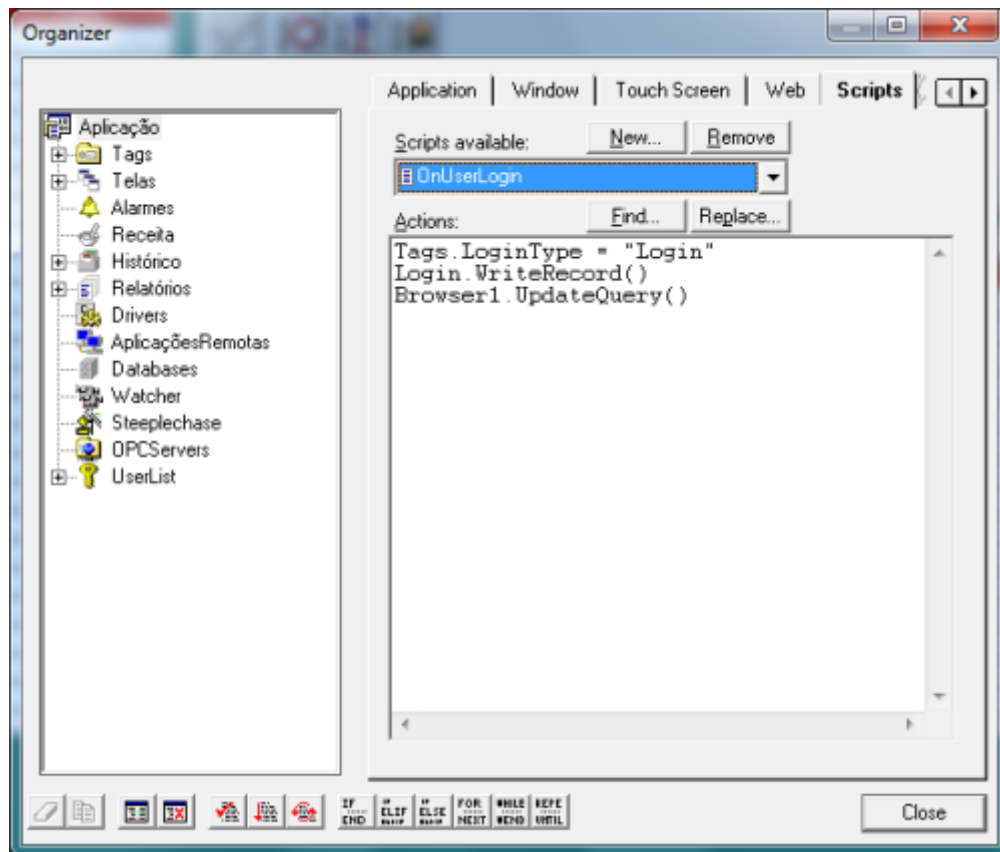
Figure 3: Script on OnUserLogin event

7. This script is responsible for recording the Login in disk, adding its description as well.

Alarms object's settings

1. Insert an Alarms object onto screen. Via the object's properties, select **Message Format** tab. Check **User** option: it will show in the alarms summary the user logged in the application at that moment.
2. Next, open the Organizer and access the item Alarms. Enable data recording in disk, and set up the other options.
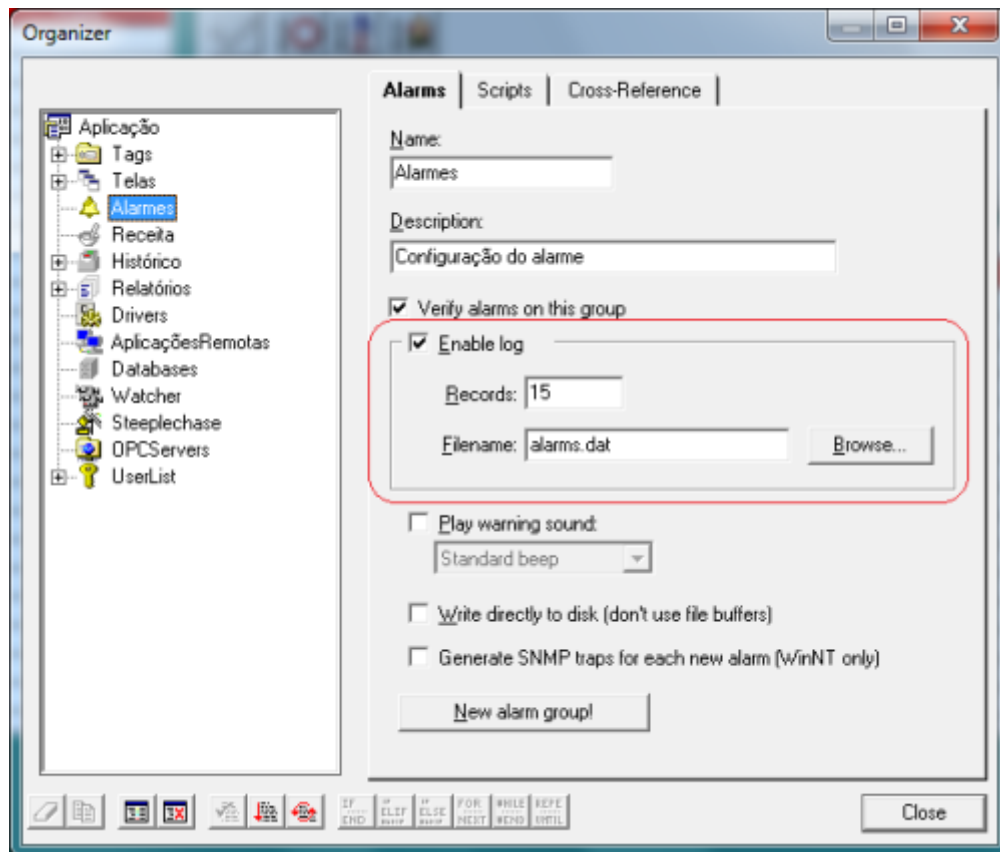
Figure 4: Setting up alarms for disk recording

3. User recording in disk is done automatically by Alarms object when enabled.

4. In the application's Logout button, insert the script from the figure below into *OnRelease* event. Thus, whenever the user logs out, a new record is recorded in disk, informing the logout's date/time.
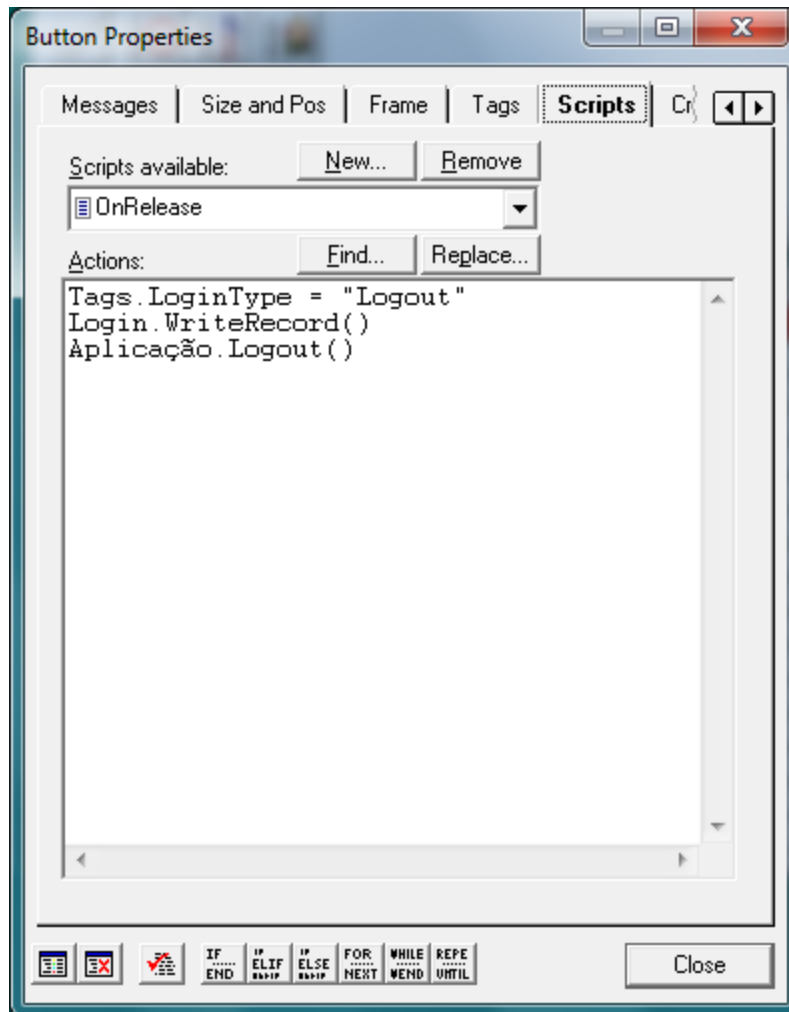
Figure 5: Logout Script

Login and password table as set up in RegLogin application

Username	Login	Password
Administrator	admin	0
Operator 1	op1	1
Operator 2	op2	2
Operator 3	op3	3