



combit List & Label 25 .NET component for Java Developers

combit List & Label 25 .NET component is now accessible also for Java developers. combit .NET UI components can be used from Java thanks to third-party Javonet component which allows to use any .NET UI component in Java AWT, Swing and JavaFX applications.

List & Label 25 components can be used directly through Javonet API or using the strongly typed wrapper. The wrapper is a ready to use compiled Java Jar package which replicates the combit List & Label 25 .NET API in Java. You will find the ready to use wrapper in combit install directory **combit\LL25\Samples\Java\DataBindingSample\combit.listlabel25.jar**

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1 Using combit List & Label in Java Project

To use the combit List & Label in Java application copy the combit.listlabel25.jar, combit.listlabel25.dll and Javonet-1.5.jar (or newer) to root directory of your Java project and add “combit.listlabel25.jar” to project build path.

You can find the sample Java application in **combit\LL25\Samples\Java\DataBindingSample**

To get your own copy of Javonet Jar package you should register for Javonet free trial or commercial license. Go to <https://my.javonet.com/signup/?type=free> to register for free trial and download Jar.

2 combit List & Label Sample Project

2.1 How to Run the Java Sample Project using Eclipse

Below you will find step by step guide how to run the Java sample project.

1. Open **Eclipse IDE**.

Because by default the source of the sample does not include Eclipse project files you need to create new workspace and import the project.

2. **Create or open Eclipse Workspace.**
3. Right click on Project Explorer and choose **Import** next **General** > **Projects from Folder or Archive** and press **Next**.
4. Press **Directory...** and point to the **DataBindingSample** within the **combit\LL25\Samples\Java** folder. Project should be automatically detected. Press **Finish** to complete.

Now your project is ready, you only need to add missing dependencies and set Javonet activation key.

6. Register for free trial Javonet key [Signup for Javonet](#).
7. After registration is completed download **Javonet Jar** and copy to the Eclipse project.
8. Right click **Javonet Jar** in Eclipse Project Explorer and choose **Build Path** > **Add to Build Path**
9. Right click **combit.ListLabel25.jar** in Eclipse Project Explorer and choose **Build Path** > **Add to Build Path**
10. **Set your email and Javonet license key** in **DataBindingSample/src/Form1.java** file:

```
ListLabelActivation.setLicense(*****your-email-here*****, *****your-license-key-here*****);
```

Now you can run the sample.

2.2 Strongly Typed Wrapper

Strongly-typed wrapper replicates List & Label 25 .NET API for Java, currently it exposes only the key operations required for this sample:

- using a List & Label .NET Dataprovider to connect to an Access database with OleDb and respond to an event of the Dataprovider
- calling/opening the List & Label Designer; including real data preview
- printing into the List & Label preview control on the form and respond to a preview control button click event
- exporting into any of the supported List & Label export formats

You can further extend this wrapper to expose the strongly typed methods with signatures matching the combit List & Label .NET component (see also the .NET help at <https://docu.combit.net/net/en>) and forwarding the calls via Javonet.

2.3 Extending the wrapper

Wrapper project **combit.listlabel25** source code with ready to use ANT build script to compile the Jar, is available on GitHub repository: <https://github.com/Javonet/combit-listlabel25-java>. You can clone this repository to cover additional features of List & Label component.

Read the **combit-listlabe25-java** repository readme file for more details. To learn more how to perform different types of calls from Java to .NET API using Javonet, go to Javonet Guides for Java developers (<https://www.javonet.com/java-devs/guides/>).