Apache NetBeans 12.2

Release timeline: Release Schedule, Apache NetBeans 12.2 is scheduled to be released November 15th - 30th, 2020.

Pull requests integrated in 12.2:

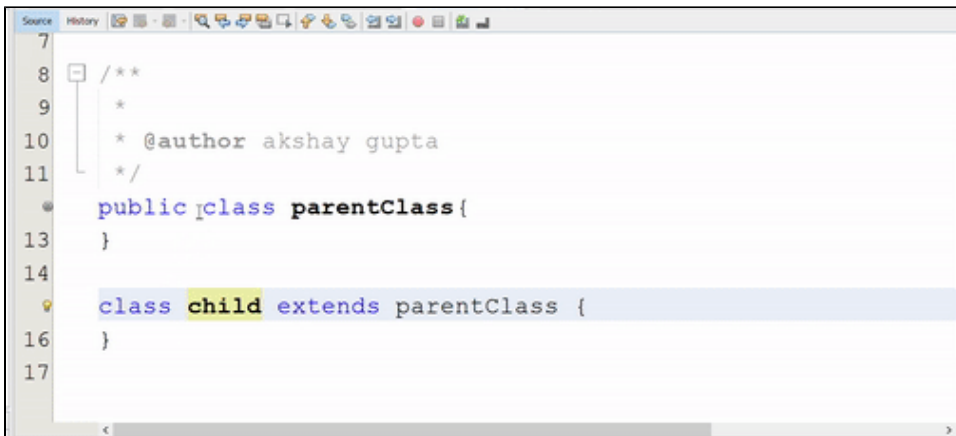https://github.com/apache/netbeans/pulls?q=is%3Aclosed+milestone%3A12.2
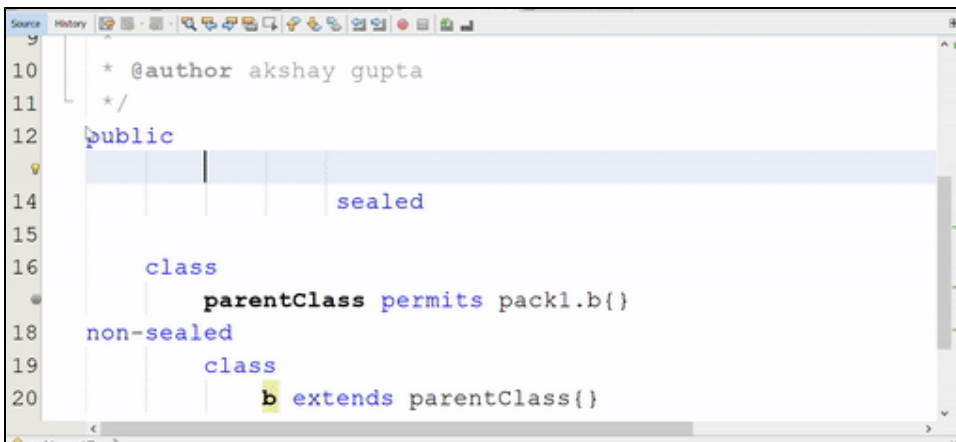
Enhancements

Java Language

New JDK 14 and 15-Specific Java Language Features

- **Code coloring.** Keywords "sealed", "non-sealed", and "permits" are highlighted conforming to the existing styles of all other Java keywords.
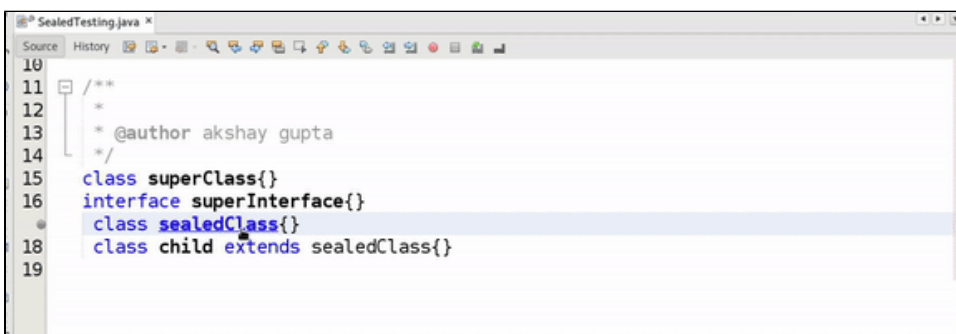

- **Code formatting for "sealed" type.** Extended the Java code formatting feature to include "sealed" and "permits" clauses for the first time.
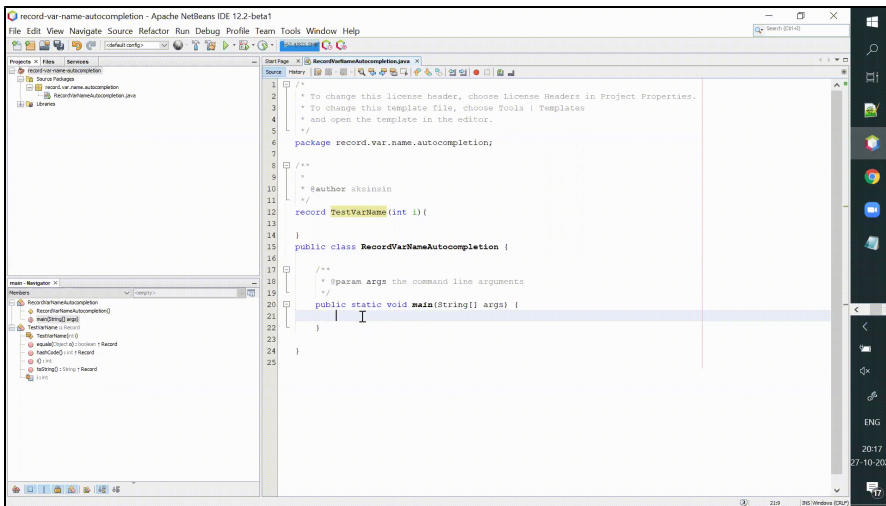

- **Auto-completion for "sealed" type.** Added keyword "sealed" and "non-sealed" before "class" declaration. Added "permits" only in the allowed location, i.e., the "permits" clause is not allowed to be put before "extends" and "implements" clause, if present.

- Fixed Record Formatting issue with use of annotation: https://github.com/apache/netbeans/pull/2391

- Fixed issue: refactor record rename & move record file to other package: https://github.com/apache/netbeans/pull/2310

- Invoke code completion for "Record" variable name and the editor will analyze the context and then suggest choices that are reachable from the current caret position.

- Fixed JavaDoc listing for class-type RECORD on auto completion: https://github.com/apache/netbeans/pull/2412

- nb-javac fork supports JDK 15: https://github.com/apache/netbeans/pull/2408

New Miscellaneous Java Language Features

- Show types for chained method invocations: https://github.com/apache/netbeans/pull/2365

- Create new Class/Interface/Enum when copy-paste raw text: https://github.com/apache/netbeans/pull/2334

- Create only one instance of javac: https://github.com/apache/netbeans/pull/2305
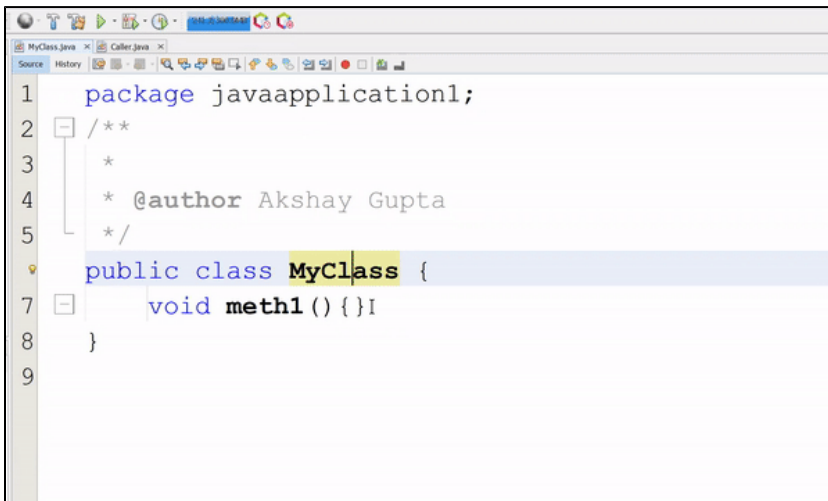
JavaFX

- Avoid assertion & NPE in fxml code completion: https://github.com/apache/netbeans/pull/2399
- Disallow FXML controller in default package: https://github.com/apache/netbeans/pull/2331
- Include immutable objects for fxml editor identification: https://github.com/apache/netbeans/pull/2333

Java Web

- Remove Derby integration from Payara Server modules: https://github.com/apache/netbeans/pull/2425
- Web Project Properties Dialog fails to save Relative URL: https://github.com/apache/netbeans/pull/2423
- JavaServer Faces Catalog fixes: https://github.com/apache/netbeans/pull/2431
- Fix Spring Web MVC 5.2.9 integration: https://github.com/apache/netbeans/pull/2380

Java Build Systems

- Added Gradle wrapper distribution change detection: https://github.com/apache/netbeans/pull/2366
- Add JAVA_HOME to Gradle build environment variables: https://github.com/apache/netbeans/pull/2320
- Better way to detect sources and javadocs in Gradle Projects: https://github.com/apache/netbeans/pull/2499
- Fixed Gradle Java Frontend Application generation: https://github.com/apache/netbeans/pull/2485
- Enable run/debug single when the suitable task is provided by the Gradle project: https://github.com/apache/netbeans/pull/2458
- Flush Gradle Standard output in 200ms if it stalled: https://github.com/apache/netbeans/pull/2270
- Handle source type correctly in GradleSourcesImpl: https://github.com/apache/netbeans/pull/2339
- Fix missing artifact nodes in Gradle Project Configurations: https://github.com/apache/netbeans/pull/2490
- Fixing Lombok in Gradle Projects: https://github.com/apache/netbeans/pull/2392
- Arrange Gradle Source info detail tabs to the right: https://github.com/apache/netbeans/pull/2361 blocked URL
- maven project open use no-lock getModuleName: https://github.com/apache/netbeans/pull/2340

PHP & JavaScript

- PHP 8.0 support: https://github.com/apache/netbeans/pull/2457
- PHP 8.0 Support: Allow ::class on objects part: https://github.com/apache/netbeans/pull/2295
- PHP 8.0 Support: Allow trailing comma in parameter list: https://github.com/apache/netbeans/pull/2269
- PHP 8.0 Support: Non-capturing catches part: https://github.com/apache/netbeans/pull/2265
- PHP 8.0 Support: throw Expression part: https://github.com/apache/netbeans/pull/2280
- PHP 8.0 Support: Match expression v2: https://github.com/apache/netbeans/pull/2303
- PHP 8.0 Support: Static return type: https://github.com/apache/netbeans/pull/2335
- Dependencies and infrastructure of JavaScript and HTML features cleaned up: https://github.com/apache/netbeans/pull/2424
- html parser dont wait for projects open: https://github.com/apache/netbeans/pull/2341
- Removed obsolete Oracle JET support: https://github.com/apache/netbeans/pull/2367
- CSS3 enhancements: https://github.com/apache/netbeans/pull/2299
- Add Plugin for BootsFaces in order to support <b:dataTable: https://github.com/apache/netbeans/pull/2357
- Fix broken npm search: https://github.com/apache/netbeans/pull/2286

NOTE

- We haven't finished implementing PHP 8.0 support yet. It means that some new syntaxes are not supported yet(e.g. Attribute, named parameter,...).

Library Upgrades

- Ant to 1.10.8: https://github.com/apache/netbeans/pull/2315
- exec-maven-plugin from 1.5.0 to 3.0.0: https://github.com/apache/netbeans/pull/2288
- Gradle Tooling API to 6.7: https://github.com/apache/netbeans/pull/2479
- JDBC PostgreSQL from 42.2.10 to 42.2.16: https://github.com/apache/netbeans/pull/2284
- payara-micro-maven-plugin to v1.3.0: https://github.com/apache/netbeans/pull/2454
- Spring Framework to version 4.3.29: https://github.com/apache/netbeans/pull/2374
- Spring Framework to version 5.2.9: https://github.com/apache/netbeans/pull/2373
- TestNG and upgrade from 6.8.1 to 6.14.3: https://github.com/apache/netbeans/pull/2350

Miscellaneous

- Detect JDK-s installed with SDKMan and Debian: https://github.com/apache/netbeans/pull/2329
- Check unpack200 and warn the user on JDK14+: https://github.com/apache/netbeans/pull/2317
- Update to the mac os installer as it was failing on Big Sur: https://github.com/apache/netbeans/pull/2353
- Avoiding use of Nashorn (removed in JDK 15) in J2SE multi-module: https://github.com/apache/netbeans/pull/2322

Reference: Complete Listing of Closed PRs for 12.2

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution

Key	Summary		Created	Updated	Due	Assignee	Reporter		Status	Resolution
NETBEANS-5807	a bug is in my netbeans my project is stuck due to this damm bug	🔴	Jun 22, 2021	Jul 18, 2021	Jun 23, 2021	Unassigned	s m umar farooq	🔺	CLOSED	Invalid
NETBEANS-5542	netbeans	🔼	Apr 04, 2021	Jul 29, 2021	Apr 04, 2021	Unassigned		⏫	CLOSED	Invalid
NETBEANS-5241	Opening a project gives an error	🔴	Jan 13, 2021	Apr 22, 2021		mpho makwa	JW	⛔	RESOLVED	Fixed
NETBEANS-5042	Launcher can't find Java Home on MacOS BigSur	🔴	Nov 19, 2020	Feb 05, 2021		Unassigned	Laszlo Kishalmi	⛔	CLOSED	Fixed
NETBEANS-5007	No restart of language server after change of JDK home	🔴	Nov 11, 2020	Feb 05, 2021		Svatopluk Dedic	Jaroslav Tulach	⛔	CLOSED	Fixed
NETBEANS-4981	NPE when launching VSCode extension on JDK8	🔴	Nov 03, 2020	Feb 05, 2021		Jan Lahoda	Jaroslav Tulach	⏫	CLOSED	Fixed
NETBEANS-4976	Doubled breadcrumb	🔴	Nov 01, 2020	Feb 05, 2021		Jan Lahoda	Vítzslav Dvoák	⚪	CLOSED	Fixed
NETBEANS-4970	Incorrect formatting for lambda functions	🔴	Oct 30, 2020	Feb 05, 2021		Junichi Yamamoto	Junichi Yamamoto	⏫	CLOSED	Fixed
NETBEANS-4944	Gradle Project Wizard shall initialize the wrapper by default.	🔼	Oct 25, 2020	Feb 05, 2021		Laszlo Kishalmi	Laszlo Kishalmi	⏬	CLOSED	Fixed
NETBEANS-4938	Missing sources & co. after creating Gradle Frontend App in 12.2-beta2	🔴	Oct 24, 2020	May 02, 2021		Laszlo Kishalmi	Jaroslav Tulach	⏫	CLOSED	Fixed
NETBEANS-4930	Upgrade Gradle Tooling to 6.7 for JDK 15 Support	🔼	Oct 22, 2020	Feb 05, 2021		Laszlo Kishalmi	Laszlo Kishalmi	🔺	CLOSED	Fixed
NETBEANS-4925	cleanup Map raw type warnings..	🔼	Oct 21, 2020	Nov 16, 2020		Brad Walker	Brad Walker	⏫	CLOSED	Fixed
NETBEANS-4919	javadoc's Analyzer crashes on JDK 16	🔴	Oct 18, 2020	Feb 05, 2021		Jan Lahoda	Jan Lahoda	⏫	CLOSED	Fixed
NETBEANS-4916	Remove confusing Compile on Save option from Gradle Projects	🔼	Oct 16, 2020	Aug 06, 2021		Laszlo Kishalmi	Laszlo Kishalmi	⏫	CLOSED	Fixed
NETBEANS-4913	StackOverflowError	🔴	Oct 16, 2020	Feb 05, 2021		Martin Entlicher	Martin Entlicher	⏬	CLOSED	Fixed
NETBEANS-4910	No go to definition available when using LSP server, even if it is supported, eg:pyls	🔴	Oct 15, 2020	Feb 05, 2021		Unassigned	Borwe	⛔	CLOSED	Fixed
NETBEANS-4908	Enable run and debug single file in Gradle projects if there is a runSingle task defined	🔼	Oct 14, 2020	Feb 05, 2021		Laszlo Kishalmi	Laszlo Kishalmi	⏫	CLOSED	Fixed
NETBEANS-4901	phpDocumentor commandline arguments change	🔼	Oct 12, 2020	Feb 05, 2021		Junichi Yamamoto	Vítzslav Dvoák	⏬	CLOSED	Fixed
NETBEANS-4900	Settings.gradle file node is missed from project tree	🔴	Oct 12, 2020	Feb 05, 2021		Laszlo Kishalmi	mkhramov	⏫	CLOSED	Fixed

| NETBEANS-4896 | Gradle Test Sources say: package org.junit is not visible (package org.junit is declared in the unnamed module, | ⬤ | Oct 11, 2020 | Feb 05, 2021 | Laszlo Kishalmi | Laszlo Kishalmi | ⇑ | CLOSED | Fixed |

Showing 20 out of 90 issues