

**Subject:** Sawmill Newsletter: Giving Access To Adminstrate A Single Profile  
**From:** Jo Dee Koller <jodee@flowerfire.com>  
**Date:** Mon, 17 Aug 2009 11:49:22 -0700  
**To:** Greg Ferrar <ferrar@flowerfire.com>



## Sawmill Newsletter

August 15, 2009

### Welcome to the Sawmill Newsletter!

You're receiving this newsletter because during the downloading or purchase of Sawmill, you checked the box to join our mailing list. If you wish to be removed from this list, please send an email, with the subject line of "UNSUBSCRIBE" to [newsletter@sawmill.net](mailto:newsletter@sawmill.net) (please include the entire message, as the identifying information is at the bottom).

### News

Sawmill 8.0.9 shipped on June 6, 2009. This is a minor "bug fix" release, and it is free to existing Sawmill 8 users. It is recommended for anyone who is experiencing problems with Sawmill 8.0.8 or earlier. You can download it from <http://sawmill.net/download.html>.

Sawmill 7 users can upgrade to Sawmill 8 for half of the license price; or if you have Premium Support, the upgrade is free. Major features of Sawmill 8 include support for Oracle and Microsoft SQL Server databases, real-time reporting, a completely redesigned web interface, better multi-processor and multi-core support, and role-based authentication control.

This issue of the Sawmill Newsletter describes how to create a user who has access to administrate only a single profile.

### Get The Most Out Of Sawmill With Professional Services

Looking to get more out of your statistics from Sawmill? Running short on time, but need the information now to make critical business decisions? Our Professional Service Experts are available for just this situation and many others. We will assist in the initial installation of Sawmill using best practices; work with you to integrate and configure Sawmill to generate reports in the shortest possible time. We will tailor Sawmill to your environment, create a customized solution, be sensitive to your requirements and stay focused on what your business needs are. We will show you areas of Sawmill you may not even be aware of, demonstrating these methods will provide you with many streamlined methods to get you the information more quickly. Often you'll find that Sawmill's deep analysis can even provide you with information you've been after but never knew how to reach, or possibly never realized was readily available in reports. Sawmill is an extremely powerful tool for your business, and most users only exercise a fraction of this power. That's where our experts really can make the difference. Our Sawmill experts have many years of experience with Sawmill and with a large cross section of devices and business sectors. Our promise is to very quickly come up with a cost effective solution that fits your business, and greatly expand your ROI with only a few hours of fee based Sawmill Professional Services. For more information, a quote, or to speak directly with a Professional services expert contact [consulting@flowerfire.com](mailto:consulting@flowerfire.com).

---

### Tips & Techniques: Giving Access To Adminstrate A Single Profile

[Note: RBAC, which is the topic of this newsletter, is available only in Sawmill Enterprise.]

With Enterprise licensing, Sawmill supports the Role-based Access Control (RBAC), which makes it possible to configure access permissions in greater detail than is possible with Professional. For instance, in Professional, each user can either administrate everything, or they can view reports from only a particular set of profiles. But often, it is useful to create a user who can not only view reports for a profile, but can also administrate that profile, changing log filters, reports, etc.

To create a single-profile administrator, start in the Roles page of Admin:

**Roles**

Manager  
Statistics Visitor

Name:

Admin | Reports | Config

| Features                     | Access/View                         | Edit                                | Add                                 | Delete                              |  |
|------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--|
| Profiles                     | <input checked="" type="checkbox"/> |                                     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |  |
| - Rename Profile             | <input type="checkbox"/>            |                                     |                                     |                                     |  |
| Scheduler                    | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <a href="#">Unlimited grants</a><br>(Accesses all profiles & actions in scheduler) |
| Users                        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <a href="#">Unlimited grants</a><br>(Accesses all profiles & roles in users)       |
| Roles                        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |  |
| Preferences                  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                                     |                                     |  |
| Tasks                        | <input checked="" type="checkbox"/> |                                     |                                     |                                     |  |
| Licensing                    | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                                     |                                     |  |
| Import                       | <input type="checkbox"/>            |                                     |                                     |                                     |  |
| My Account (Change Password) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                                     |                                     |  |
| Support                      | <input checked="" type="checkbox"/> |                                     |                                     |                                     |  |

© 2009 Flowerfire

**Roles**

In the Roles page, click New Role, enter "Profile Manager" as the name of the new role, and check the boxes to allow Access/View of Profiles, and Access/View and Edit of Scheduler. This gives users in this role the right to see the Profiles list, and to *edit*, but not add or delete, scheduled tasks. If a profile has a scheduled database update, users in this role will be able to edit when it occurs:

The screenshot shows the Sawmill web interface. At the top, there is a navigation bar with links for Admin (Profiles), Logout (ferrari), Support, Help, and About. Below this is a secondary navigation bar with links for Profiles, Scheduler, Users, Roles, Preferences, Tasks, Licensing, Import, and My Account. A toolbar contains buttons for Save Changes (with a green checkmark), New Role (with a plus icon), Duplicate (with a copy icon), Delete (with a red X icon), and Undo All Changes (with a circular arrow icon).

The main content area is titled 'Roles' and features a sidebar on the left with a list of roles: Manager, Profile Manager (highlighted in blue), and Statistics Visitor. The main panel shows the configuration for the 'Profile Manager' role. The role name is entered as 'Profile Manager'. There are three tabs: Admin (selected), Reports, and Config. Below the tabs is a table defining permissions for various features.

| Features                     | Access/View                         | Edit                                | Add                      | Delete                   |  |
|------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--|
| Profiles                     | <input checked="" type="checkbox"/> |                                     | <input type="checkbox"/> | <input type="checkbox"/> |  |
| - Rename Profile             | <input type="checkbox"/>            |                                     |                          |                          |  |
| Scheduler                    | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <a href="#">Unlimited grants</a><br>(Accesses all profiles & actions in scheduler) |
| Users                        | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |  |
| Roles                        | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |  |
| Preferences                  | <input type="checkbox"/>            | <input type="checkbox"/>            |                          |                          |  |
| Tasks                        | <input type="checkbox"/>            |                                     |                          |                          |  |
| Licensing                    | <input type="checkbox"/>            | <input type="checkbox"/>            |                          |                          |  |
| Import                       | <input type="checkbox"/>            |                                     |                          |                          |  |
| My Account (Change Password) | <input type="checkbox"/>            | <input type="checkbox"/>            |                          |                          |  |
| Support                      | <input type="checkbox"/>            |                                     |                          |                          |  |

© 2009 Flowerfire

**Roles: Admin**

Moving on to the Reports tab, check everything. This gives users in this role the ability to do all the reporting actions:

The screenshot shows the Sawmill web interface. At the top, there is a navigation bar with links for Admin (Profiles), Logout (ferrari), Support, Help, and About. Below this is a secondary navigation bar with links for Profiles, Scheduler, Users, Roles, Preferences, Tasks, Licensing, Import, and My Account. A toolbar contains icons for Save Changes, New Role, Duplicate, Delete, and Undo All Changes. On the left, a 'Roles' sidebar lists 'Manager', 'Profile Manager' (selected), and 'Statistics Visitor'. The main content area shows the configuration for 'Profile Manager'. It has tabs for Admin, Reports, and Config. A table lists various features and their access/view status:

| Features             | Access/View                         |
|----------------------|-------------------------------------|
| Reports              | <input checked="" type="checkbox"/> |
| Date Picker          | <input checked="" type="checkbox"/> |
| Filters              | <input checked="" type="checkbox"/> |
| Macros               | <input checked="" type="checkbox"/> |
| Send Report by Email | <input checked="" type="checkbox"/> |
| Save Report Changes  | <input checked="" type="checkbox"/> |
| Save As New Report   | <input checked="" type="checkbox"/> |
| Database Info        | <input checked="" type="checkbox"/> |
| - Update Database    | <input checked="" type="checkbox"/> |
| - Build Database     | <input checked="" type="checkbox"/> |
| Cancel Task          | <input checked="" type="checkbox"/> |
| CSV Export           | <input checked="" type="checkbox"/> |

Below the table, there is a note: [Saving scope is User](#) (Report changes are saved to user and affect the logged-in user only). The footer of the page reads '© 2009 Flowerfire'.

**Roles: Reports**

Then go to the Config tab, and check everything. This gives this user full administrative access to configure their profile(s):

SAWMILL [Admin \(Profiles\)](#) [Logout \(ferrari\)](#) [Support](#) [Help](#) [About](#)

[Profiles](#) [Scheduler](#) [Users](#) **Roles** [Preferences](#) [Tasks](#) [Licensing](#) [Import](#) [My Account](#)

Save Changes
  New Role
  Duplicate
  Delete
  Undo All Changes

**Roles**

- Manager
- Profile Manager**
- Statistics Visitor

Name:

Admin | **Reports** | Config

| Features               | Access/View                         | Edit                                | Add                                 | Delete                              |
|------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Log Source             | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Log Filters            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Log Processing         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                                     |                                     |
| Database               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                                     |                                     |
| Database Info          | <input checked="" type="checkbox"/> |                                     |                                     |                                     |
| - Update Database      | <input checked="" type="checkbox"/> |                                     |                                     |                                     |
| - Build Database       | <input checked="" type="checkbox"/> |                                     |                                     |                                     |
| Reports                | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Report Options         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                                     |                                     |
| Miscellaneous          | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                                     |                                     |
| Log Fields             | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Database Fields        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Cross reference groups | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

© 2009 Flowerfire

**Roles: Config**

Click Save Changes, and now you have a created a role which gives its users administrative access to their profiles, but not full Admin access to top-level Sawmill actions (like creating/deleting profiles, modifying users and roles, creating scheduled tasks, and editing the licensing). The only remaining step is to create a user in the Users section of the Admin menu, choose the profiles they have access to, and choose Profile Manager as the role:

SAWMILL

Admin (Profiles) Logout (ferrar) Support Help About

Profiles Scheduler Users Roles Preferences Tasks Licensing Import My Account

Save Changes New User Duplicate Delete Undo All Changes

**Users**

newuser  
sue

Username: sue Language: Default (English)

Password: [Change Password](#)

Access profiles with roles: [New Access Pair](#)

| Profiles | Roles   |
|----------|---|
| ae       | Profile Manager <a href="#">Edit</a> <a href="#">Delete</a> |

© 2009 Flowerfire

### Users

That's it--you have created a user who can access only a single profile, and who can configure that profile however they want, but cannot do general administration of Sawmill.

### Professional Services

This newsletter describes a specific use of Sawmill's RBAC feature. Sawmill's RBAC functionality is extensive, and can be used to create very detailed authentication and access controls. If you need assistance with configuring access control in your Sawmill installation, or with any other Sawmill tasks, our Sawmill Experts can help. Contact [sales@sawmill.net](mailto:sales@sawmill.net) for more information.

[Article revision v1.0]  
[ClientID: 43726]