

Listeners Configuration

Description

This section describes the management environment of Listener, which enables detection of various events in Pre and Post of Job, Step, and Chunk during the process of Batch Jobs.

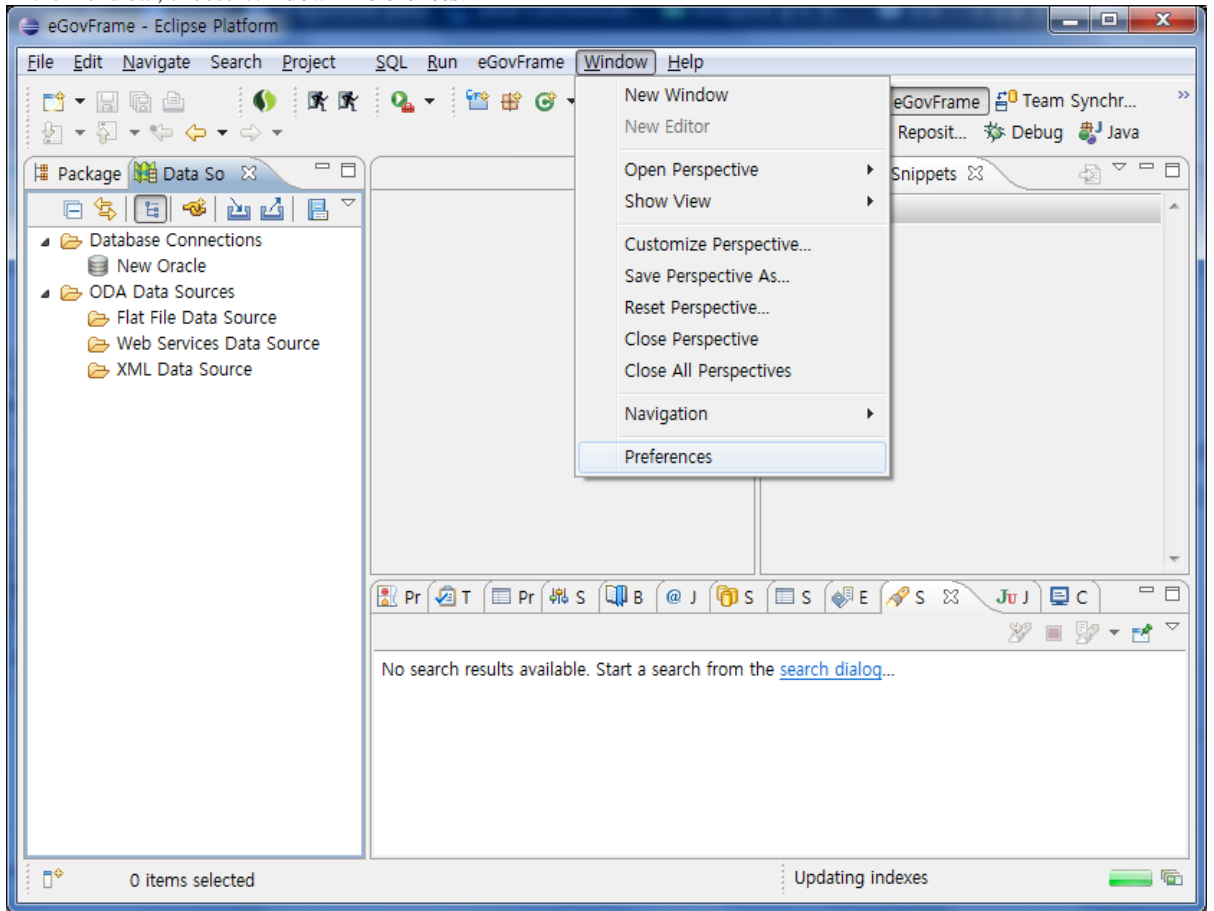
Item	Sub-category	Description
Listeners	Job	Detects events before and after each Job performed.
	Step	Detects events before and after each Step performed.
	Chunk	Detects events before and after each Chunk performed.

How to Use

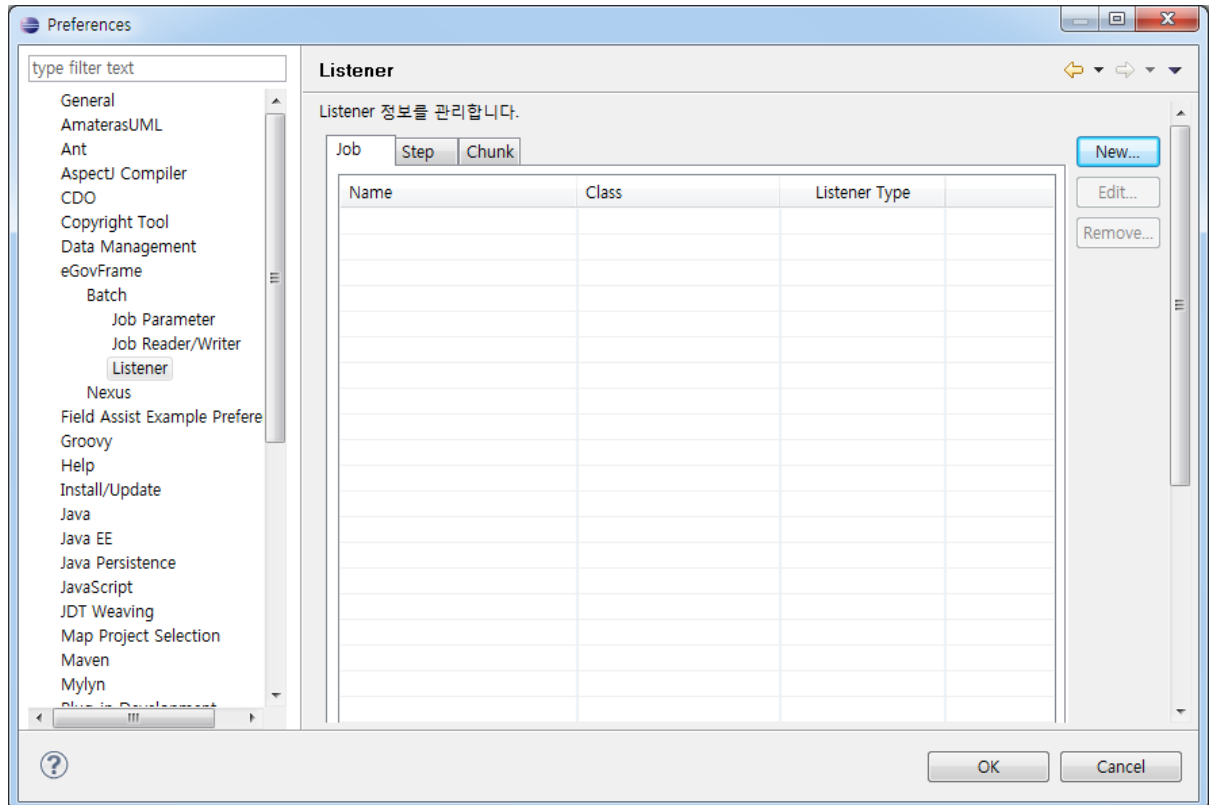
Configuring Job Listener

Components of Job Listener

1. In the menu bar, choose **Window>Preferences**.

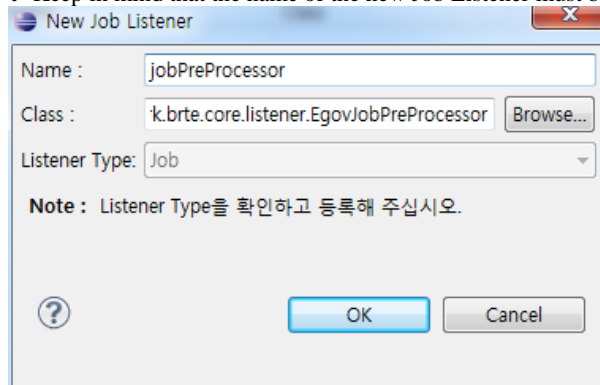


2. From the list on the right side of the Preferences Page, select **eGovFrame>Batch>Listener**, then select the **Job Tab** then click the "New" button.



3. Input desired name of the Job Listener to be registered and add respective Listener Class. Then, select "confirm" to add a new Job Listener.

✓ Keep in mind that the name of the new Job Listener must be different from previously added Job Listener.

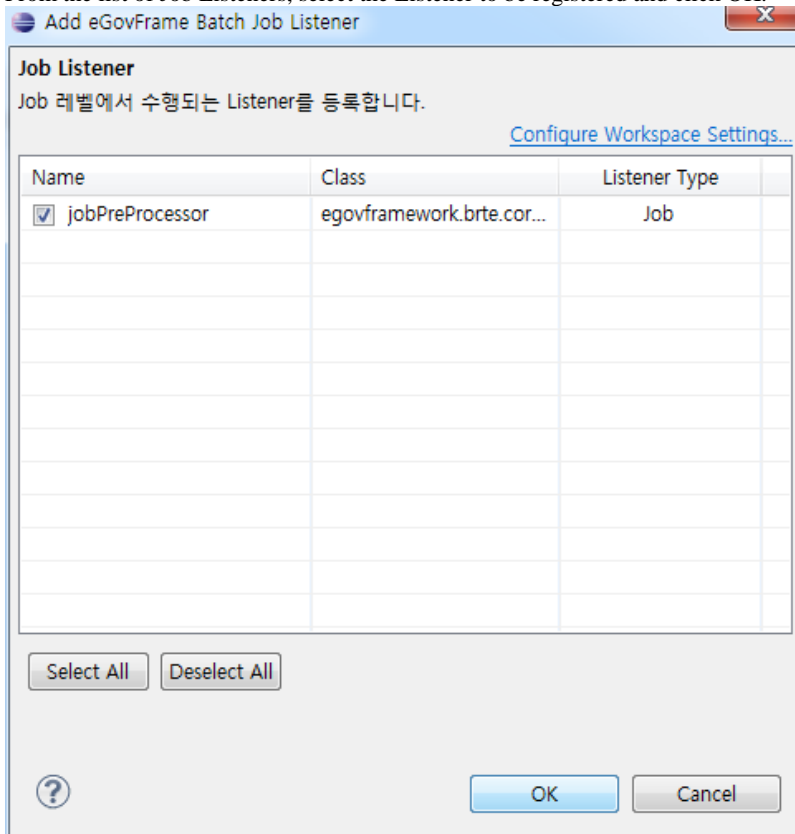


Application of Job Listener during creation of Batch Job File

1. In order to create a new Batch Job File through [Batch Job Wizard](#), click on the **Add** button located on the bottom of "Job Listener" from "Job Add"

The screenshot shows the 'New eGovFrame Batch Job File' wizard. The window title is 'New eGovFrame Batch Job File'. The main content area is titled 'eGovFrame Batch Job' and includes the text '신규 Job을 등록합니다.' (Register new Job). The interface is divided into three main sections: 'Job List', 'Step/Decision List', and 'Info'. The 'Job List' and 'Step/Decision List' sections each have an 'Add' and 'Remove' button at the bottom. The 'Info' section contains a 'Job ID' field with the value 'TestJob', a 'Restartable' section with radio buttons for 'True' (selected) and 'False', and a 'Job Listeners' table. The table has two columns: 'Name' and 'Class'. Below the table are 'Add' and 'Remove' buttons. At the bottom of the 'Info' section are 'Restore Defaults' and 'Apply' buttons. The bottom of the window features a help icon and navigation buttons: '< Back', 'Next >', 'Finish', and 'Cancel'.

2. From the list of Job Listeners, select the Listener to be registered and click OK.



3. Confirm Listener Registration in Job Listeners of Batch Job Wizard

The screenshot shows the 'New eGovFrame Batch Job File' window. The title bar includes the text 'New eGovFrame Batch Job File' and standard window controls. The main window title is 'eGovFrame Batch Job' with the subtitle '신규 Job를 등록합니다.' (Registering a new job). The eGov logo is in the top right corner.

The window is divided into three main sections:

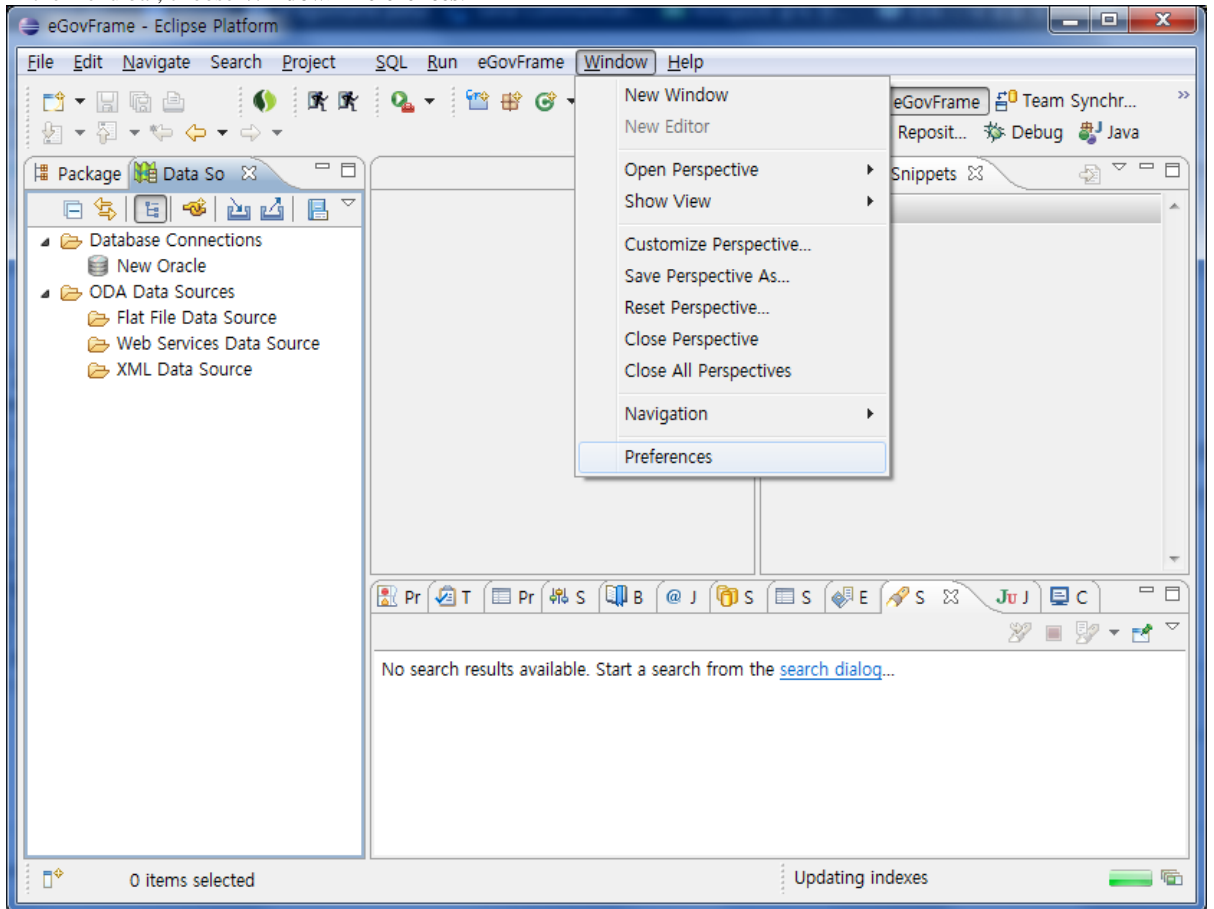
- Job List:** An empty list box with 'Add' and 'Remove' buttons below it.
- Step/Decision List:** An empty list box with 'Add' and 'Remove' buttons below it.
- Info:** A section containing:
 - Job Info:** A text field for 'Job ID' containing 'TestJob'.
 - Restartable:** Radio buttons for 'True' (selected) and 'False'.
 - Job Listeners:** A table with two columns: 'Name' and 'Class'. One entry is visible: 'jobPreProcessor' with class 'egovframework.brtc.core.listener...'. There are 'Add' and 'Remove' buttons below the table.

At the bottom of the 'Info' section are 'Restore Defaults' and 'Apply' buttons. The bottom of the window features a navigation bar with a help icon, '< Back', 'Next >', 'Finish', and 'Cancel' buttons.

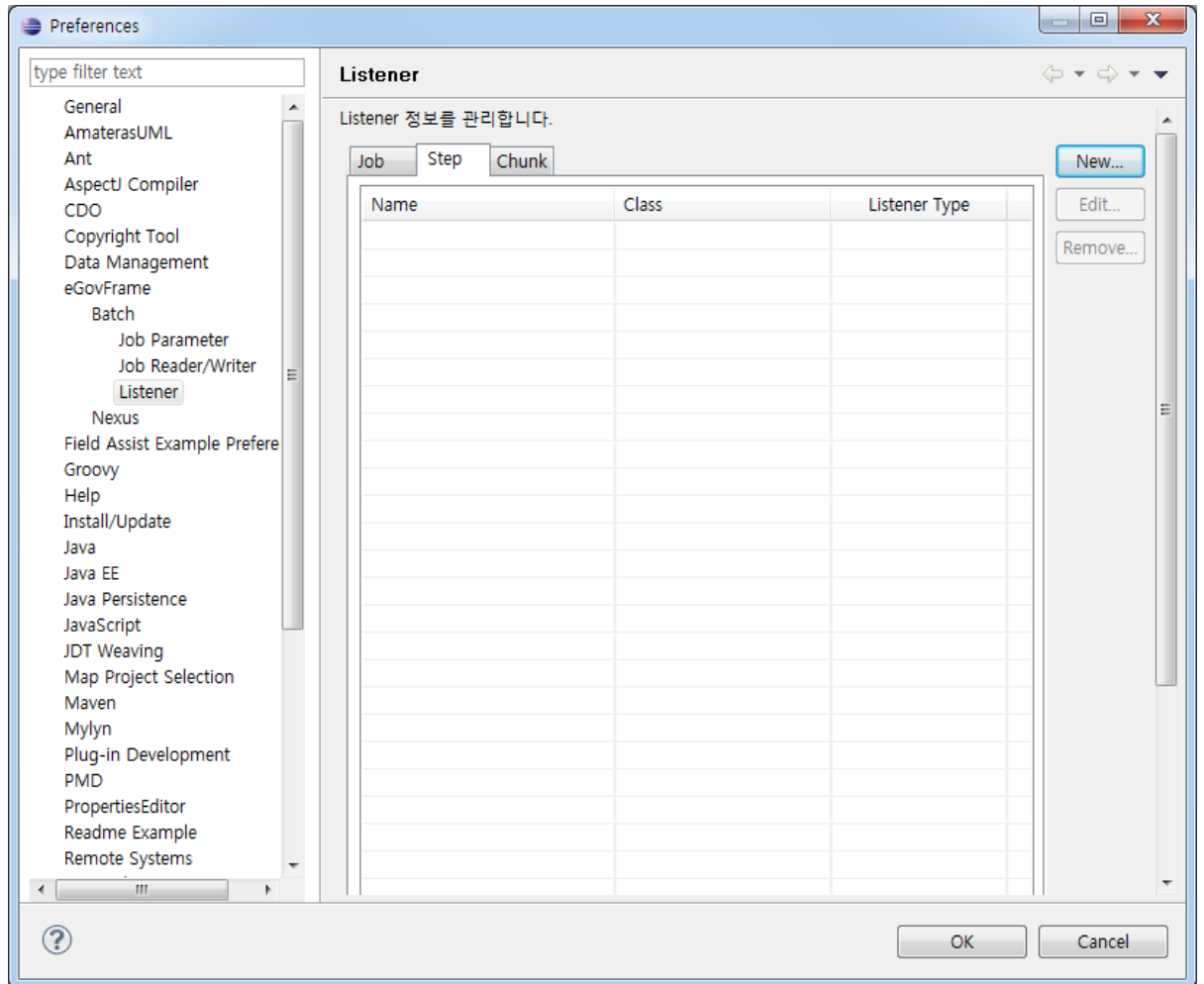
Configuring Step Listener

Components of Step Listener

1. In the menu bar, choose **Window>Preferences**.

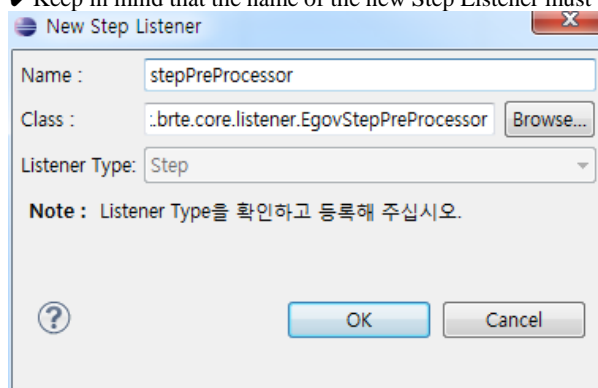


- From the list on the right side of the Preferences Page, select **eGovFrame>Batch>Listener**, then select the **Step** Tab then click the "New" button.



- Input desired name of the Step Listener to be registered and add respective Listener Class. Then, select "confirm" to add a new Step Listener.

✓ Keep in mind that the name of the new Step Listener must be different from previously added Step Listener.



Application of Step Listener during creation of Batch Job File

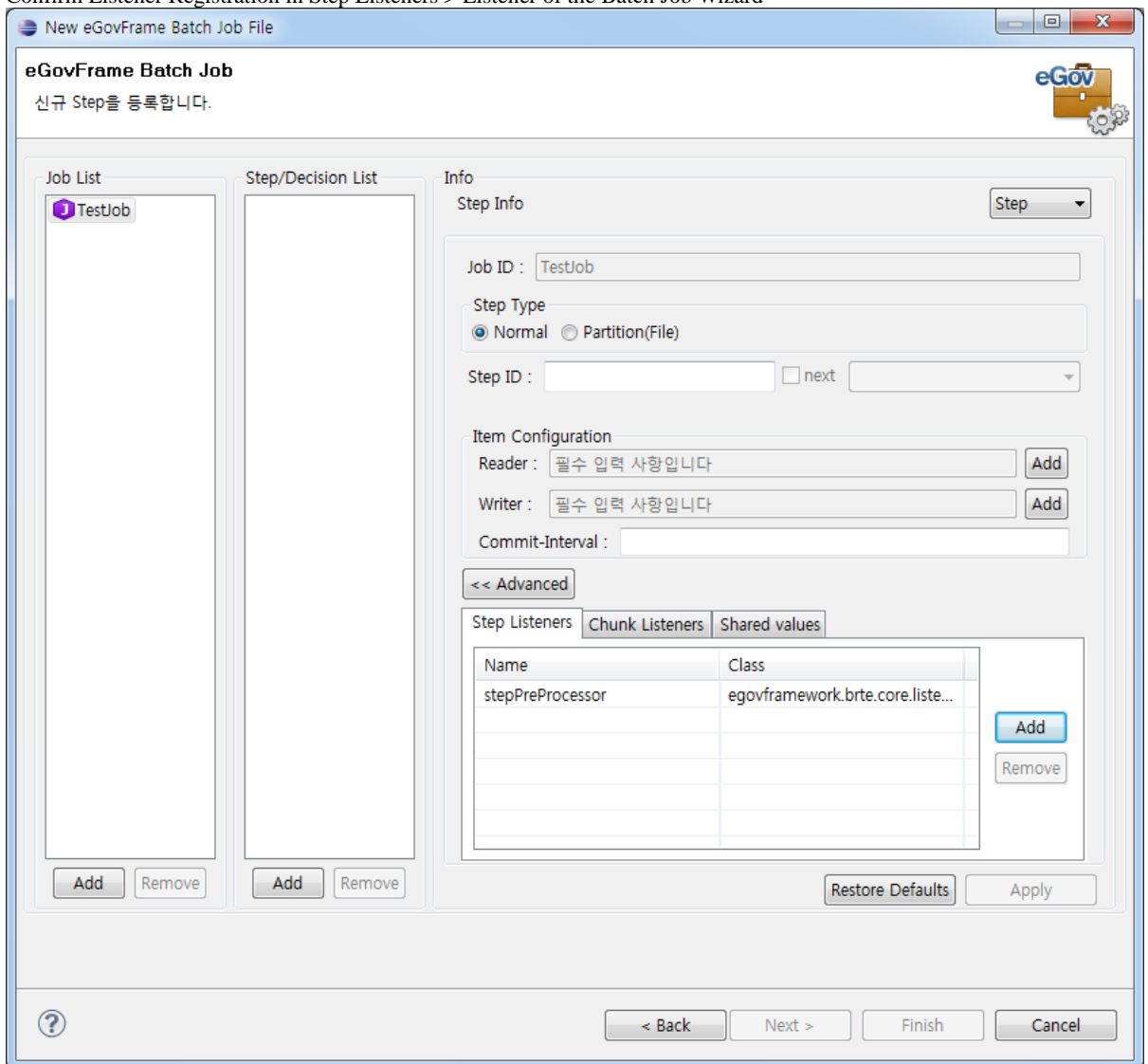
1. In order to create a new Batch Job File through [Batch Job Wizard](#), click on the **Add** button located on the right side of "Step Listener" from "Step Add"

The screenshot displays the "New eGovFrame Batch Job File" window. The main title is "eGovFrame Batch Job" with the subtitle "신규 Step을 등록합니다." (Register new Step). The interface is divided into several sections:

- Job List:** Contains a single entry "TestJob" with an "Add" and "Remove" button below it.
- Step/Decision List:** An empty list with "Add" and "Remove" buttons below it.
- Info:** Contains configuration fields for the selected step.
 - Step Info:** Includes "Job ID" (TestJob), "Step Type" (Normal selected, Partition(File) unselected), and "Step ID" with a "next" checkbox and dropdown.
 - Item Configuration:** Includes "Reader" and "Writer" fields (both with "필수 입력 사항입니다" - required input) and "Commit-Interval" field, each with an "Add" button.
 - Advanced:** A button to expand advanced options.
 - Step Listeners:** A tabbed section with "Step Listeners" selected. It contains a table with "Name" and "Class" columns, an "Add" button, and a "Remove" button.

At the bottom of the window, there are navigation buttons: "< Back", "Next >", "Finish", and "Cancel".

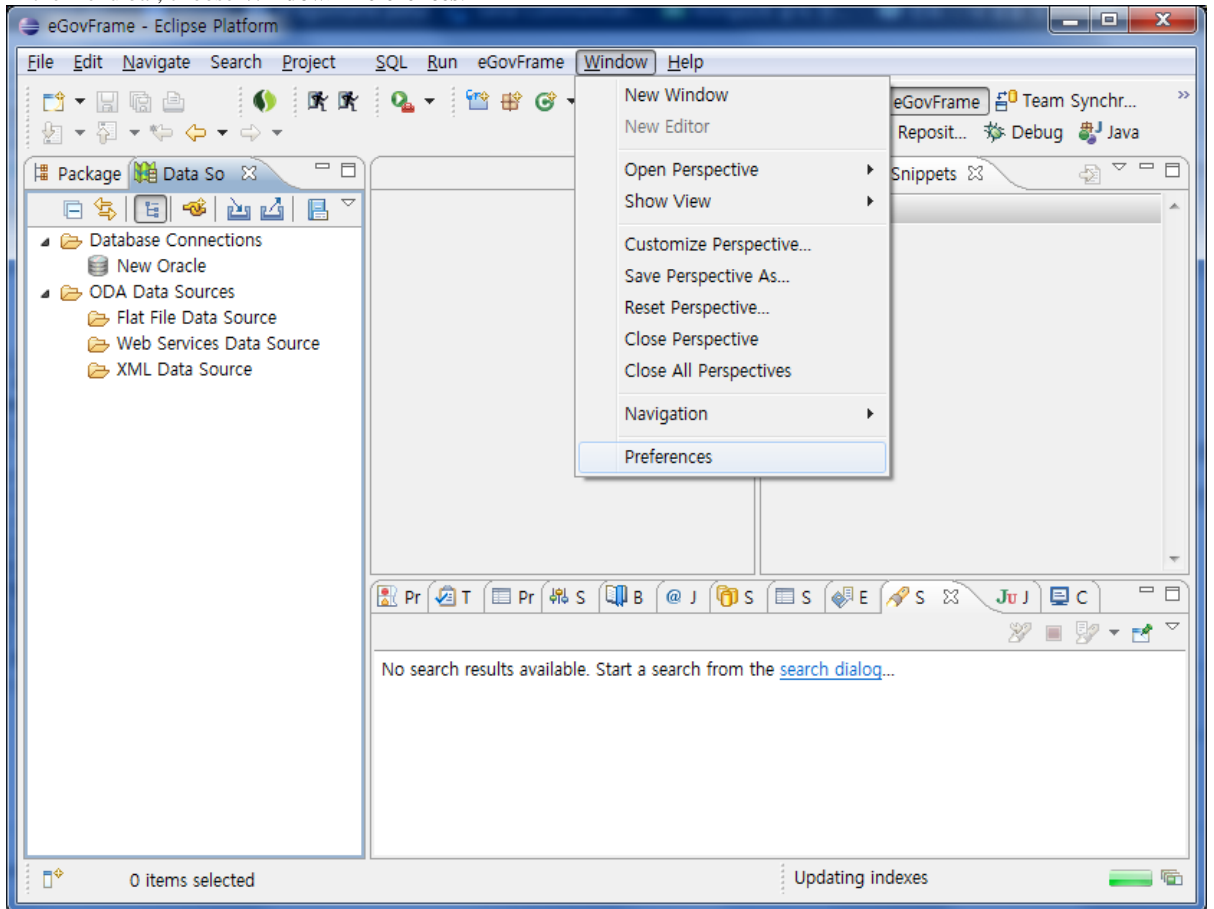
3. Confirm Listener Registration in Step Listeners > Listener of the Batch Job Wizard



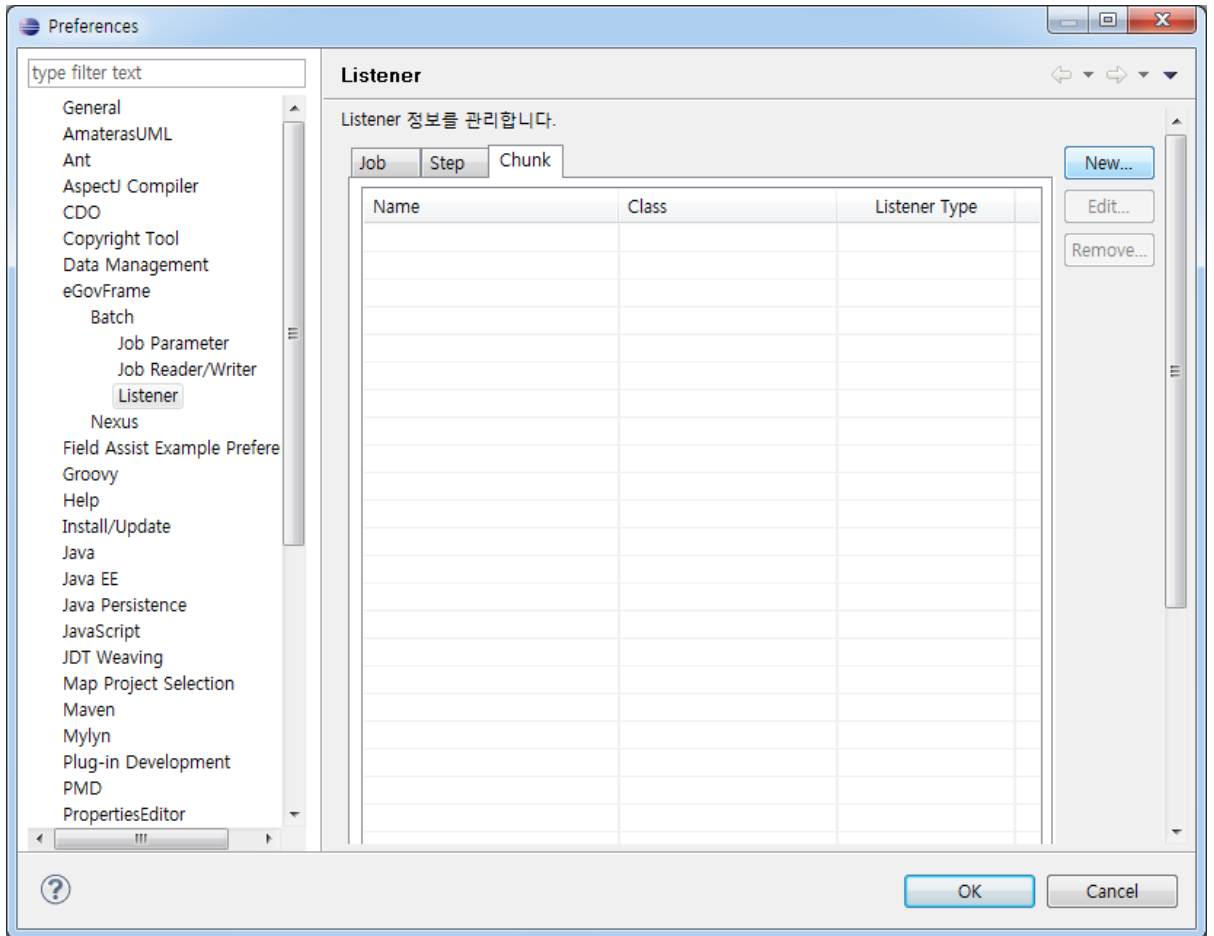
Configuring Chunk Listener

Components of Chunk Listener

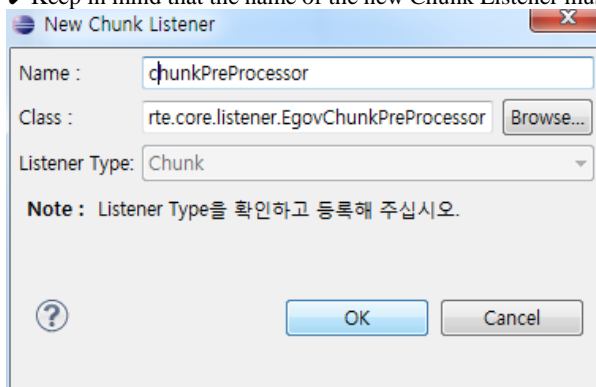
1. In the menu bar, choose **Window>Preferences**.



- From the list on the right side of the Preferences Page, select **eGovFrame>Batch>Listener**, then select the **Chunk Listener Tab** then click the "New" button.



- Input desired name of the Chunk Listener to be registered and add respective Listener Class. Then, select "confirm" to add a new Chunk Listener.
 ✓ Keep in mind that the name of the new Chunk Listener must be different from previously added Chunk Listener.



Application of Chunk Listener during creation of Batch Job File

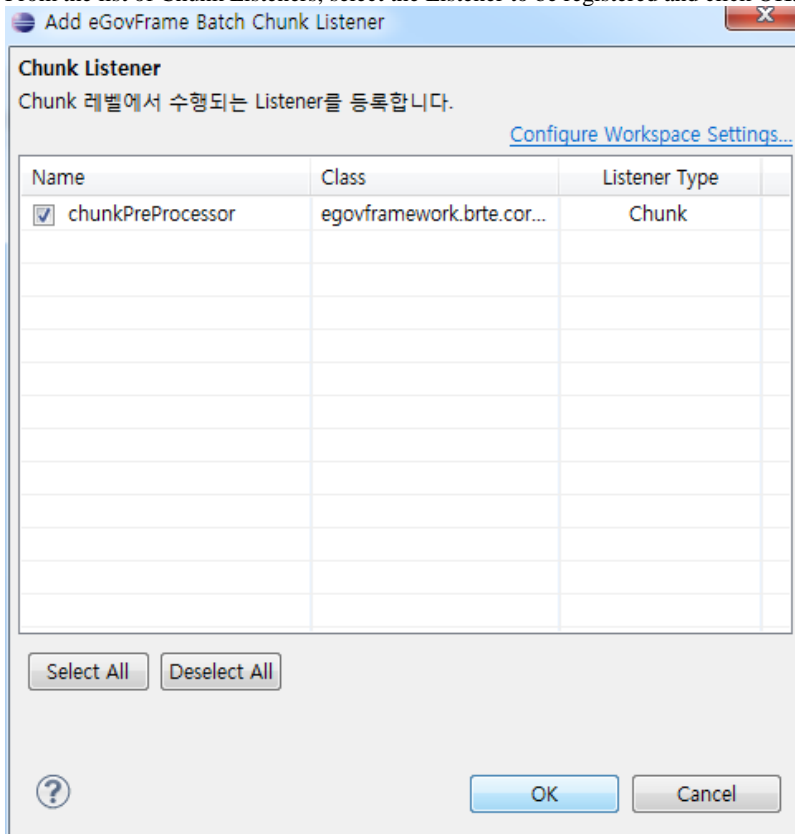
1. In order to create a new Batch Job File through [Batch Job Wizard](#), click on the **Add** button located on the right side of "Chunk Listener" from "Step Add"

The screenshot shows the 'New eGovFrame Batch Job File' wizard. The main window is titled 'New eGovFrame Batch Job File' and contains the 'eGovFrame Batch Job' configuration interface. The interface is divided into several sections:

- Job List:** Contains a single entry 'TestJob' with an 'Add' and 'Remove' button below it.
- Step/Decision List:** An empty list with 'Add' and 'Remove' buttons below it.
- Info:** Contains configuration options for the selected step.
 - Step Info:** Job ID: TestJob, Step Type: Normal (selected), Partition(File) (unselected). Step ID: [] next [] (dropdown).
 - Item Configuration:** Reader: 필수 입력 사항입니다 (Add), Writer: 필수 입력 사항입니다 (Add), Commit-Interval: []
 - Step Listeners:** A table with columns 'Name' and 'Class'. Below the table are 'Add' and 'Remove' buttons.

At the bottom of the window, there are navigation buttons: '<< Back', 'Next >', 'Finish', and 'Cancel'. A 'Restore Defaults' and 'Apply' button are also present near the bottom right.

- From the list of Chunk Listeners, select the Listener to be registered and click OK.



3. Confirm that the Listener has been registered in Chunk Listeners of Batch Job Wizard.

The screenshot shows the 'New eGovFrame Batch Job File' window. The title bar includes the text 'New eGovFrame Batch Job File' and standard window controls. The main window has a header with the 'eGovFrame Batch Job' logo and the text '신규 Step을 등록합니다.' (Register a new Step).

The interface is divided into three main sections:

- Job List:** Contains a single entry 'TestJob' with an 'Add' and 'Remove' button below it.
- Step/Decision List:** An empty list with 'Add' and 'Remove' buttons below it.
- Info:** Contains configuration fields for the selected step.
 - Step Info:** Includes 'Job ID' (TestJob), 'Step Type' (Normal selected, Partition(File) unselected), and 'Step ID' with a 'next' checkbox and a dropdown menu.
 - Item Configuration:** Includes 'Reader' and 'Writer' fields (both with placeholder text '필수 입력 사항입니다') and 'Commit-Interval'.
 - Advanced:** A tabbed section with 'Step Listeners', 'Chunk Listeners', and 'Shared values' tabs. The 'Chunk Listeners' tab is active, showing a table with the following data:

Name	Class
chunkPreProcessor	egovframework.brte.core.liste...

Buttons for 'Add' and 'Remove' are located to the right of the table.

At the bottom of the window, there are navigation buttons: '< Back', 'Next >', 'Finish', and 'Cancel'. A 'Restore Defaults' and 'Apply' button are also present near the bottom right.