

11.0.3+12-b304.32

Highlights

- Fira Code fonts rendering, broken in the 2019.2 EAP, was fixed.
- Now JBR11 takes into account GDK_DPI_SCALE that can be set to compensate the resulting app scale.
- The implementation of `ClassLoaderReferenceImpl.findType` was speeded up

Fixed issues

JBR-1645	Bug	javax/swing/JTextArea/TestTabSize.java: Tab width calculation wrong
JBR-1429	Bug	Scale is huge due to GDK_SCALE
JBR-1624	Bug	Fonts rendering is broken in the 2019.2 EAP (Fira Code)
JBR-1615	Bug	Slow ClassLoaderReferenceImpl.findType

Known major and critical issues

JBR-745	Bug	Improve java2d rendering performance on macOS by using Metal framework
JBR-1515	Bug	Regression test <code>jb/sun/awt/macos/MoveFocusShortcutTest.java</code> fails on macOS
JBR-1607	Bug	<code>java.desktop/sun.awt.image.SurfaceManager.getManager</code> throws <code>java.lang.IllegalArgumentException: Invalid Image variant</code>
JBR-1635	Bug	Native file dialog does not work as an <code>oppositeWindow</code> properly
JBR-1645	Bug	javax/swing/JTextArea/TestTabSize.java: Tab width calculation wrong
JBR-1682	Bug	2019.2 update doesn't start (crashes) - Mac OS X 10.10.5
JBR-1682	Bug	<code>java.lang.IllegalArgumentException: Null charset name</code>
JBR-186	Bug	Modal dialogs (Messages) shouldn't popup IDEA when another application is active
JBR-232	Bug	<code>java/awt/event/KeyEvent/DeadKey/deadKeyMacOSX.java</code> : <code>IllegalArgumentException: invalid keyChar</code> (Wrong number of key events)
JBR-659	Bug	[HY_Functional] <code>DefaultKeyboardFocusManagerTest: testDefaultKeyboardFocusManager_processKeyEvent</code> failed to move focus to the next component
JBR-694	Bug	[macos] <code>java/awt/event/KeyEvent/ExtendedKeyCode/ExtendedKeyCodeTest.java</code> : Wrong extended key code
JBR-746	Bug	IntelliJ Idea Ultimate 2018.1 Crashed on Linux x64
JBR-947	Bug	javax/swing/plaf/basic/BasicComboPopup/7072653/bug7072653.java: Popup window height is wrong
JBR-1089	Bug	[JDK11] Regression test <code>java/awt/FileDialog/ModalFocus/FileDialogModalFocusTest.java</code> fails with NPE on macOS
JBR-1108	Bug	[JDK11] <code>java/awt/keyboard/AllKeyCode/AllKeyCode.java</code> : Wrong keycode received
JBR-1110	Bug	[JDK11] <code>java/awt/font/Outline/OutlineInvarianceTest.java</code> : Failed for font <code>java.awt.Font[family=Dialog,name=MS Gothic,style=bold,size=30]</code>
JBR-1115	Bug	<code>java/awt/Robot/MouseLocationOnScreen/MouseLocationOnScreen.java</code> fails on Windows
JBR-1119	Bug	[JDK11] Right Alt key works incorrectly
JBR-1131	Bug	System-wide shortcut to switch windows <code>Cmd+~</code> on a Mac changes between two last opened projects
JBR-1147	Bug	<code>java/awt/FileDialog/FilenameFilterTest/FilenameFilterTest.htm</code> : Filter was not called

JBR-1235	Bug	AtomicAppend tests fail on macOS 10.13 ("High Sierra")
JBR-1259	Bug	Support DPI_AWARENESS_CONTEXT_PER_MONITOR_AWARE_V2
JBR-1273	Bug	Common Item Dialog does not open when wrong path to directory is passed
JBR-1274	Bug	Common Item Dialog sometimes crash the process
JBR-1316	Bug	Opening a Markdown file with a SVG picture in it make IDEA crash [JBR11]
JBR-1337	Bug	Whenever i open any markdown file IDE will completely freeze, even if the markdown file is empty
JBR-1352	Bug	WebView rendering artifacts while resizing
JBR-1371	Bug	jb/java/awt/Toolkit/GetScreenInsets468.java became failing on new created MacOSX 10.13
JBR-1429	Bug	Scale is huge due to GDK_SCALE
JBR-1523	Bug	IDE Freeze. No events are pumped by EventDispatchThread. kill <pid> helps.
JBR-1572	Bug	Blurred dropdown arrows on retina mac with JBR11
JBR-1577	Bug	IDE crashes on startup
JBR-1580	Bug	Performance drop on native fonts load
JBR-1581	Bug	KotlinNullPointerException in IDEA at local variable creation with JBR11, no NPE with JBR8
JBR-1606	Bug	JDK11 Compiler Thread crashes with SIGSEGV in libjvm.dylib
JBR-1610	Bug	Freeze on any *.ipynb opening
JBR-1649	Bug	Empty bar overlapping IDEA navigation bar appears on opening a second project in full screen
JBR-1661	Bug	LightBeam: performance degradation on Linux (10% - 90%)
JBR-1675	Bug	On Linux, first keymap is used for keyboard shortcuts
JBR-1676	Bug	Caret disappears when switching windows using Command-Backtick System shortcut for "Move focus to next window"
JBR-1686	Bug	Intellij 2019.2 crashing on start on Mac OS Catalina
JBR-1693	Bug	difficult to input Japanese text with "Fast" Key Repeat
JBR-1696	Bug	Focus lost after "Add File to Git" dialog is shown

The list of all known issues can be found [here](#).