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Inżynieria Obliczeniowa

Nr albumu : 286112

Rozproszona sztuczna inteligencja - Platformy agentowe w języku java

Ćwiczenia 1 – zapoznanie się ze środowiskiem pracy :

Wykonanie :

1. Sprawdziłem czy na moim komputerze posiadam Java Development Kit poleceniem **java** w terminalu.
2. Zlokalizowałem kompilator Javy **javac.exe** oraz uruchomiłem go za pomocą terminala.
3. Napisałem program wypisujący **Hello World!**.
4. Skompilowałem program w terminalu za pomocą **javac** oraz uruchomiłem poleceniem **java**.
5. Edytowałem kod za pomocą **Notepad ++** po czym ponownie skompilowałem i uruchomiłem program.

Wyniki :

Microsoft Windows [Version 10.0.16299.248]
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C:\Users\kurze>java

Usage: java [options] <mainclass> [args...]
(to execute a class)

or java [options] -jar <jarfile> [args...]
(to execute a jar file)

or java [options] -m <module>[/<mainclass>] [args...]
java [options] --module <module>[/<mainclass>] [args...]
(to execute the main class in a module)

Arguments following the main class, -jar <jarfile>, -m or --module <module>/<mainclass> are passed as the arguments to main class.

where options include:

-d32 Deprecated, will be removed in a future release
-d64 Deprecated, will be removed in a future release
-cp <class search path of directories and zip/jar files>
-classpath <class search path of directories and zip/jar files>
--class-path <class search path of directories and zip/jar files>
 A ; separated list of directories, JAR archives,
 and ZIP archives to search for class files.
-p <module path>
--module-path <module path>...
 A ; separated list of directories, each directory
 is a directory of modules.
--upgrade-module-path <module path>...
 A ; separated list of directories, each directory
 is a directory of modules that replace upgradeable
 modules in the runtime image
--add-modules <module name>[,<module name>...]
 root modules to resolve in addition to the initial module.
 <module name> can also be ALL-DEFAULT, ALL-SYSTEM,
 ALL-MODULE-PATH.
--list-modules
 list observable modules and exit
-d <module name>
--describe-module <module name>
 describe a module and exit
--dry-run create VM and load main class but do not execute main method.
 The --dry-run option may be useful for validating the
 command-line options such as the module system configuration.

--validate-modules
 validate all modules and exit
 The --validate-modules option may be useful for finding conflicts and other errors with modules on the module path.

-D<name>=<value>
 set a system property

-verbose:[class|module|gc|jni]
 enable verbose output

-version print product version to the error stream and exit

--version print product version to the output stream and exit

-showversion print product version to the error stream and continue

--show-version
 print product version to the output stream and continue

--show-module-resolution
 show module resolution output during startup

-? -h -help
 print this help message to the error stream

--help print this help message to the output stream

-X print help on extra options to the error stream

--help-extra print help on extra options to the output stream

-ea[:<packagename>...|:<classname>]
 -enableassertions[:<packagename>...|:<classname>]
 enable assertions with specified granularity

-da[:<packagename>...|:<classname>]
 -disableassertions[:<packagename>...|:<classname>]
 disable assertions with specified granularity

-esa | -enablesystemassertions
 enable system assertions

-dsa | -disablesystemassertions
 disable system assertions

-agentlib:<libname>[=<options>]
 load native agent library <libname>, e.g. -agentlib:jdwp
 see also -agentlib:jdwp=help

-agentpath:<pathname>[=<options>]
 load native agent library by full pathname

-javaagent:<jarpath>[=<options>]
 load Java programming language agent, see java.lang.instrument

-splash:<imagepath>
 show splash screen with specified image
 HiDPI scaled images are automatically supported and used if available. The unscaled image filename, e.g. image.ext, should always be passed as the argument to the -splash option. The most appropriate scaled image provided will be picked up automatically.
 See the SplashScreen API documentation for more information

@argument files
 one or more argument files containing options

-disable-@files
 prevent further argument file expansion

To specify an argument for a long option, you can use --<name>=<value> or --<name> <value>.

C:\Users\kurze>javac

'javac' is not recognized as an internal or external command, operable program or batch file.

C:\Users\kurze>cd "C:\Users\kurze\Dysk Google\AGH - Materiały\Semestr VI\Rozszerzona sztuczna inteligencja\Laborki\Lab 1"

C:\Users\kurze\Dysk Google\AGH - Materiały\Semestr VI\Rozszerzona sztuczna inteligencja\Laborki\Lab 1>"C:\Program Files\Java\jdk-9.0.1\bin\javac.exe" Main.java

C:\Users\kurze\Dysk Google\AGH - Materiały\Semestr VI\Rozszerzona sztuczna inteligencja\Laborki\Lab 1>java Main
 Hello World!

C:\Users\kurze\Dysk Google\AGH - Materiały\Semestr VI\Rozszerzona sztuczna inteligencja\Laborki\Lab 1>"C:\Program Files\Java\jdk-9.0.1\bin\javac.exe" Main.java

C:\Users\kurze\Dysk Google\AGH - Materiały\Semestr VI\Rozszerzona sztuczna inteligencja\Laborki\Lab 1>java Main
 Po zmianie :
 Hello World!
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