LAB 1

Aim: Installation of Java on Linux/Unix machine.
Procedure:

Step 1: Enable WSL
1. Open PowerShell as Administrator
2. Run the command:
   `wsl --install`
3. Restart your computer when prompted.
4. After restart, choose Ubuntu or install it from Microsoft Store.

Step 2: Open Ubuntu (WSL)
- Search for "Ubuntu" in Start Menu and open it.
- It will initialize and ask for a username and password.

Step 3: Update the Package List
`sudo apt update`

Step 4: Install Java (OpenJDK 8 or 11)
- For Java 8:
  `sudo apt install openjdk-8-jdk -y`
- For Java 11:
  `sudo apt install openjdk-11-jdk -y`

Step 5: Verify Java Installation
`java -version`
Expected output:
`openjdk version "1.8.0_xxx" ...`

Step 6: Set JAVA_HOME Environment Variable (Optional)
1. Open `.bashrc` file:
   `nano ~/.bashrc`
2. Add the following lines at the end:
   `export JAVA_HOME=/usr/lib/jvm/java-8-openjdk-amd64`
   `export PATH=$JAVA_HOME/bin:$PATH`
3. Save and exit (Ctrl+X, then Y, then Enter).
4. Reload `.bashrc`:
   `source ~/.bashrc`
5. Verify JAVA_HOME is set:
   `echo $JAVA_HOME`

Conclusion: Java is now installed on a Linux system simulated within Windows (via WSL) without using VirtualBox.

```
PS C:\Users\Hemish> wsl --install Debian
Downloading: Debian GNU/Linux
Installing: Debian GNU/Linux
Distribution successfully installed. It can be launched via 'wsl.exe -d Debian'
Launching Debian...
Please create a default UNIX user account. The username does not need to match your Windows username.
For more information visit: https://aka.ms/wslusers
Enter new UNIX username: hemish
New password:
Retype new password:
passwd: password updated successfully
```

```
hemish@DESKTOP-BHUFHT7:/mnt/c/Users/Hemish$ sudo apt update
[sudo] password for hemish:
Hit:1 http://deb.debian.org/debian trixie InRelease
Get:2 http://security.debian.org/debian-security trixie-security InRelease [43.4 kB]
Get:3 http://ftp.debian.org/debian trixie-backports InRelease [53.3 kB]
Get:4 http://deb.debian.org/debian trixie-updates InRelease [47.1 kB]
Err:3 http://ftp.debian.org/debian trixie-backports InRelease
  Sub-process /usr/bin/sqv returned an error code (1), error message is: Verifying signature:          Not live until 2025-08-12T01:41:50Z Verifying signa
ture:          Not live until 2025-08-12T01:42:25Z
Err:4 http://deb.debian.org/debian trixie-updates InRelease
  Sub-process /usr/bin/sqv returned an error code (1), error message is: Verifying signature:          Not live until 2025-08-12T01:41:53Z Verifying signa
ture:          Not live until 2025-08-12T01:42:27Z
Get:5 http://deb.debian.org/debian trixie/main Translation-en [6,484 kB]
Get:6 http://security.debian.org/debian-security trixie-security/main amd64 Packages [5,304 B]
Get:7 http://security.debian.org/debian-security trixie-security/main Translation-en [6,724 B]
Warning: OpenPGP signature verification failed: http://ftp.debian.org/debian trixie-backports InRelease: Sub-process /usr/bin/sqv returned an error code (1)
, error message is: Verifying signature:          Not live until 2025-08-12T01:41:50Z Verifying signature:          Not live until 2025-08-12T01:42:25Z
Error: The repository 'http://ftp.debian.org/debian trixie-backports InRelease' is not signed.
Notice: Updating from such a repository can't be done securely, and is therefore disabled by default.
Notice: See apt-secure(8) manpage for repository creation and user configuration details.
Warning: OpenPGP signature verification failed: http://deb.debian.org/debian trixie-updates InRelease: Sub-process /usr/bin/sqv returned an error code (1),
error message is: Verifying signature:          Not live until 2025-08-12T01:41:53Z Verifying signature:          Not live until 2025-08-12T01:42:27Z
Error: The repository 'http://deb.debian.org/debian trixie-updates InRelease' is not signed.
Notice: Updating from such a repository can't be done securely, and is therefore disabled by default.
Notice: See apt-secure(8) manpage for repository creation and user configuration details.
```

```
hemish@DESKTOP-BHUFHT7:/mnt/c/Users/Hemish$ sudo apt install openjdk-21-jdk
Installing:
  openjdk-21-jdk

Installing dependencies:
  adwaita-icon-theme          libdeflate0            libpcsclite1            libxdmcp6
  alsa-topology-conf          libdrm-amdgpu1         libpixman-1-0           libxext6
  alsa-ucm-conf               libdrm-common          libpng16-16t64          libxfixes3
  at-spi2-common              libdrm-intel1          librsvg2-2              libxft2
  at-spi2-core                libdrm2                librsvg2-common         libxi6
  ca-certificates             libepoxy0              libsensors-config       libxinerama1
  ca-certificates-java        libffi8                libsensors5             libxkbcommon0
  dbus-user-session           libfontconfig1         libsharpyuv0            libxkbfile1
  dconf-gsettings-backend     libfreetype6           libsm-dev               libxml2
  dconf-service               libfribidi0            libsm6                  libxmu6
  fontconfig                  libgbm1                libtasn1-6              libxmuu1
  fontconfig-config           libgdk-pixbuf-2.0-0    libthai-data            libxpm4
  fonts-dejavu-core           libgdk-pixbuf2.0-bin   libthai0                libxrandr2
  fonts-dejavu-extra          libgdk-pixbuf2.0-common libtiff6               libxrender1
  fonts-dejavu-mono           libgif7                libvulkan1              libxshmfence1
  gsettings-desktop-schemas   libgl1                 libwayland-client0      libxt-dev
  gtk-update-icon-cache       libgl1-mesa-dri        libwayland-cursor0      libxt6t64
  hicolor-icon-theme          libglib2.0-0t64        libwayland-egl1         libxtst6
  java-common                 libglib2.0-data        libwayland-server0      libxv1
  libasound2-data             libglvnd0              libwebp7                libxxf86dga1
  libasound2t64               libglx-mesa0           libx11-6                libxxf86vm1
  libatk-bridge2.0-0t64       libglx0                libx11-data             libz3-4
  libatk-wrapper-java         libgnutls30t64         libx11-dev              linux-libc-dev
  libatk-wrapper-java-jni     libgraphite2-3         libx11-xcb1             luit
  libatk1.0-0t64              libgtk-3-0t64          libxau-dev              manpages
  libatomic1                  libgtk-3-bin           libxau6                 manpages-dev
  libatspi2.0-0t64            libgtk-3-common        libxaw7                 mesa-libgallium
  libavahi-client3            libharfbuzz0b          libxcb-dri3-0           mesa-vulkan-drivers
  libavahi-common-data        libice-dev             libxcb-glx0             openjdk-21-jdk-headless
  libavahi-common3            libice6                libxcb-present0         openjdk-21-jre
  libbrotli1                  libjbig0               libxcb-randr0           openjdk-21-jre-headless
  libc-dev-bin                libjpeg62-turbo        libxcb-render0          openssl
  libc6-dev                   liblcms2-2             libxcb-shape0           rpcsvc-proto
  libcairo-gobject2           liblerc4               libxcb-shm0             shared-mime-info
  libcairo2                   libllvm19              libxcb-sync1            uuid-dev
  libcloudproviders0          libnspr4               libxcb-xfixes0          x11-common
```

```
libcolord2              libnss3              libxcb1           x11-utils
libcrypt-dev            libp11-kit0          libxcb1-dev       x11proto-dev
libcups2t64             libpango-1.0-0       libxcomposite1    xdg-user-dirs
libdatrie1              libpangocairo-1.0-0  libxcursor1       xkb-data
libdav1d7               libpangoft2-1.0-0    libxdamage1       xorg-sgml-doctools
libdconf1               libpciaccess0        libxdmcp-dev      xtrans-dev

Suggested packages:
  adwaita-icon-theme-legacy  colord          liblcms2-utils  libx11-doc     visualvm                fonts-indic
  default-jre                cups-common     pciutils        libxcb-doc     libnss-mdns             mesa-utils
  alsa-utils                 low-memory-monitor  pcscd       libxt-doc      fonts-ipafont-gothic
  libasound2-plugins         gnutls-bin      librsvg2-bin    man-browser    fonts-ipafont-mincho
  libc-devtools              gvfs            lm-sensors      openjdk-21-demo fonts-wqy-microhei
  glibc-doc                  libice-doc      libsm-doc       openjdk-21-source | fonts-wqy-zenhei

Summary:
  Upgrading: 0, Installing: 169, Removing: 0, Not Upgrading: 0
  Download size: 236 MB
  Space needed: 791 MB / 1,026 GB available

Continue? [Y/n] y
Get:1 http://deb.debian.org/debian trixie/main amd64 openssl amd64 3.5.1-1 [1,494 kB]
Get:2 http://deb.debian.org/debian trixie/main amd64 ca-certificates all 20250419 [162 kB]
Get:3 http://deb.debian.org/debian trixie/main amd64 manpages all 6.9.1-1 [1,393 kB]
Get:4 http://deb.debian.org/debian trixie/main amd64 libgdk-pixbuf2.0-common all 2.42.12+dfsg-4 [311 kB]
Get:5 http://deb.debian.org/debian trixie/main amd64 libatomic1 amd64 14.2.0-19 [9,308 B]
Get:6 http://deb.debian.org/debian trixie/main amd64 libffi8 amd64 3.4.8-2 [24.1 kB]
Get:7 http://deb.debian.org/debian trixie/main amd64 libglib2.0-0t64 amd64 2.84.3-1 [1,515 kB]
Get:8 http://deb.debian.org/debian trixie/main amd64 libxml2 amd64 2.12.7+dfsg+really2.9.14-2.1 [698 kB]
Get:9 http://deb.debian.org/debian trixie/main amd64 shared-mime-info amd64 2.4-5+b2 [760 kB]
Get:10 http://deb.debian.org/debian trixie/main amd64 libjpeg62-turbo amd64 1:2.1.5-4 [168 kB]
Get:11 http://deb.debian.org/debian trixie/main amd64 libpng16-16t64 amd64 1.6.48-1 [282 kB]
Get:12 http://deb.debian.org/debian trixie/main amd64 libdeflate0 amd64 1.23-2 [47.3 kB]
Get:13 http://deb.debian.org/debian trixie/main amd64 libjbig0 amd64 2.1-6.1+b2 [32.1 kB]
Get:14 http://deb.debian.org/debian trixie/main amd64 liblerc4 amd64 4.0.0+ds-5 [183 kB]
Get:15 http://deb.debian.org/debian trixie/main amd64 libsharpyuv0 amd64 1.5.0-0.1 [116 kB]
Get:16 http://deb.debian.org/debian trixie/main amd64 libwebp7 amd64 1.5.0-0.1 [318 kB]
Get:17 http://deb.debian.org/debian trixie/main amd64 libtiff6 amd64 4.7.0-3 [346 kB]
Get:18 http://deb.debian.org/debian trixie/main amd64 libgdk-pixbuf-2.0-0 amd64 2.42.12+dfsg-4 [141 kB]
Get:19 http://deb.debian.org/debian trixie/main amd64 gtk-update-icon-cache amd64 4.18.6+ds-2 [52.7 kB]
Get:20 http://deb.debian.org/debian trixie/main amd64 hicolor-icon-theme all 0.18-2 [11.8 kB]
```

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Get:21 http://deb.debian.org/debian trixie/main amd64 adwaita-icon-theme all 48.1-1 [504 kB]
Get:22 http://deb.debian.org/debian trixie/main amd64 alsa-topology-conf all 1.2.5.1-3 [15.3 kB]
Get:23 http://deb.debian.org/debian trixie/main amd64 libasound2-data all 1.2.14-1 [21.1 kB]
Get:24 http://deb.debian.org/debian trixie/main amd64 libasound2t64 amd64 1.2.14-1 [381 kB]
Get:25 http://deb.debian.org/debian trixie/main amd64 alsa-ucm-conf all 1.2.14-1 [92.5 kB]
Get:26 http://deb.debian.org/debian trixie/main amd64 at-spi2-common all 2.56.2-1 [171 kB]
Get:27 http://deb.debian.org/debian trixie/main amd64 libxau6 amd64 1:1.0.11-1 [20.4 kB]
Get:28 http://deb.debian.org/debian trixie/main amd64 libxdmcp6 amd64 1:1.1.5-1 [27.8 kB]
Get:29 http://deb.debian.org/debian trixie/main amd64 libxcb1 amd64 1.17.0-2+b1 [144 kB]
Get:30 http://deb.debian.org/debian trixie/main amd64 libx11-data all 2:1.8.12-1 [343 kB]
Get:31 http://deb.debian.org/debian trixie/main amd64 libx11-6 amd64 2:1.8.12-1 [815 kB]
Get:32 http://deb.debian.org/debian trixie/main amd64 libxext6 amd64 2:1.3.4-1+b3 [50.4 kB]
Get:33 http://deb.debian.org/debian trixie/main amd64 libxi6 amd64 2:1.8.2-1 [78.9 kB]
Get:34 http://deb.debian.org/debian trixie/main amd64 libatspi2.0-0t64 amd64 2.56.2-1 [80.7 kB]
Get:35 http://deb.debian.org/debian trixie/main amd64 x11-common all 1:7.7+24 [217 kB]
Get:36 http://deb.debian.org/debian trixie/main amd64 libxtst6 amd64 2:1.2.5-1 [25.8 kB]
Get:37 http://deb.debian.org/debian trixie/main amd64 dbus-user-session amd64 1.16.2-2 [52.1 kB]
Get:38 http://deb.debian.org/debian trixie/main amd64 libdconf1 amd64 0.40.0-5 [41.8 kB]
Get:39 http://deb.debian.org/debian trixie/main amd64 dconf-service amd64 0.40.0-5 [32.4 kB]
8% [39 dconf-service 533 B/32.4 kB 2%]                        Get:40 http://deb.debian.org/debian
d64 0.40.0-5 [28.6 kB]
Get:41 http://deb.debian.org/debian trixie/main amd64 gsettings-desktop-schemas all 48.0-1 [700 kB]
Get:42 http://deb.debian.org/debian trixie/main amd64 at-spi2-core amd64 2.56.2-1 [61.6 kB]
Get:43 http://deb.debian.org/debian trixie/main amd64 ca-certificates-java all 20240118 [11.6 kB]
Get:44 http://deb.debian.org/debian trixie/main amd64 libbrotli1 amd64 1.1.0-2+b7 [307 kB]
Get:45 http://deb.debian.org/debian trixie/main amd64 libfreetype6 amd64 2.13.3+dfsg-1 [452 kB]
Get:46 http://deb.debian.org/debian trixie/main amd64 fonts-dejavu-mono all 2.37-8 [489 kB]
Get:47 http://deb.debian.org/debian trixie/main amd64 fonts-dejavu-core all 2.37-8 [840 kB]
Get:48 http://deb.debian.org/debian trixie/main amd64 fontconfig-config amd64 2.15.0-2.3 [318 kB]
Get:49 http://deb.debian.org/debian trixie/main amd64 libfontconfig1 amd64 2.15.0-2.3 [392 kB]
Get:50 http://deb.debian.org/debian trixie/main amd64 fontconfig amd64 2.15.0-2.3 [463 kB]
Get:51 http://deb.debian.org/debian trixie/main amd64 fonts-dejavu-extra all 2.37-8 [1,792 kB]
Get:52 http://deb.debian.org/debian trixie/main amd64 java-common all 0.76 [6,776 B]
Get:53 http://deb.debian.org/debian trixie/main amd64 libatk1.0-0t64 amd64 2.56.2-1 [51.9 kB]
Get:54 http://deb.debian.org/debian trixie/main amd64 libatk-bridge2.0-0t64 amd64 2.56.2-1 [68.5 kB]
Get:55 http://deb.debian.org/debian trixie/main amd64 libglvnd0 amd64 1.7.0-1+b2 [52.0 kB]
Get:56 http://deb.debian.org/debian trixie/main amd64 libdrm-common all 2.4.124-2 [8,288 B]
Get:57 http://deb.debian.org/debian trixie/main amd64 libdrm2 amd64 2.4.124-2 [39.0 kB]
Get:58 http://deb.debian.org/debian trixie/main amd64 libx11-xcb1 amd64 2:1.8.12-1 [247 kB]
Get:59 http://deb.debian.org/debian trixie/main amd64 libxcb-dri3-0 amd64 1.17.0-2+b1 [107 kB]
Get:60 http://deb.debian.org/debian trixie/main amd64 libxcb-glx0 amd64 1.17.0-2+b1 [122 kB]
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Get:61 http://deb.debian.org/debian trixie/main amd64 libxcb-present0 amd64 1.17.0-2+b1 [106 kB]
Get:62 http://deb.debian.org/debian trixie/main amd64 libxcb-shm0 amd64 1.17.0-2+b1 [105 kB]
Get:63 http://deb.debian.org/debian trixie/main amd64 libxcb-xfixes0 amd64 1.17.0-2+b1 [109 kB]
Get:64 http://deb.debian.org/debian trixie/main amd64 libxxf86vm1 amd64 1:1.1.4-1+b4 [19.3 kB]
Get:65 http://deb.debian.org/debian trixie/main amd64 libdrm-amdgpu1 amd64 2.4.124-2 [22.6 kB]
Get:66 http://deb.debian.org/debian trixie/main amd64 libpciaccess0 amd64 0.17-3+b3 [51.9 kB]
Get:67 http://deb.debian.org/debian trixie/main amd64 libdrm-intel1 amd64 2.4.124-2 [64.1 kB]
Get:68 http://deb.debian.org/debian trixie/main amd64 libz3-4 amd64 4.13.3-1 [8,560 kB]
Get:69 http://deb.debian.org/debian trixie/main amd64 libllvm19 amd64 1:19.1.7-3+b1 [26.0 MB]
23% [69 libllvm19 17.1 MB/26.0 MB 66%]                    1,075 kB/s 2minGet:70 http://deb.debian.org/debian
 [16.2 kB]
Get:71 http://deb.debian.org/debian trixie/main amd64 libsensors5 amd64 1:3.6.2-2 [37.5 kB]
Get:72 http://deb.debian.org/debian trixie/main amd64 libxcb-randr0 amd64 1.17.0-2+b1 [117 kB]
Get:73 http://deb.debian.org/debian trixie/main amd64 libxcb-sync1 amd64 1.17.0-2+b1 [109 kB]
Get:74 http://deb.debian.org/debian trixie/main amd64 libxshmfence1 amd64 1.3.3-1 [10.9 kB]
Get:75 http://deb.debian.org/debian trixie/main amd64 mesa-libgallium amd64 25.0.7-2 [9,629 kB]
Get:76 http://deb.debian.org/debian trixie/main amd64 libwayland-server0 amd64 1.23.1-3 [34.4 kB]
Get:77 http://deb.debian.org/debian trixie/main amd64 libgbm1 amd64 25.0.7-2 [44.4 kB]
Get:78 http://deb.debian.org/debian trixie/main amd64 libvulkan1 amd64 1.4.309.0-1 [130 kB]
Get:79 http://deb.debian.org/debian trixie/main amd64 libgl1-mesa-dri amd64 25.0.7-2 [46.1 kB]
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Get:81 http://deb.debian.org/debian trixie/main amd64 libglx0 amd64 1.7.0-1+b2 [34.9 kB]
Get:82 http://deb.debian.org/debian trixie/main amd64 libgl1 amd64 1.7.0-1+b2 [89.5 kB]
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Get:84 http://deb.debian.org/debian trixie/main amd64 libsm6 amd64 2:1.2.6-1 [37.3 kB]
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Get:87 http://deb.debian.org/debian trixie/main amd64 libxpm4 amd64 1:3.5.17-1+b3 [56.2 kB]
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Get:89 http://deb.debian.org/debian trixie/main amd64 libxcb-shape0 amd64 1.17.0-2+b1 [106 kB]
Get:90 http://deb.debian.org/debian trixie/main amd64 libxcomposite1 amd64 1:0.4.6-1 [16.3 kB]
Get:91 http://deb.debian.org/debian trixie/main amd64 libxrender1 amd64 1:0.9.12-1 [27.9 kB]
Get:92 http://deb.debian.org/debian trixie/main amd64 libxft2 amd64 2.3.6-1+b4 [54.5 kB]
Get:93 http://deb.debian.org/debian trixie/main amd64 libxinerama1 amd64 2:1.1.4-3+b4 [16.0 kB]
Get:94 http://deb.debian.org/debian trixie/main amd64 libxkbfile1 amd64 1:1.1.0-1+b4 [76.5 kB]
Get:95 http://deb.debian.org/debian trixie/main amd64 libxmuu1 amd64 2:1.1.3-3+b4 [21.9 kB]
Get:96 http://deb.debian.org/debian trixie/main amd64 libxrandr2 amd64 2:1.5.4-1+b3 [36.3 kB]
Get:97 http://deb.debian.org/debian trixie/main amd64 libxv1 amd64 2:1.0.11-1.1+b3 [23.4 kB]
Get:98 http://deb.debian.org/debian trixie/main amd64 libxxf86dga1 amd64 2:1.1.5-1+b3 [20.8 kB]
Get:99 http://deb.debian.org/debian trixie/main amd64 x11-utils amd64 7.7+7 [182 kB]
Get:100 http://deb.debian.org/debian trixie/main amd64 libatk-wrapper-java all 0.40.0-3 [63.4 kB]
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Get:101 http://deb.debian.org/debian trixie/main amd64 libatk-wrapper-java-jni amd64 0.40.0-3+b3 [53.6 kB]
Get:102 http://deb.debian.org/debian trixie/main amd64 libavahi-common-data amd64 0.8-16 [112 kB]
Get:103 http://deb.debian.org/debian trixie/main amd64 libavahi-common3 amd64 0.8-16 [44.2 kB]
Get:104 http://deb.debian.org/debian trixie/main amd64 libavahi-client3 amd64 0.8-16 [48.4 kB]
Get:105 http://deb.debian.org/debian trixie/main amd64 libc-dev-bin amd64 2.41-12 [58.2 kB]
Get:106 http://deb.debian.org/debian trixie/main amd64 linux-libc-dev all 6.12.38-1 [2,627 kB]
Get:107 http://deb.debian.org/debian trixie/main amd64 libcrypt-dev amd64 1:4.4.38-1 [119 kB]
Get:108 http://deb.debian.org/debian trixie/main amd64 rpcsvc-proto amd64 1.4.3-1 [63.3 kB]
Get:109 http://deb.debian.org/debian trixie/main amd64 libc6-dev amd64 2.41-12 [1,991 kB]
Get:110 http://deb.debian.org/debian trixie/main amd64 libpixman-1-0 amd64 0.44.0-3 [248 kB]
Get:111 http://deb.debian.org/debian trixie/main amd64 libxcb-render0 amd64 1.17.0-2+b1 [115 kB]
Get:112 http://deb.debian.org/debian trixie/main amd64 libcairo2 amd64 1.18.4-1+b1 [538 kB]
Get:113 http://deb.debian.org/debian trixie/main amd64 libcairo-gobject2 amd64 1.18.4-1+b1 [130 kB]
Get:114 http://deb.debian.org/debian trixie/main amd64 libcloudproviders0 amd64 0.3.6-2 [29.2 kB]
Get:115 http://deb.debian.org/debian trixie/main amd64 liblcms2-2 amd64 2.16-2 [160 kB]
Get:116 http://deb.debian.org/debian trixie/main amd64 libcolord2 amd64 1.4.7-3 [139 kB]
Get:117 http://deb.debian.org/debian trixie/main amd64 libp11-kit0 amd64 0.25.5-3 [425 kB]
Get:118 http://deb.debian.org/debian trixie/main amd64 libtasn1-6 amd64 4.20.0-2 [49.9 kB]
Get:119 http://deb.debian.org/debian trixie/main amd64 libgnutls30t64 amd64 3.8.9-3 [1,465 kB]
Get:120 http://deb.debian.org/debian trixie/main amd64 libcups2t64 amd64 2.4.10-3 [251 kB]
Get:121 http://deb.debian.org/debian trixie/main amd64 libdatrie1 amd64 0.2.13-3+b1 [38.1 kB]
Get:122 http://deb.debian.org/debian trixie/main amd64 libdav1d7 amd64 1.5.1-1 [559 kB]
Get:123 http://deb.debian.org/debian trixie/main amd64 libepoxy0 amd64 1.5.10-2 [193 kB]
Get:124 http://deb.debian.org/debian trixie/main amd64 libfribidi0 amd64 1.0.16-1 [26.5 kB]
Get:125 http://deb.debian.org/debian trixie/main amd64 libgdk-pixbuf2.0-bin amd64 2.42.12+dfsg-4 [18.8 kB]
Get:126 http://deb.debian.org/debian trixie/main amd64 libgif7 amd64 5.2.2-1+b1 [44.2 kB]
Get:127 http://deb.debian.org/debian trixie/main amd64 libglib2.0-data all 2.84.3-1 [1,285 kB]
Get:128 http://deb.debian.org/debian trixie/main amd64 libgraphite2-3 amd64 1.3.14-2+b1 [75.4 kB]
Get:129 http://deb.debian.org/debian trixie/main amd64 libharfbuzz0b amd64 10.2.0-1+b1 [479 kB]
Get:130 http://deb.debian.org/debian trixie/main amd64 libthai-data all 0.1.29-2 [168 kB]
Get:131 http://deb.debian.org/debian trixie/main amd64 libthai0 amd64 0.1.29-2+b1 [49.4 kB]
Get:132 http://deb.debian.org/debian trixie/main amd64 libpango-1.0-0 amd64 1.56.3-1 [226 kB]
Get:133 http://deb.debian.org/debian trixie/main amd64 libpangoft2-1.0-0 amd64 1.56.3-1 [55.6 kB]
Get:134 http://deb.debian.org/debian trixie/main amd64 libpangocairo-1.0-0 amd64 1.56.3-1 [35.7 kB]
Get:135 http://deb.debian.org/debian trixie/main amd64 libwayland-client0 amd64 1.23.1-3 [26.8 kB]
Get:136 http://deb.debian.org/debian trixie/main amd64 libwayland-cursor0 amd64 1.23.1-3 [11.9 kB]
Get:137 http://deb.debian.org/debian trixie/main amd64 libwayland-egl1 amd64 1.23.1-3 [5,860 B]
Get:138 http://deb.debian.org/debian trixie/main amd64 libxfixes3 amd64 1:6.0.0-2+b4 [20.2 kB]
Get:139 http://deb.debian.org/debian trixie/main amd64 libxcursor1 amd64 1:1.2.3-1 [39.7 kB]
Get:140 http://deb.debian.org/debian trixie/main amd64 libxdamage1 amd64 1:1.1.6-1+b2 [15.5 kB]
Get:141 http://deb.debian.org/debian trixie/main amd64 xkb-data all 2.42-1 [790 kB]
```

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Get:142 http://deb.debian.org/debian trixie/main amd64 libxkbcommon0 amd64 1.7.0-2 [113 kB]
Get:143 http://deb.debian.org/debian trixie/main amd64 libgtk-3-common all 3.24.49-3 [4,908 kB]
Get:144 http://deb.debian.org/debian trixie/main amd64 libgtk-3-0t64 amd64 3.24.49-3 [2,769 kB]
Get:145 http://deb.debian.org/debian trixie/main amd64 libgtk-3-bin amd64 3.24.49-3 [86.5 kB]
Get:146 http://deb.debian.org/debian trixie/main amd64 xorg-sgml-doctools all 1:1.11-1.1 [22.1 kB]
Get:147 http://deb.debian.org/debian trixie/main amd64 x11proto-dev all 2024.1-1 [603 kB]
Get:148 http://deb.debian.org/debian trixie/main amd64 libice-dev amd64 2:1.1.1-1 [73.8 kB]
Get:149 http://deb.debian.org/debian trixie/main amd64 libnspr4 amd64 2:4.36-1 [110 kB]
Get:150 http://deb.debian.org/debian trixie/main amd64 libnss3 amd64 2:3.110-1 [1,393 kB]
Get:151 http://deb.debian.org/debian trixie/main amd64 libpcsclite1 amd64 2.3.3-1 [55.2 kB]
Get:152 http://deb.debian.org/debian trixie/main amd64 librsvg2-2 amd64 2.60.0+dfsg-1 [1,789 kB]
Get:153 http://deb.debian.org/debian trixie/main amd64 librsvg2-common amd64 2.60.0+dfsg-1 [154 kB]
Get:154 http://deb.debian.org/debian trixie/main amd64 uuid-dev amd64 2.41-5 [48.8 kB]
Get:155 http://deb.debian.org/debian trixie/main amd64 libsm-dev amd64 2:1.2.6-1 [39.7 kB]
Get:156 http://deb.debian.org/debian trixie/main amd64 libxau-dev amd64 1:1.0.11-1 [23.6 kB]
Get:157 http://deb.debian.org/debian trixie/main amd64 libxdmcp-dev amd64 1:1.1.5-1 [44.3 kB]
Get:158 http://deb.debian.org/debian trixie/main amd64 xtrans-dev all 1.4.0-1 [98.7 kB]
Get:159 http://deb.debian.org/debian trixie/main amd64 libxcb1-dev amd64 1.17.0-2+b1 [181 kB]
Get:160 http://deb.debian.org/debian trixie/main amd64 libx11-dev amd64 2:1.8.12-1 [894 kB]
Get:161 http://deb.debian.org/debian trixie/main amd64 libxt-dev amd64 1:1.2.1-1.2+b2 [407 kB]
Get:162 http://deb.debian.org/debian trixie/main amd64 luit amd64 2.0.20240910-1 [55.1 kB]
Get:163 http://deb.debian.org/debian trixie/main amd64 manpages-dev all 6.9.1-1 [2,122 kB]
Get:164 http://deb.debian.org/debian trixie/main amd64 mesa-vulkan-drivers amd64 25.0.7-2 [14.2 MB]
Get:165 http://deb.debian.org/debian trixie/main amd64 openjdk-21-jre-headless amd64 21.0.8+9-1 [41.8 MB]
Get:166 http://deb.debian.org/debian trixie/main amd64 openjdk-21-jre amd64 21.0.8+9-1 [205 kB]
Get:167 http://deb.debian.org/debian trixie/main amd64 openjdk-21-jdk-headless amd64 21.0.8+9-1 [82.9 MB]
Get:168 http://deb.debian.org/debian trixie/main amd64 openjdk-21-jdk amd64 21.0.8+9-1 [3,624 kB]
Get:169 http://deb.debian.org/debian trixie/main amd64 xdg-user-dirs amd64 0.18-2 [53.2 kB]
Fetched 236 MB in 6min 13s (633 kB/s)
Extracting templates from packages: 100%
Preconfiguring packages ...
Selecting previously unselected package openssl.
(Reading database ... 8706 files and directories currently installed.)
Preparing to unpack .../000-openssl_3.5.1-1_amd64.deb ...
Unpacking openssl (3.5.1-1) ...
Selecting previously unselected package ca-certificates.
Preparing to unpack .../001-ca-certificates_20250419_all.deb ...
Unpacking ca-certificates (20250419) ...
Selecting previously unselected package manpages.
Preparing to unpack .../002-manpages_6.9.1-1_all.deb ...
Unpacking manpages (6.9.1-1) ...
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Selecting previously unselected package libgdk-pixbuf2.0-common.
Preparing to unpack .../003-libgdk-pixbuf2.0-common_2.42.12+dfsg-4_all.deb ...
Unpacking libgdk-pixbuf2.0-common (2.42.12+dfsg-4) ...
Selecting previously unselected package libatomic1:amd64.
Preparing to unpack .../004-libatomic1_14.2.0-19_amd64.deb ...
Unpacking libatomic1:amd64 (14.2.0-19) ...
Selecting previously unselected package libffi8:amd64.
Preparing to unpack .../005-libffi8_3.4.8-2_amd64.deb ...
Unpacking libffi8:amd64 (3.4.8-2) ...
Selecting previously unselected package libglib2.0-0t64:amd64.
Preparing to unpack .../006-libglib2.0-0t64_2.84.3-1_amd64.deb ...
Unpacking libglib2.0-0t64:amd64 (2.84.3-1) ...
Selecting previously unselected package libxml2:amd64.
Preparing to unpack .../007-libxml2_2.12.7+dfsg+really2.9.14-2.1_amd64.deb ...
Unpacking libxml2:amd64 (2.12.7+dfsg+really2.9.14-2.1) ...
Selecting previously unselected package shared-mime-info.
Preparing to unpack .../008-shared-mime-info_2.4-5+b2_amd64.deb ...
Unpacking shared-mime-info (2.4-5+b2) ...
Selecting previously unselected package libjpeg62-turbo:amd64.
Preparing to unpack .../009-libjpeg62-turbo_1%3a2.1.5-4_amd64.deb ...
Unpacking libjpeg62-turbo:amd64 (1:2.1.5-4) ...
Selecting previously unselected package libpng16-16t64:amd64.
Preparing to unpack .../010-libpng16-16t64_1.6.48-1_amd64.deb ...
Unpacking libpng16-16t64:amd64 (1.6.48-1) ...
Selecting previously unselected package libdeflate0:amd64.
Preparing to unpack .../011-libdeflate0_1.23-2_amd64.deb ...
Unpacking libdeflate0:amd64 (1.23-2) ...
Selecting previously unselected package libjbig0:amd64.
Preparing to unpack .../012-libjbig0_2.1-6.1+b2_amd64.deb ...
Unpacking libjbig0:amd64 (2.1-6.1+b2) ...
Selecting previously unselected package liblerc4:amd64.
Preparing to unpack .../013-liblerc4_4.0.0+ds-5_amd64.deb ...
Unpacking liblerc4:amd64 (4.0.0+ds-5) ...
Selecting previously unselected package libsharpyuv0:amd64.
Preparing to unpack .../014-libsharpyuv0_1.5.0-0.1_amd64.deb ...
Unpacking libsharpyuv0:amd64 (1.5.0-0.1) ...
Selecting previously unselected package libwebp7:amd64.
Preparing to unpack .../015-libwebp7_1.5.0-0.1_amd64.deb ...
Unpacking libwebp7:amd64 (1.5.0-0.1) ...
Selecting previously unselected package libtiff6:amd64.
Preparing to unpack .../016-libtiff6_4.7.0-3_amd64.deb ...
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Unpacking libtiff6:amd64 (4.7.0-3) ...
Selecting previously unselected package libgdk-pixbuf-2.0-0:amd64.
Preparing to unpack .../017-libgdk-pixbuf-2.0-0_2.42.12+dfsg-4_amd64.deb ...
Unpacking libgdk-pixbuf-2.0-0:amd64 (2.42.12+dfsg-4) ...
Selecting previously unselected package gtk-update-icon-cache.
Preparing to unpack .../018-gtk-update-icon-cache_4.18.6+ds-2_amd64.deb ...
No diversion 'diversion of /usr/sbin/update-icon-caches to /usr/sbin/update-icon-caches.gtk2 by libgtk-3-bin', none removed.
No diversion 'diversion of /usr/share/man/man8/update-icon-caches.8.gz to /usr/share/man/man8/update-icon-caches.gtk2.8.gz by libgtk-3-bin', none removed.
Unpacking gtk-update-icon-cache (4.18.6+ds-2) ...
Selecting previously unselected package hicolor-icon-theme.
Preparing to unpack .../019-hicolor-icon-theme_0.18-2_all.deb ...
Unpacking hicolor-icon-theme (0.18-2) ...
Selecting previously unselected package adwaita-icon-theme.
Preparing to unpack .../020-adwaita-icon-theme_48.1-1_all.deb ...
Unpacking adwaita-icon-theme (48.1-1) ...
Selecting previously unselected package alsa-topology-conf.
Preparing to unpack .../021-alsa-topology-conf_1.2.5.1-3_all.deb ...
Unpacking alsa-topology-conf (1.2.5.1-3) ...
Selecting previously unselected package libasound2-data.
Preparing to unpack .../022-libasound2-data_1.2.14-1_all.deb ...
Unpacking libasound2-data (1.2.14-1) ...
Selecting previously unselected package libasound2t64:amd64.
Preparing to unpack .../023-libasound2t64_1.2.14-1_amd64.deb ...
Unpacking libasound2t64:amd64 (1.2.14-1) ...
Selecting previously unselected package alsa-ucm-conf.
Preparing to unpack .../024-alsa-ucm-conf_1.2.14-1_all.deb ...
Unpacking alsa-ucm-conf (1.2.14-1) ...
Selecting previously unselected package at-spi2-common.
Preparing to unpack .../025-at-spi2-common_2.56.2-1_all.deb ...
Unpacking at-spi2-common (2.56.2-1) ...
Selecting previously unselected package libxau6:amd64.
Preparing to unpack .../026-libxau6_1%3a1.0.11-1_amd64.deb ...
Unpacking libxau6:amd64 (1:1.0.11-1) ...
Selecting previously unselected package libxdmcp6:amd64.
Preparing to unpack .../027-libxdmcp6_1%3a1.1.5-1_amd64.deb ...
Unpacking libxdmcp6:amd64 (1:1.1.5-1) ...
Selecting previously unselected package libxcb1:amd64.
Preparing to unpack .../028-libxcb1_1.17.0-2+b1_amd64.deb ...
Unpacking libxcb1:amd64 (1.17.0-2+b1) ...
Selecting previously unselected package libx11-data.
Preparing to unpack .../029-libx11-data_2%3a1.8.12-1_all.deb ...
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Unpacking libx11-6:amd64 (2:1.8.12-1) ...
Selecting previously unselected package libxext6:amd64.
Preparing to unpack .../031-libxext6_2%3a1.3.4-1+b3_amd64.deb ...
Unpacking libxext6:amd64 (2:1.3.4-1+b3) ...
Selecting previously unselected package libxi6:amd64.
Preparing to unpack .../032-libxi6_2%3a1.8.2-1_amd64.deb ...
Unpacking libxi6:amd64 (2:1.8.2-1) ...
Selecting previously unselected package libatspi2.0-0t64:amd64.
Preparing to unpack .../033-libatspi2.0-0t64_2.56.2-1_amd64.deb ...
Unpacking libatspi2.0-0t64:amd64 (2.56.2-1) ...
Selecting previously unselected package x11-common.
Preparing to unpack .../034-x11-common_1%3a7.7+24_all.deb ...
Unpacking x11-common (1:7.7+24) ...
Selecting previously unselected package libxtst6:amd64.
Preparing to unpack .../035-libxtst6_2%3a1.2.5-1_amd64.deb ...
Unpacking libxtst6:amd64 (2:1.2.5-1) ...
Selecting previously unselected package dbus-user-session.
Preparing to unpack .../036-dbus-user-session_1.16.2-2_amd64.deb ...
Unpacking dbus-user-session (1.16.2-2) ...
Selecting previously unselected package libdconf1:amd64.
Preparing to unpack .../037-libdconf1_0.40.0-5_amd64.deb ...
Unpacking libdconf1:amd64 (0.40.0-5) ...
Selecting previously unselected package dconf-service.
Preparing to unpack .../038-dconf-service_0.40.0-5_amd64.deb ...
Unpacking dconf-service (0.40.0-5) ...
Selecting previously unselected package dconf-gsettings-backend:amd64.
Preparing to unpack .../039-dconf-gsettings-backend_0.40.0-5_amd64.deb ...
Unpacking dconf-gsettings-backend:amd64 (0.40.0-5) ...
Selecting previously unselected package gsettings-desktop-schemas.
Preparing to unpack .../040-gsettings-desktop-schemas_48.0-1_all.deb ...
Unpacking gsettings-desktop-schemas (48.0-1) ...
Selecting previously unselected package at-spi2-core.
Preparing to unpack .../041-at-spi2-core_2.56.2-1_amd64.deb ...
Unpacking at-spi2-core (2.56.2-1) ...
Selecting previously unselected package ca-certificates-java.
Preparing to unpack .../042-ca-certificates-java_20240118_all.deb ...
Unpacking ca-certificates-java (20240118) ...
Selecting previously unselected package libbrotli1:amd64.
Preparing to unpack .../043-libbrotli1_1.1.0-2+b7_amd64.deb ...
Unpacking libbrotli1:amd64 (1.1.0-2+b7) ...
Selecting previously unselected package libfreetype6:amd64.
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Selecting previously unselected package libfreetype6:amd64.
Preparing to unpack .../044-libfreetype6_2.13.3+dfsg-1_amd64.deb ...
Unpacking libfreetype6:amd64 (2.13.3+dfsg-1) ...
Selecting previously unselected package fonts-dejavu-mono.
Preparing to unpack .../045-fonts-dejavu-mono_2.37-8_all.deb ...
Unpacking fonts-dejavu-mono (2.37-8) ...
Selecting previously unselected package fonts-dejavu-core.
Preparing to unpack .../046-fonts-dejavu-core_2.37-8_all.deb ...
Unpacking fonts-dejavu-core (2.37-8) ...
Selecting previously unselected package fontconfig-config.
Preparing to unpack .../047-fontconfig-config_2.15.0-2.3_amd64.deb ...
Unpacking fontconfig-config (2.15.0-2.3) ...
Selecting previously unselected package libfontconfig1:amd64.
Preparing to unpack .../048-libfontconfig1_2.15.0-2.3_amd64.deb ...
Unpacking libfontconfig1:amd64 (2.15.0-2.3) ...
Selecting previously unselected package fontconfig.
Preparing to unpack .../049-fontconfig_2.15.0-2.3_amd64.deb ...
Unpacking fontconfig (2.15.0-2.3) ...
Selecting previously unselected package fonts-dejavu-extra.
Preparing to unpack .../050-fonts-dejavu-extra_2.37-8_all.deb ...
Unpacking fonts-dejavu-extra (2.37-8) ...
Selecting previously unselected package java-common.
Preparing to unpack .../051-java-common_0.76_all.deb ...
Unpacking java-common (0.76) ...
Selecting previously unselected package libatk1.0-0t64:amd64.
Preparing to unpack .../052-libatk1.0-0t64_2.56.2-1_amd64.deb ...
Unpacking libatk1.0-0t64:amd64 (2.56.2-1) ...
Selecting previously unselected package libatk-bridge2.0-0t64:amd64.
Preparing to unpack .../053-libatk-bridge2.0-0t64_2.56.2-1_amd64.deb ...
Unpacking libatk-bridge2.0-0t64:amd64 (2.56.2-1) ...
Selecting previously unselected package libglvnd0:amd64.
Preparing to unpack .../054-libglvnd0_1.7.0-1+b2_amd64.deb ...
Unpacking libglvnd0:amd64 (1.7.0-1+b2) ...
Selecting previously unselected package libdrm-common.
Preparing to unpack .../055-libdrm-common_2.4.124-2_all.deb ...
Unpacking libdrm-common (2.4.124-2) ...
Selecting previously unselected package libdrm2:amd64.
Preparing to unpack .../056-libdrm2_2.4.124-2_amd64.deb ...
Unpacking libdrm2:amd64 (2.4.124-2) ...
Selecting previously unselected package libx11-xcb1:amd64.
Preparing to unpack .../057-libx11-xcb1_2%3a1.8.12-1_amd64.deb ...
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Unpacking libx11-xcb1:amd64 (2:1.8.12-1) ...
Selecting previously unselected package libxcb-dri3-0:amd64.
Preparing to unpack .../058-libxcb-dri3-0_1.17.0-2+b1_amd64.deb ...
Unpacking libxcb-dri3-0:amd64 (1.17.0-2+b1) ...
Selecting previously unselected package libxcb-glx0:amd64.
Preparing to unpack .../059-libxcb-glx0_1.17.0-2+b1_amd64.deb ...
Unpacking libxcb-glx0:amd64 (1.17.0-2+b1) ...
Selecting previously unselected package libxcb-present0:amd64.
Preparing to unpack .../060-libxcb-present0_1.17.0-2+b1_amd64.deb ...
Unpacking libxcb-present0:amd64 (1.17.0-2+b1) ...
Selecting previously unselected package libxcb-shm0:amd64.
Preparing to unpack .../061-libxcb-shm0_1.17.0-2+b1_amd64.deb ...
Unpacking libxcb-shm0:amd64 (1.17.0-2+b1) ...
Selecting previously unselected package libxcb-xfixes0:amd64.
Preparing to unpack .../062-libxcb-xfixes0_1.17.0-2+b1_amd64.deb ...
Unpacking libxcb-xfixes0:amd64 (1.17.0-2+b1) ...
Selecting previously unselected package libxxf86vm1:amd64.
Preparing to unpack .../063-libxxf86vm1_1%3a1.1.4-1+b4_amd64.deb ...
Unpacking libxxf86vm1:amd64 (1:1.1.4-1+b4) ...
Selecting previously unselected package libdrm-amdgpu1:amd64.
Preparing to unpack .../064-libdrm-amdgpu1_2.4.124-2_amd64.deb ...
Unpacking libdrm-amdgpu1:amd64 (2.4.124-2) ...
Selecting previously unselected package libpciaccess0:amd64.
Preparing to unpack .../065-libpciaccess0_0.17-3+b3_amd64.deb ...
Unpacking libpciaccess0:amd64 (0.17-3+b3) ...
Selecting previously unselected package libdrm-intel1:amd64.
Preparing to unpack .../066-libdrm-intel1_2.4.124-2_amd64.deb ...
Unpacking libdrm-intel1:amd64 (2.4.124-2) ...
Selecting previously unselected package libz3-4:amd64.
Preparing to unpack .../067-libz3-4_4.13.3-1_amd64.deb ...
Unpacking libz3-4:amd64 (4.13.3-1) ...
Selecting previously unselected package libllvm19:amd64.
Preparing to unpack .../068-libllvm19_1%3a19.1.7-3+b1_amd64.deb ...
Unpacking libllvm19:amd64 (1:19.1.7-3+b1) ...
Selecting previously unselected package libsensors-config.
Preparing to unpack .../069-libsensors-config_1%3a3.6.2-2_all.deb ...
Unpacking libsensors-config (1:3.6.2-2) ...
Selecting previously unselected package libsensors5:amd64.
Preparing to unpack .../070-libsensors5_1%3a3.6.2-2_amd64.deb ...
Unpacking libsensors5:amd64 (1:3.6.2-2) ...
Selecting previously unselected package libxcb-randr0:amd64.
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Preparing to unpack .../071-libxcb-randr0_1.17.0-2+b1_amd64.deb ...
Unpacking libxcb-randr0:amd64 (1.17.0-2+b1) ...
Selecting previously unselected package libxcb-sync1:amd64.
Preparing to unpack .../072-libxcb-sync1_1.17.0-2+b1_amd64.deb ...
Unpacking libxcb-sync1:amd64 (1.17.0-2+b1) ...
Selecting previously unselected package libxshmfence1:amd64.
Preparing to unpack .../073-libxshmfence1_1.3.3-1_amd64.deb ...
Unpacking libxshmfence1:amd64 (1.3.3-1) ...
Selecting previously unselected package mesa-libgallium:amd64.
Preparing to unpack .../074-mesa-libgallium_25.0.7-2_amd64.deb ...
Unpacking mesa-libgallium:amd64 (25.0.7-2) ...
Selecting previously unselected package libwayland-server0:amd64.
Preparing to unpack .../075-libwayland-server0_1.23.1-3_amd64.deb ...
Unpacking libwayland-server0:amd64 (1.23.1-3) ...
Selecting previously unselected package libgbm1:amd64.
Preparing to unpack .../076-libgbm1_25.0.7-2_amd64.deb ...
Unpacking libgbm1:amd64 (25.0.7-2) ...
Selecting previously unselected package libvulkan1:amd64.
Preparing to unpack .../077-libvulkan1_1.4.309.0-1_amd64.deb ...
Unpacking libvulkan1:amd64 (1.4.309.0-1) ...
Selecting previously unselected package libgl1-mesa-dri:amd64.
Preparing to unpack .../078-libgl1-mesa-dri_25.0.7-2_amd64.deb ...
Unpacking libgl1-mesa-dri:amd64 (25.0.7-2) ...
Selecting previously unselected package libglx-mesa0:amd64.
Preparing to unpack .../079-libglx-mesa0_25.0.7-2_amd64.deb ...
Unpacking libglx-mesa0:amd64 (25.0.7-2) ...
Selecting previously unselected package libglx0:amd64.
Preparing to unpack .../080-libglx0_1.7.0-1+b2_amd64.deb ...
Unpacking libglx0:amd64 (1.7.0-1+b2) ...
Selecting previously unselected package libgl1:amd64.
Preparing to unpack .../081-libgl1_1.7.0-1+b2_amd64.deb ...
Unpacking libgl1:amd64 (1.7.0-1+b2) ...
Selecting previously unselected package libice6:amd64.
Preparing to unpack .../082-libice6_2%3a1.1.1-1_amd64.deb ...
Unpacking libice6:amd64 (2:1.1.1-1) ...
Selecting previously unselected package libsm6:amd64.
Preparing to unpack .../083-libsm6_2%3a1.2.6-1_amd64.deb ...
Unpacking libsm6:amd64 (2:1.2.6-1) ...
Selecting previously unselected package libxt6t64:amd64.
Preparing to unpack .../084-libxt6t64_1%3a1.2.1-1.2+b2_amd64.deb ...
Unpacking libxt6t64:amd64 (1:1.2.1-1.2+b2) ...
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Selecting previously unselected package libxmu6:amd64.
Preparing to unpack .../085-libxmu6_2%3a1.1.3-3+b4_amd64.deb ...
Unpacking libxmu6:amd64 (2:1.1.3-3+b4) ...
Selecting previously unselected package libxpm4:amd64.
Preparing to unpack .../086-libxpm4_1%3a3.5.17-1+b3_amd64.deb ...
Unpacking libxpm4:amd64 (1:3.5.17-1+b3) ...
Selecting previously unselected package libxaw7:amd64.
Preparing to unpack .../087-libxaw7_2%3a1.0.16-1_amd64.deb ...
Unpacking libxaw7:amd64 (2:1.0.16-1) ...
Selecting previously unselected package libxcb-shape0:amd64.
Preparing to unpack .../088-libxcb-shape0_1.17.0-2+b1_amd64.deb ...
Unpacking libxcb-shape0:amd64 (1.17.0-2+b1) ...
Selecting previously unselected package libxcomposite1:amd64.
Preparing to unpack .../089-libxcomposite1_1%3a0.4.6-1_amd64.deb ...
Unpacking libxcomposite1:amd64 (1:0.4.6-1) ...
Selecting previously unselected package libxrender1:amd64.
Preparing to unpack .../090-libxrender1_1%3a0.9.12-1_amd64.deb ...
Unpacking libxrender1:amd64 (1:0.9.12-1) ...
Selecting previously unselected package libxft2:amd64.
Preparing to unpack .../091-libxft2_2.3.6-1+b4_amd64.deb ...
Unpacking libxft2:amd64 (2.3.6-1+b4) ...
Selecting previously unselected package libxinerama1:amd64.
Preparing to unpack .../092-libxinerama1_2%3a1.1.4-3+b4_amd64.deb ...
Unpacking libxinerama1:amd64 (2:1.1.4-3+b4) ...
Selecting previously unselected package libxkbfile1:amd64.
Preparing to unpack .../093-libxkbfile1_1%3a1.1.0-1+b4_amd64.deb ...
Unpacking libxkbfile1:amd64 (1:1.1.0-1+b4) ...
Selecting previously unselected package libxmuu1:amd64.
Preparing to unpack .../094-libxmuu1_2%3a1.1.3-3+b4_amd64.deb ...
Unpacking libxmuu1:amd64 (2:1.1.3-3+b4) ...
Selecting previously unselected package libxrandr2:amd64.
Preparing to unpack .../095-libxrandr2_2%3a1.5.4-1+b3_amd64.deb ...
Unpacking libxrandr2:amd64 (2:1.5.4-1+b3) ...
Selecting previously unselected package libxv1:amd64.
Preparing to unpack .../096-libxv1_2%3a1.0.11-1.1+b3_amd64.deb ...
Unpacking libxv1:amd64 (2:1.0.11-1.1+b3) ...
Selecting previously unselected package libxxf86dga1:amd64.
Preparing to unpack .../097-libxxf86dga1_2%3a1.1.5-1+b3_amd64.deb ...
Unpacking libxxf86dga1:amd64 (2:1.1.5-1+b3) ...
Selecting previously unselected package x11-utils.
Preparing to unpack .../098-x11-utils_7.7+7_amd64.deb ...
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Setting up libgraphite2-3:amd64 (1.3.14-2+b1) ...
Setting up liblcms2-2:amd64 (2.16-2) ...
Setting up libpixman-1-0:amd64 (0.44.0-3) ...
Setting up libsharpyuv0:amd64 (1.5.0-0.1) ...
Setting up libpciaccess0:amd64 (0.17-3+b3) ...
Setting up luit (2.0.20240910-1) ...
Setting up libxau6:amd64 (1:1.0.11-1) ...
Setting up libxdmcp6:amd64 (1:1.1.5-1) ...
Setting up libxcb1:amd64 (1.17.0-2+b1) ...
Setting up libxcb-xfixes0:amd64 (1.17.0-2+b1) ...
Setting up liblerc4:amd64 (4.0.0+ds-5) ...
Setting up hicolor-icon-theme (0.18-2) ...
Setting up java-common (0.76) ...
Setting up libdatrie1:amd64 (0.2.13-3+b1) ...
Setting up xdg-user-dirs (0.18-2) ...
Setting up libxcb-render0:amd64 (1.17.0-2+b1) ...
Setting up manpages (6.9.1-1) ...
Setting up libglvnd0:amd64 (1.7.0-1+b2) ...
Setting up libxcb-glx0:amd64 (1.17.0-2+b1) ...
Setting up libbrotli1:amd64 (1.1.0-2+b7) ...
Setting up libgdk-pixbuf2.0-common (2.42.12+dfsg-4) ...
Setting up libxcb-shape0:amd64 (1.17.0-2+b1) ...
Setting up x11-common (1:7.7+24) ...
Setting up libsensors-config (1:3.6.2-2) ...
Setting up libdeflate0:amd64 (1.23-2) ...
Setting up linux-libc-dev (6.12.38-1) ...
Setting up xkb-data (2.42-1) ...
Setting up libxcb-shm0:amd64 (1.17.0-2+b1) ...
Setting up libjbig0:amd64 (2.1-6.1+b2) ...
Setting up libxcb-present0:amd64 (1.17.0-2+b1) ...
Setting up libasound2-data (1.2.14-1) ...
Setting up dbus-user-session (1.16.2-2) ...
Setting up xtrans-dev (1.4.0-1) ...
Setting up libz3-4:amd64 (4.13.3-1) ...
Setting up libglib2.0-data (2.84.3-1) ...
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Setting up libz3-4:amd64 (4.13.3-1) ...
Setting up libglib2.0-data (2.84.3-1) ...
Setting up rpcsvc-proto (1.4.3-1) ...
Setting up libasound2t64:amd64 (1.2.14-1) ...
Setting up libjpeg62-turbo:amd64 (1:2.1.5-4) ...
Setting up libx11-data (2:1.8.12-1) ...
Setting up libepoxy0:amd64 (1.5.10-2) ...
Setting up libnspr4:amd64 (2:4.36-1) ...
Setting up libxcb-sync1:amd64 (1.17.0-2+b1) ...
Setting up libavahi-common-data:amd64 (0.8-16) ...
Setting up libfribidi0:amd64 (1.0.16-1) ...
Setting up fonts-dejavu-mono (2.37-8) ...
Setting up libpng16-16t64:amd64 (1.6.48-1) ...
Setting up libatomic1:amd64 (14.2.0-19) ...
Setting up fonts-dejavu-core (2.37-8) ...
Setting up libpcsclite1:amd64 (2.3.3-1) ...
Setting up libsensors5:amd64 (1:3.6.2-2) ...
Setting up libvulkan1:amd64 (1.4.309.0-1) ...
Setting up libwebp7:amd64 (1.5.0-0.1) ...
Setting up libgif7:amd64 (5.2.2-1+b1) ...
Setting up libffi8:amd64 (3.4.8-2) ...
Setting up fonts-dejavu-extra (2.37-8) ...
Setting up alsa-topology-conf (1.2.5.1-3) ...
Setting up libdav1d7:amd64 (1.5.1-1) ...
Setting up libxshmfence1:amd64 (1.3.3-1) ...
Setting up at-spi2-common (2.56.2-1) ...
Setting up libcrypt-dev:amd64 (1:4.4.38-1) ...
Setting up libtiff6:amd64 (4.7.0-3) ...
Setting up libxcb-randr0:amd64 (1.17.0-2+b1) ...
Setting up libtasn1-6:amd64 (4.20.0-2) ...
Setting up libx11-6:amd64 (2:1.8.12-1) ...
Setting up libthai-data (0.1.29-2) ...
Setting up xorg-sgml-doctools (1:1.11-1.1) ...
Setting up libwayland-egl1:amd64 (1.23.1-3) ...
Setting up libxkbfile1:amd64 (1:1.1.0-1+b4) ...
Setting up libc-dev-bin (2.41-12) ...
Setting up openssl (3.5.1-1) ...
Setting up libdrm-common (2.4.124-2) ...
Setting up libxcomposite1:amd64 (1:0.4.6-1) ...
Setting up libxml2:amd64 (2.12.7+dfsg+really2.9.14-2.1) ...
Setting up libxmuu1:amd64 (2:1.1.3-3+b4) ...
```

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Setting up libxcomposite1:amd64 (1:0.4.6-1) ...
Setting up libxml2:amd64 (2.12.7+dfsg+really2.9.14-2.1) ...
Setting up libxmuu1:amd64 (2:1.1.3-3+b4) ...
Setting up libxkbcommon0:amd64 (1.7.0-2) ...
Setting up libwayland-client0:amd64 (1.23.1-3) ...
Setting up x11proto-dev (2024.1-1) ...
Setting up libxcb-dri3-0:amd64 (1.17.0-2+b1) ...
Setting up libllvm19:amd64 (1:19.1.7-3+b1) ...
Setting up libwayland-server0:amd64 (1.23.1-3) ...
Setting up manpages-dev (6.9.1-1) ...
Setting up libx11-xcb1:amd64 (2:1.8.12-1) ...
Setting up libice6:amd64 (2:1.1.1-1) ...
Setting up libxdamage1:amd64 (1:1.1.6-1+b2) ...
Setting up libxau-dev:amd64 (1:1.0.11-1) ...
Setting up libxpm4:amd64 (1:3.5.17-1+b3) ...
Setting up libxrender1:amd64 (1:0.9.12-1) ...
Setting up libice-dev:amd64 (2:1.1.1-1) ...
Setting up alsa-ucm-conf (1.2.14-1) ...
Setting up fontconfig-config (2.15.0-2.3) ...
Setting up libavahi-common3:amd64 (0.8-16) ...
Setting up libxext6:amd64 (2:1.3.4-1+b3) ...
Setting up libnss3:amd64 (2:3.110-1) ...
Setting up libxxf86vm1:amd64 (1:1.1.4-1+b4) ...
Setting up libthai0:amd64 (0.1.29-2+b1) ...
Setting up ca-certificates (20250419) ...
Updating certificates in /etc/ssl/certs...
150 added, 0 removed; done.
Setting up libxdmcp-dev:amd64 (1:1.1.5-1) ...
Setting up libglib2.0-0t64:amd64 (2.84.3-1) ...
Setting up libfreetype6:amd64 (2.13.3+dfsg-1) ...
Setting up libxfixes3:amd64 (1:6.0.0-2+b4) ...
Setting up shared-mime-info (2.4-5+b2) ...
Setting up libp11-kit0:amd64 (0.25.5-3) ...
Setting up libxinerama1:amd64 (2:1.1.4-3+b4) ...
Setting up libxv1:amd64 (2:1.0.11-1.1+b3) ...
Setting up libxrandr2:amd64 (2:1.5.4-1+b3) ...
Setting up libdrm2:amd64 (2.4.124-2) ...
Setting up libwayland-cursor0:amd64 (1.23.1-3) ...
Setting up libc6-dev:amd64 (2.41-12) ...
Setting up libharfbuzz0b:amd64 (10.2.0-1+b1) ...
Setting up libgdk-pixbuf-2.0-0:amd64 (2.42.12+dfsg-4) ...
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Setting up libxxf86dga1:amd64 (2:1.1.5-1+b3) ...
Setting up libx11-dev:amd64 (2:1.8.12-1) ...
Setting up libcloudproviders0:amd64 (0.3.6-2) ...
Setting up libcairo2:amd64 (1.18.4-1+b1) ...
Setting up libcolord2:amd64 (1.4.7-3) ...
Setting up libdconf1:amd64 (0.40.0-5) ...
Setting up adwaita-icon-theme (48.1-1) ...
update-alternatives: using /usr/share/icons/Adwaita/cursor.theme to provide /usr/share/icons/default/index.theme (x-cursor-theme) in auto mode
Setting up uuid-dev:amd64 (2.41-5) ...
Setting up libatspi2.0-0t64:amd64 (2.56.2-1) ...
Setting up libxt6t64:amd64 (1:1.2.1-1.2+b2) ...
Setting up libgdk-pixbuf2.0-bin (2.42.12+dfsg-4) ...
Setting up libcairo-gobject2:amd64 (1.18.4-1+b1) ...
Setting up libpangoft2-1.0-0:amd64 (1.56.3-1) ...
Setting up libcups2t64:amd64 (2.4.10-3) ...
Setting up libpangocairo-1.0-0:amd64 (1.56.3-1) ...
Setting up libatk-bridge2.0-0t64:amd64 (2.56.2-1) ...
Setting up mesa-libgallium:amd64 (25.0.7-2) ...
Setting up libxmu6:amd64 (2:1.1.3-3+b4) ...
Setting up libgbm1:amd64 (25.0.7-2) ...
Setting up libsm-dev:amd64 (2:1.2.6-1) ...
Setting up libgl1-mesa-dri:amd64 (25.0.7-2) ...
Setting up dconf-service (0.40.0-5) ...
Setting up libxaw7:amd64 (2:1.0.16-1) ...
Setting up librsvg2-2:amd64 (2.60.0+dfsg-1) ...
Setting up libxt-dev:amd64 (1:1.2.1-1.2+b2) ...
Setting up librsvg2-common:amd64 (2.60.0+dfsg-1) ...
Setting up libglx-mesa0:amd64 (25.0.7-2) ...
Setting up libglx0:amd64 (1.7.0-1+b2) ...
Setting up dconf-gsettings-backend:amd64 (0.40.0-5) ...
Setting up libgl1:amd64 (1.7.0-1+b2) ...
Setting up x11-utils (7.7+7) ...
Setting up libatk-wrapper-java (0.40.0-3) ...
Setting up libgtk-3-common (3.24.49-3) ...
Setting up gsettings-desktop-schemas (48.0-1) ...
Setting up libatk-wrapper-java-jni:amd64 (0.40.0-3+b3) ...
Setting up libgtk-3-0t64:amd64 (3.24.49-3) ...
Setting up at-spi2-core (2.56.2-1) ...
Setting up libgtk-3-bin (3.24.49-3) ...
Processing triggers for libc-bin (2.41-12) ...
Processing triggers for ca-certificates-java (20240118) ...
```

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Adding debian:UCA_Extended_Validation_Root.pem
Adding debian:UCA_Global_G2_Root.pem
Adding debian:USERTrust_ECC_Certification_Authority.pem
Adding debian:USERTrust_RSA_Certification_Authority.pem
Adding debian:vTrus_ECC_Root_CA.pem
Adding debian:vTrus_Root_CA.pem
Adding debian:XRamp_Global_CA_Root.pem
done.
Setting up openjdk-21-jre:amd64 (21.0.8+9-1) ...
Setting up openjdk-21-jdk-headless:amd64 (21.0.8+9-1) ...
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/jar to provide /usr/bin/jar (jar) in auto mode
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/jarsigner to provide /usr/bin/jarsigner (jarsigner) in auto mode
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/javac to provide /usr/bin/javac (javac) in auto mode
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/javadoc to provide /usr/bin/javadoc (javadoc) in auto mode
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/javap to provide /usr/bin/javap (javap) in auto mode
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/jcmd to provide /usr/bin/jcmd (jcmd) in auto mode
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/jdb to provide /usr/bin/jdb (jdb) in auto mode
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/jdeprscan to provide /usr/bin/jdeprscan (jdeprscan) in auto mode
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/jdeps to provide /usr/bin/jdeps (jdeps) in auto mode
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/jfr to provide /usr/bin/jfr (jfr) in auto mode
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/jimage to provide /usr/bin/jimage (jimage) in auto mode
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/jinfo to provide /usr/bin/jinfo (jinfo) in auto mode
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/jlink to provide /usr/bin/jlink (jlink) in auto mode
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/jmap to provide /usr/bin/jmap (jmap) in auto mode
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/jmod to provide /usr/bin/jmod (jmod) in auto mode
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/jps to provide /usr/bin/jps (jps) in auto mode
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/jrunscript to provide /usr/bin/jrunscript (jrunscript) in auto mode
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/jshell to provide /usr/bin/jshell (jshell) in auto mode
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/jstack to provide /usr/bin/jstack (jstack) in auto mode
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/jstat to provide /usr/bin/jstat (jstat) in auto mode
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/jstatd to provide /usr/bin/jstatd (jstatd) in auto mode
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/jwebserver to provide /usr/bin/jwebserver (jwebserver) in auto mode
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/serialver to provide /usr/bin/serialver (serialver) in auto mode
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/jhsdb to provide /usr/bin/jhsdb (jhsdb) in auto mode
Setting up openjdk-21-jdk:amd64 (21.0.8+9-1) ...
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/jconsole to provide /usr/bin/jconsole (jconsole) in auto mode
Processing triggers for ca-certificates (20250419) ...
Updating certificates in /etc/ssl/certs...
0 added, 0 removed; done.
Running hooks in /etc/ca-certificates/update.d...
done.
```

```
update-alternatives: using /usr/lib/jvm/java-21-openjdk-amd64/bin/jconsole to provide /usr/bin/jconsole (jconsole) in auto mode
Processing triggers for ca-certificates (20250419) ...
Updating certificates in /etc/ssl/certs...
0 added, 0 removed; done.
Running hooks in /etc/ca-certificates/update.d...
done.
Processing triggers for libgdk-pixbuf-2.0-0:amd64 (2.42.12+dfsg-4) ...
Processing triggers for ca-certificates-java (20240118) ...
done.
hemish@DESKTOP-BHUFHT7:/mnt/c/Users/Hemish$ ~
```