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8.89 (8u471-b01) CPU
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# Version 2.1, February 1999

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Some of the ideas behind libffi were inspired by Gianni Mariani's free
gencall library for Silicon Graphics machines.
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The closure mechanism was designed and implemented by Kresten Krab Thorup. Major processor architecture ports were contributed by the following developers: aarch64 Marcus Shawcroft, James Greenhalgh Anthony Green, Jon Beniston x86-64 Bo Thorsen Jesper Skov and Andrew Haley both did more than their fair share of stepping through the code and tracking down bugs. Thanks also to Tom Tromey for bug fixes, documentation and configuration help. Thanks to Jim Blandy, who provided some useful feedback on the libffi interface. Alex Oliva solved the executable page problem for SElinux. \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* %%The following software may be included in this product: Webkit v622.1 You are receiving a copy of WebKit in either source or object code in the OpenJFX runtime or OpenJFX SDK. A copy of the Oracle modified WebKit library source code is located in the following OpenJDK Mercurial repository: http://hg.openjdk.java.net/openjfx/8u/rt You can use Mercurial to clone the repository or you can browse the source using a web browser. The root directory of the WebKit source code is here: rt/modules/web/src/main/native/ ## WebKit Open Source Project: WebKit v622.1 ### WebKit Notice You are receiving a copy of WebKit in either source or object code in the JavaFX runtime or JavaFX SDK. The terms of the Oracle license do NOT apply to WebKit; it is licensed under the following license, separately from the Oracle programs you receive. If you do not wish to install this library, you may delete this library: - On Linux systems: delete \$(JAVA\_HOME)/lib/libjfxwebkit.so - On Mac OS X systems: delete \$(JAVA\_HOME)/lib/libjfxwebkit.dylib - On Windows systems: delete \$(JAVA\_HOME)\bin\jfxwebkit.dll A copy of the Oracle modified WebKit library source code is located in the following OpenJDK git repository:

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Source/JavaScriptCore/API
Source/JavaScriptCore/API/tests
Source/JavaScriptCore/API/tests/testapiScripts
Source/JavaScriptCore
Source/JavaScriptCore/assembler
Source/JavaScriptCore/b3
Source/JavaScriptCore/b3/air
Source/JavaScriptCore/builtins
Source/JavaScriptCore/bytecode
Source/JavaScriptCore/bytecompiler
Source/JavaScriptCore/debugger
Source/JavaScriptCore/dfg
Source/JavaScriptCore/disassembler/ARM64
Source/JavaScriptCore/disassembler
Source/JavaScriptCore/domjit
Source/JavaScriptCore/ftl
Source/JavaScriptCore/heap
Source/JavaScriptCore/inspector
Source/JavaScriptCore/inspector/agents
Source/JavaScriptCore/inspector/augmentable
Source/JavaScriptCore/inspector/remote
Source/JavaScriptCore/interpreter
Source/JavaScriptCore/jit
Source/JavaScriptCore/llint
Source/JavaScriptCore/offlineasm
Source/JavaScriptCore/parser
Source/JavaScriptCore/profiler
Source/JavaScriptCore/runtime
Source/JavaScriptCore/testmem
Source/JavaScriptCore/tools
Source/JavaScriptCore/wasm
Source/JavaScriptCore/wasm/js
Source/JavaScriptCore/yarr
Source/WTF/benchmarks
Source/WTF/wtf
Source/WTF/wtf/cf
Source/WTF/wtf/cocoa
Source/WTF/wtf/darwin
Source/WTF/wtf/generic
Source/WTF/wtf/linux
Source/WTF/wtf/mac
Source/WTF/wtf/spi/cf
Source/WTF/wtf/spi/cocoa
Source/WTF/wtf/spi/darwin
Source/WTF/wtf/text
Source/WTF/wtf/threads
Source/WTF/wtf/unicode
Source/WTF/wtf/unicode/icu
Source/WTF/wtf/unix
Source/WTF/wtf/win
Source/WebCore/Modules/airplay
Source/WebCore/Modules/badge
Source/WebCore/Modules/encryptedmedia/legacy
Source/WebCore/Modules/geolocation
Source/WebCore/Modules/geolocation/ios
Source/WebCore/Modules/indexeddb
```

```
Source/WebCore/Modules/indexeddb/server
Source/WebCore/Modules/indexeddb/shared
Source/WebCore/Modules/mediacontrols
Source/WebCore/Modules/mediasource
Source/WebCore/Modules/mediastream
Source/WebCore/Modules/model-element
Source/WebCore/Modules/model-element/scenekit
Source/WebCore/Modules/modern-media-controls/controls
Source/WebCore/Modules/modern-media-controls
Source/WebCore/Modules/modern-media-controls/media
Source/WebCore/Modules/notifications
Source/WebCore/Modules/plugins
Source/WebCore/Modules/speech
Source/WebCore/Modules/streams
Source/WebCore/Modules/webaudio
Source/WebCore/Modules/webdatabase
Source/WebCore/Modules/websockets
Source/WebCore/PAL/pal
Source/WebCore/PAL/pal/system
Source/WebCore/PAL/pal/text
Source/WebCore/PAL/pal/unix
Source/WebCore/PAL/pal/win
Source/WebCore/accessibility
Source/WebCore/accessibility/isolatedtree
Source/WebCore/animation
Source/WebCore/bindings/java
Source/WebCore/bindings/js
Source/WebCore/bindings/scripts
Source/WebCore/bridge
Source/WebCore/bridge/jsc
Source/WebCore/crypto
Source/WebCore/crypto/openssl
Source/WebCore/css
Source/WebCore/css/typedom
Source/WebCore/css/typedom/color
Source/WebCore/css/typedom/numeric
Source/WebCore/css/typedom/transform
Source/WebCore/css/values/color-adjust
Source/WebCore/css/values/color
Source/WebCore/css/values/images
Source/WebCore/dom
Source/WebCore/domjit
Source/WebCore/editing
Source/WebCore/fileapi
Source/WebCore/history
Source/WebCore/html
Source/WebCore/html/canvas
Source/WebCore/html/parser
Source/WebCore/html/shadow
Source/WebCore/html/track
Source/WebCore/inspector
Source/WebCore/inspector/agents
Source/WebCore/layout/integration
Source/WebCore/layout/layouttree
Source/WebCore/loader
Source/WebCore/loader/appcache
Source/WebCore/loader/cache
Source/WebCore/loader/icon
Source/WebCore/mathml
Source/WebCore/page
```

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Source/WebCore/page/scrolling
Source/WebCore/page/skia
Source/WebCore/platform
Source/WebCore/platform/animation
Source/WebCore/platform/cf
Source/WebCore/platform/gamepad
Source/WebCore/platform/graphics
Source/WebCore/platform/graphics/adwaita
Source/WebCore/platform/graphics/angle
Source/WebCore/platform/graphics/controls
Source/WebCore/platform/graphics/coreimage
Source/WebCore/platform/graphics/coretext
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Source/WebCore/platform/graphics/displaylists
Source/WebCore/platform/graphics/filters
Source/WebCore/platform/graphics/filters/skia
Source/WebCore/platform/graphics/filters/software
Source/WebCore/platform/graphics/harfbuzz
Source/WebCore/platform/graphics/iso
Source/WebCore/platform/graphics/opentype
Source/WebCore/platform/graphics/re
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Source/WebCore/platform/graphics/transforms
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Source/WebCore/platform/image-decoders/png
Source/WebCore/platform/image-decoders/skia
Source/WebCore/platform/mediastream
Source/WebCore/platform/mock
Source/WebCore/platform/mock/mediasource
Source/WebCore/platform/network
Source/WebCore/platform/network/java
Source/WebCore/platform/playstation
Source/WebCore/platform/skia
Source/WebCore/platform/soup
Source/WebCore/platform/sql
Source/WebCore/platform/text
Source/WebCore/platform/win
Source/WebCore/platform/xdg
Source/WebCore/rendering
Source/WebCore/rendering/style
Source/WebCore/rendering/svg
Source/WebCore/storage
Source/WebCore/style
Source/WebCore/style/values/color
Source/WebCore/svg
Source/WebCore/svg/animation
Source/WebCore/svg/graphics
Source/WebCore/svg/graphics/filters
Source/WebCore/svg/properties
Source/WebCore/workers
Source/WebCore/workers/service/context
Source/WebCore/worklets
Source/WebCore/xml
Source/WebCore/xml/parser
Source/WebGPU/WGSL
```

```
Source/WebGPU/WGSL/AST
Source/WebGPU/WebGPU
Source/WebGPU/WebGPU/Internal
Source/WebKitLegacy/Storage
Source/WebKitLegacy/WebCoreSupport
Source/WebKitLegacy/java/WebCoreSupport
Source/bmalloc/bmalloc
Source/bmalloc/libpas/src/chaos
Source/bmalloc/libpas/src/libpas
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Source/bmalloc/libpas/src/test
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Source/WTF/wtf/cf Source/WTF/wtf/cocoa Source/WTF/wtf/darwin Source/WTF/wtf/fuchsia

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Source/WTF/wtf/generic
Source/WTF/wtf/mac
Source/WTF/wtf/persistence
Source/WTF/wtf/posix
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Source/WebCore/Modules/ShapeDetection/Interfaces
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Source/WebCore/Modules/indexeddb/server
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Source/WebCore/Modules/notifications
Source/WebCore/Modules/paymentrequest
Source/WebCore/Modules/permissions
Source/WebCore/Modules/pictureinpicture
Source/WebCore/Modules/push-api
Source/WebCore/Modules/remoteplayback
Source/WebCore/Modules/reporting
Source/WebCore/Modules/screen-wake-lock
```

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Source/WebCore/Modules/speech
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Source/WebCore/fileapi
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Source/WebCore/html
Source/WebCore/html/canvas
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Source/WebCore/html/parser
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Source/WebCore/html/track
Source/WebCore/inspector
Source/WebCore/inspector/agents
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Source/WebCore/inspector/agents/page
Source/WebCore/inspector/agents/worker
Source/WebCore/layout
Source/WebCore/layout/floats
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Source/WebCore/layout/formattingContexts/block
Source/WebCore/layout/formattingContexts/block/tablewrapper
Source/WebCore/layout/formattingContexts/flex
Source/WebCore/layout/formattingContexts/inline
Source/WebCore/layout/formattingContexts/inline/display
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Source/WebCore/page/linux
Source/WebCore/page/scrolling
Source/WebCore/page/scrolling/coordinated
Source/WebCore/page/text-extraction
Source/WebCore/page/writing-tools
Source/WebCore/platform
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Source/WebCore/platform/image-decoders/jpegxl
Source/WebCore/platform/libwebrtc
Source/WebCore/platform/mediacapabilities
Source/WebCore/platform/mediarecorder
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Source/WebCore/platform/mediastream/libwebrtc
Source/WebCore/platform/mock
Source/WebCore/platform/network
Source/WebCore/platform/network/java
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Source/WebCore/platform/network/playstation
Source/WebCore/platform/playstation
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Source/WebCore/platform/text/hyphen
Source/WebCore/platform/unix
Source/WebCore/platform/video-codecs
Source/WebCore/platform/win
Source/WebCore/plugins
Source/WebCore/rendering
Source/WebCore/rendering/adwaita
Source/WebCore/rendering/style
Source/WebCore/rendering/svg
Source/WebCore/rendering/svg/legacy
Source/WebCore/rendering/updating
Source/WebCore/storage
Source/WebCore/style
Source/WebCore/style/values/color
Source/WebCore/svg
Source/WebCore/testing
Source/WebCore/workers
Source/WebCore/workers/service
Source/WebCore/workers/service/background-fetch
Source/WebCore/workers/service/context
Source/WebCore/workers/service/server
Source/WebCore/workers/shared
Source/WebCore/workers/shared/context
Source/WebCore/xml
Source/WebGPU/WGSL/AST
Source/WebGPU/WGSL
Source/WebGPU/WGSL/Metal
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Source/WTF/wtf/win

Source/WebCore/Modules/encryptedmedia

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Vigna, Sebastiano (2014). "Further scramblings of Marsaglia's xorshift generators". arXiv:1404.0390 (http://arxiv.org/abs/1404.0390)

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numbers for strength-reducing division. The LLVM code on which this code is based was

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