

# Virtual Communication LAB

## -labAlive

### **Frequency Modulation and Demodulation**



<https://www.etti.unibw.de/labalive/#overviews>

# labAlive - Installation guide

<https://www.etti.unibw.de/labalive/installation/>

- Click on the above link for labAlive installation and follow the procedure mentioned in it.
- Download Oracle Java (Version 8) from their official website or install the free OpenJDK.
- We recommend the software from adoptopenjdk.net. Version 8 or 11 are long term supported and will do just fine. (Window Users)
- Java Web Start is not implemented in OpenJDK and Oracle Java above version 8. Depending on your installer you can choose to add Web Start during the installation process. If not, you can install it separately with a small browser plug-in called IcedTea.

- Use OpenJDK8 or OpenJDK11
- Download from <https://adoptopenjdk.net/> and follow the steps as in installation guide

## Download for Windows x64

### 1. Choose a Version

- ☒ OpenJDK 8 (LTS)
- ☐ OpenJDK 11 (LTS)
- ☐ OpenJDK 14 (Latest)

### 2. Choose a JVM

[Help Me Choose](#)

- ☒ HotSpot
- ☐ OpenJ9



Latest release

jdk8u252-b09.1

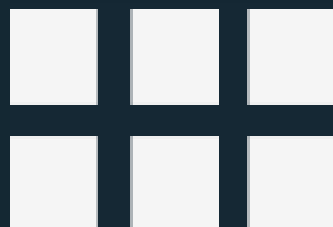


AdoptOpenJDK JDK with Hotspot 11.0.7.10 (x64) Setup



## Welcome to the AdoptOpenJDK JDK with Hotspot 11.0.7.10 (x64) Setup Wizard

The Setup Wizard allows you to change the way AdoptOpenJDK JDK with Hotspot 11.0.7.10 (x64) features are installed on your computer or to remove it from your computer. Click Next to continue or Cancel to exit the Setup Wizard.

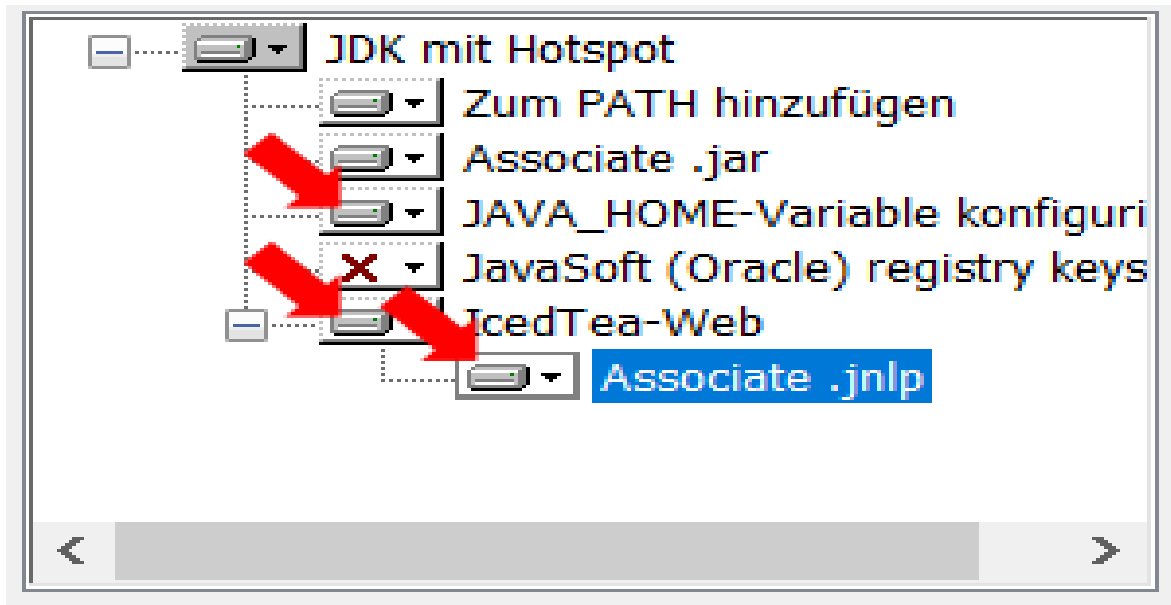


Back

Next

Cancel

- Accept license agreement and click on next, choose following options and then click on next. Install and then finish.

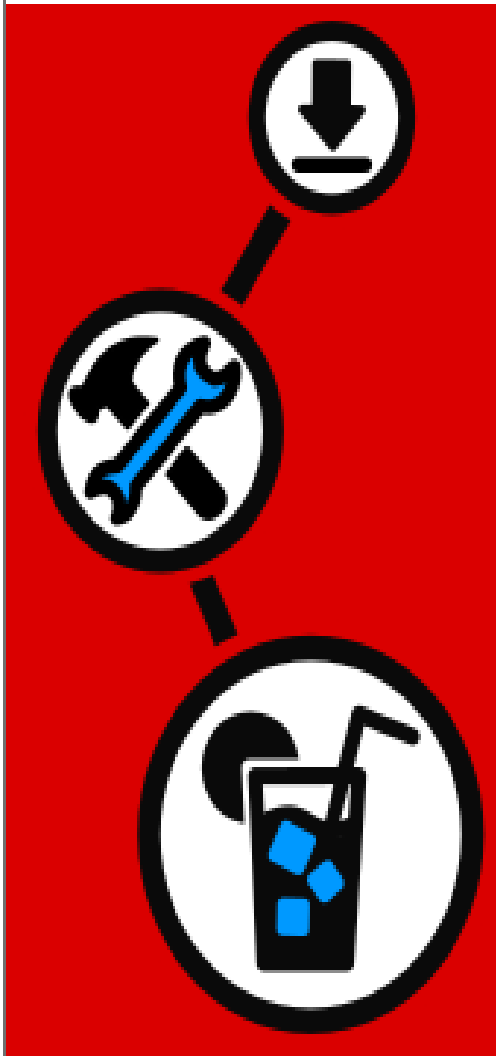


- Now you should be able to open any app in labAlive via the green "Launch"-button.

- To make it a bit more comfortable you can install the IcedTea-Web browser plug-in. This will enable Java Webstart.
- To do so download IcedTea-Web from this site:

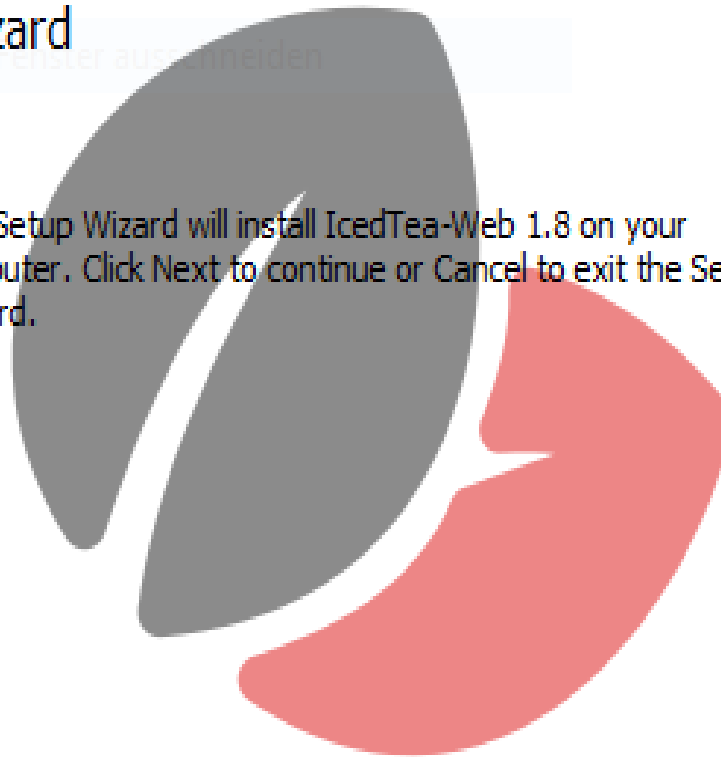
<http://icedtea.wildebeest.org/download/icedtea-web-binaries/1.8/windows/itw-installer.msi>

- After starting the installer you have to confirm some notifications.



## Welcome to the IcedTea-Web 1.8 Setup Wizard

The Setup Wizard will install IcedTea-Web 1.8 on your computer. Click Next to continue or Cancel to exit the Setup Wizard.



Back

Next

Cancel





## IcedTea-Web 1.8 Setup



### End-User License Agreement

Please read the following license agreement carefully



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Version 2, June 1991

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Print

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Next

Cancel



## IcedTea-Web 1.8 Setup



### Destination Folder

Click Next to install to the default folder or click Change to choose another.



Install IcedTea-Web 1.8 to:

C:\Program Files\IcedTeaWeb\WebStart\

Change...

Back

Next

Cancel





IcedTea-Web 1.8 Setup



## Ready to install IcedTea-Web 1.8



Click Install to begin the installation. Click Back to review or change any of your installation settings. Click Cancel to exit the wizard.

Back

Install

Cancel



## IcedTea-Web 1.8 Setup



### Ready to install IcedTea-Web 1.8



Click **Install** to begin the installation. Click **Back** to review or change any of your installation settings. Click **Cancel** to exit the wizard.

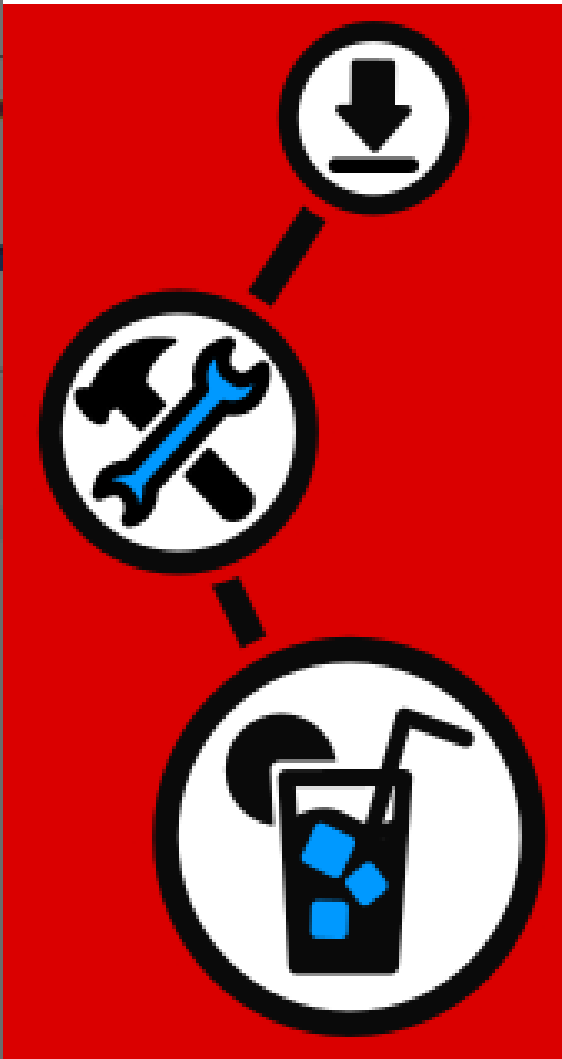
Back

Install

Cancel

## Completed the IcedTea-Web 1.8 Setup Wizard

Click the Finish button to exit the Setup Wizard.



Back

Finish

Cancel

- One last thing to do is to associate \*.jnlp files with IcedTea-Web. Download any \*.jnlp file you want and right-click on it. Choose properties and click on the "change"-button right to the field "open with".
- In the following a file explorer window opens. Go to the IcedTea-Web installation folder (in our case "C:\Program Files\IcedTeaWeb\"). From here change to "WebStart\bin" and double-click the "javaws"-application.
- For example file name is fm.jnlp, then select open with, browse from "C:\Program Files\IcedTeaWeb\“, go to bin and select **javaws**

- Read more about labAlive in the online available manual

<https://www.etti.unibw.de/labalive/manual/>

<https://www.etti.unibw.de/labalive/my/>