

## Introduce the AComboBox component

### Overview

The [AComboBox](#) is a drop down component in [JComponentPack](#) product, it's different with the "[JComboBox](#)" component in the core Java swing package, it can set the popup icon, popup component, etc.

### Main Features

1. Customize the popup icon

The [AComboBox](#) component have the method "setPopupIcon(Icon)", you can change the popup icon for your requirements, see the screenshot:



2. Customize the popup component

The [AComboBox](#) component have the method "setPopupComponent(Component)", you can set the component will be display in the drop down menu.

3. Customize the component factory, this is a new feature since [JComponentPack 1.1.0](#), You can configure the popup icon, popup component based the current value's type, the method "setComponentFactory(AbstractComponentFactory)" in [AComboBox](#) can be used for this goal. [AComboBox](#) currently provide a default AbstractComponentFactory, it can configure the Date value to use the calendar popup icon and [JCalendar](#) component, see the article "[JCalendar new features in JComponentPack 1.1.0](#)" for details.

### Sample Code

Configure the [AComboBox](#) component to use the Date value

```
// create the AComboBox
AComboBox comboBox = new AComboBox();
comboBox.setValue(new Date());
// configure the date format
DateCellRenderer renderer = (DateCellRenderer) comboBox.getRenderer();
renderer.setFormat(DateFormat.getDateInstance());
```