



**Earth Observing System Clearinghouse**

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# **Extended Services Registry Tool For ECHO 10 User Guide**

**Document Version 10.2**

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## REVISION HISTORY

Date	Version	Brief Description	Author
09/26/07	10.1	Initial version for ECHO 10	Judith Wright
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# ECHO Extended Services Registry Tool for ECHO 10

## 1. OVERVIEW

The ECHO Extended Services Registry Tool (ESRT) is a User Interface tool that enables ECHO users (in particular, Service Providers) to perform Administration, User, Provider, and Extended Services operations without having to know the underlying ECHO web service operations. The ESRT should be considered an extension to the current PUMP functionality. This document provides basic information on how to use this tool.

## 2. INSTALLING THE ECHO EXTENDED SERVICES REGISTRY TOOL

The ECHO Extended Services Registry Tool (ESRT) runs on a Windows platform. Download and extract the zip file into a new folder. The zip file is on the ECHO site: [http://www.echo.nasa.gov/services/service\\_tools.shtml](http://www.echo.nasa.gov/services/service_tools.shtml). Run the ECHOESRegistryTool.exe file in that folder.

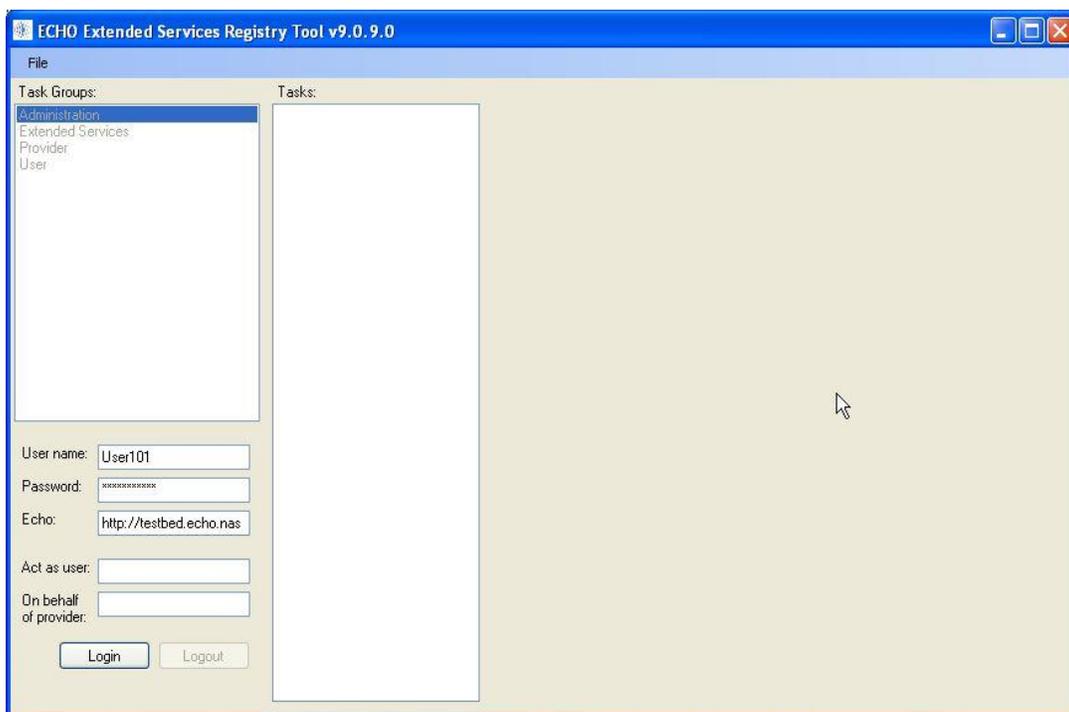


Figure 1. ECHO Extended Services Registry Viewer—Task Groups

## 3. USING THE ESRT

### 3.1. Invoking Operations/Tasks

1. Invoke/run the ECHO Extended Services Registry Tool
2. Connect to the ECHO server and log on
3. Select service (Administration, Extended Services, Provider, or User) to invoke from the *Task Groups* pane.

4. Select the operation to invoke from the *Tasks* pane. The pane on the right will contain a form pertaining to the operation selected (see next two sections for the possible tasks/operations for each service in ECHO 10.0)
5. Enter required information in the form, execute the form
6. Log out by clicking on the logout button

### 3.2. Connecting to the ECHO Server

On the bottom left side of the window (see Figure 1), enter:

- a. **User name:** *Username* of user logging in
- b. **Password:** *Password* corresponding to the username
- c. **Echo:** *Echo URL* [e.g., <http://api.echo.eos.nasa.gov/echo-v9/>]
- d. **Act as User:** *Username* of a user an ECHO administrator wishes to act as (optional)
- e. **On behalf of Provider:** *Provider name* the ECHO administrator wishes to act on behalf of (optional).
- f. Click the **Login** button.

If the login is successful the login fields will be grayed out, if not an error message describing the error encountered during login will be returned. Correct the error and login again.

### 3.3. Operations/Tasks supported by the tool

- a. Administration Service
  - 1) Edit Error Codes
- b. Extended Services Service
  - 1) Register/Update WS GUI
  - 2) Register/Update WS Advertisement
  - 3) Register/Update WS Interface
  - 4) Register/Update WS Implementation
  - 5) Activate any web service (all types): Activates any web service based on its GUID.
  - 6) Remove any web service (all types): Removes any web service based on its GUID.
- c. Provider Service
  - 1) Create Provider
  - 2) Activate Provider
- d. User Service
  - 1) Create User
  - 2) Grant/Revoke Access

### 3.4. Sample Extended Services Registry Tool Operations Screens

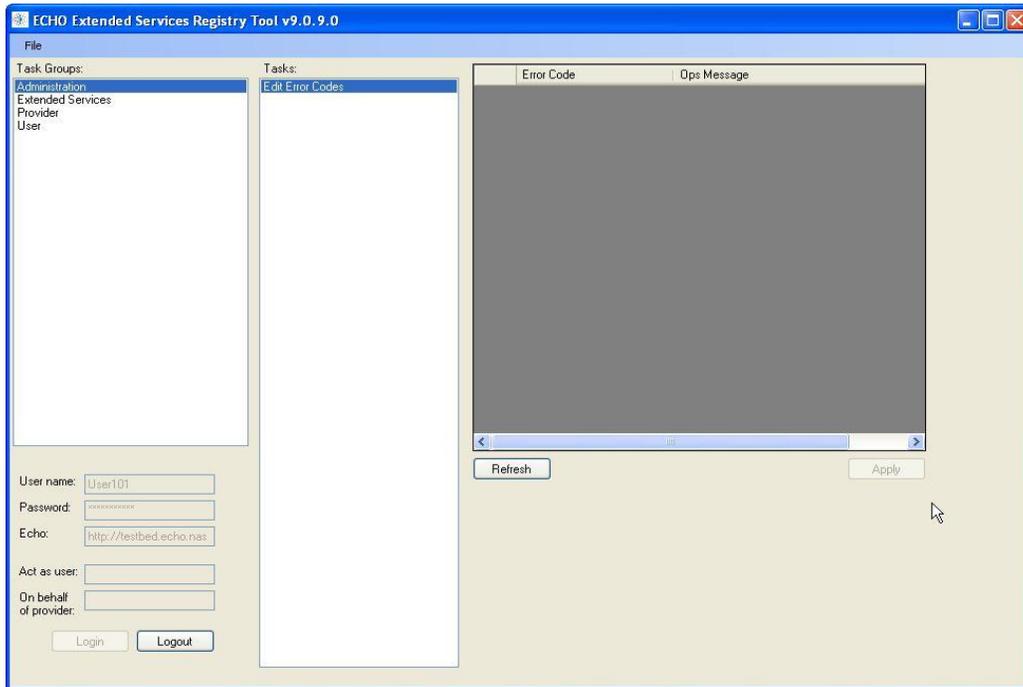


Figure 2. ECHO Extended Services Registry Viewer—Administration Tasks

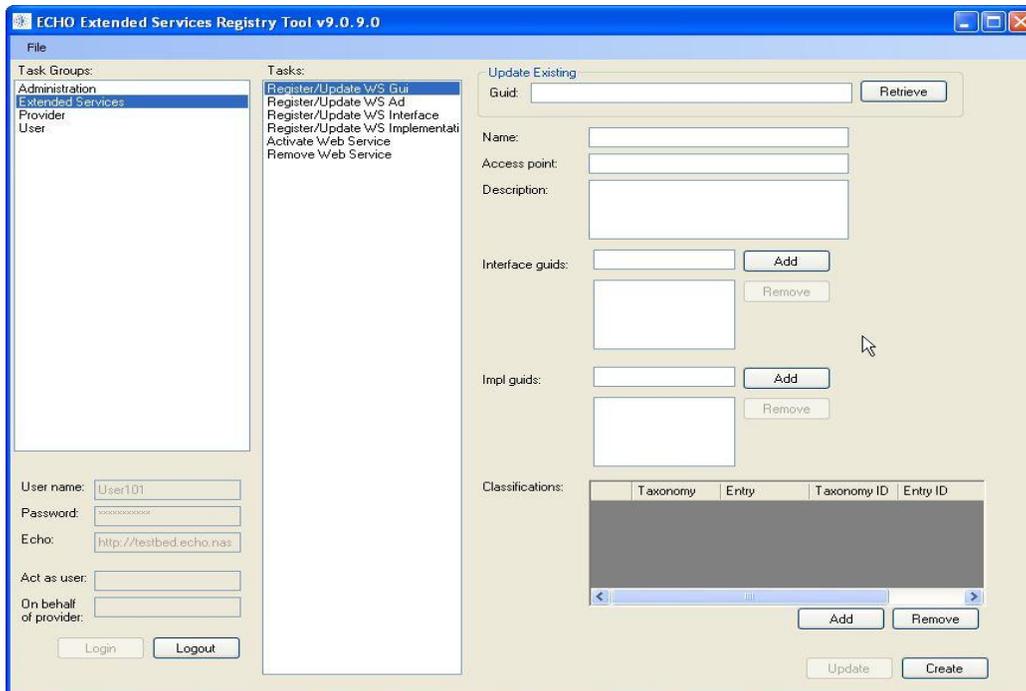


Figure 3. ECHO Extended Services Registry Viewer—Extended Services Tasks

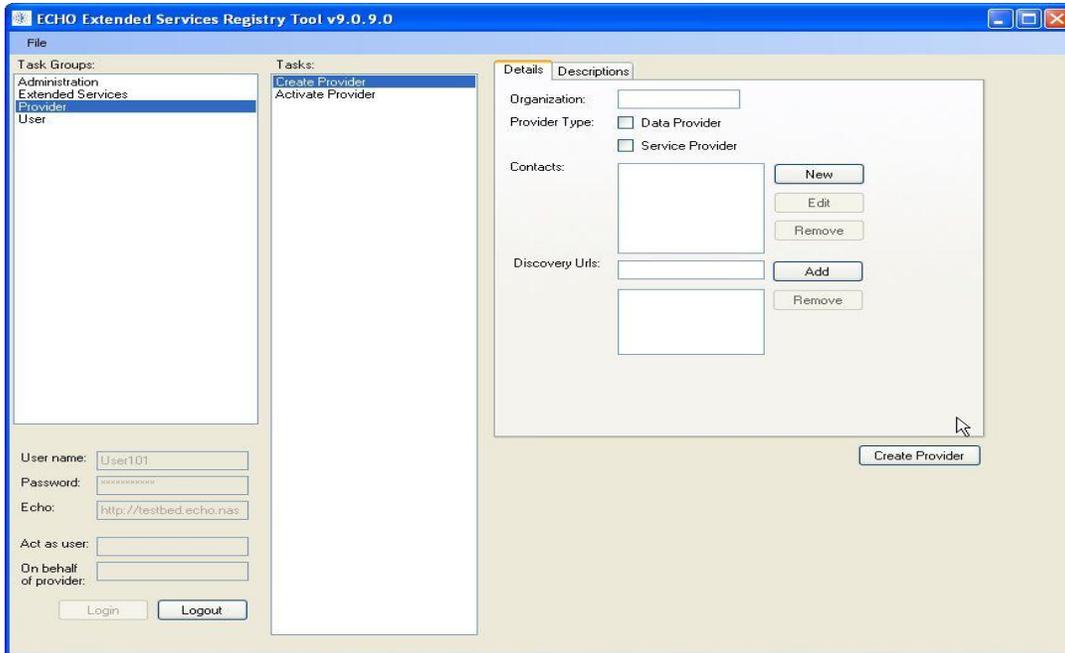


Figure 4. ECHO Extended Services Registry Viewer—Provider Tasks

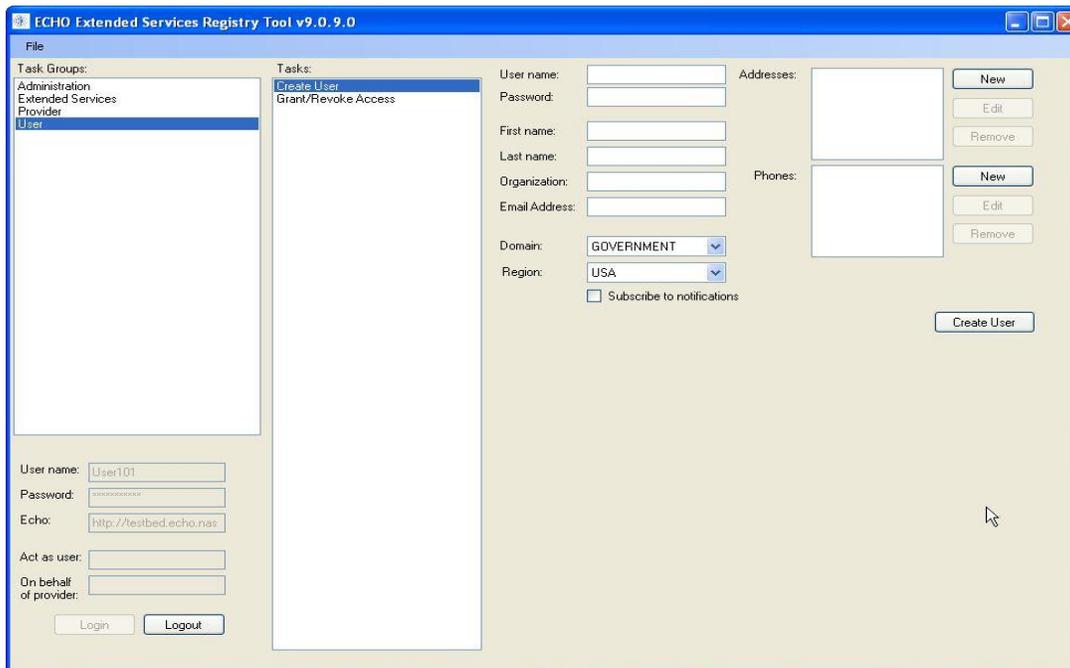


Figure 5. ECHO Extended Services Registry Viewer—User Tasks