

RAG (Retrieval-Augmented Generation) Results

Question: spune-mi despre java repl

Search Method: Cosine

Embedding Model: text-embedding-3-small

Generation Model: Llama-3.3-70B-Instruct

Generated: 2025-07-24 15:55:33

Generated Answer

Java REPL (Read Evaluate Print Loop) este un instrument nou introdus de Oracle Corp, cunoscut si sub numele de jshell. Acest instrument permite verificarea oricarui cod Java, inclusiv clase, interfete, enumeratii, obiecte si instructiuni (conform documentului "What's New in Oracle JDK 9").

Jshell poate fi folosit pentru a testa codul Java in mod interactiv, permi■ând dezvoltatorilor s■ experimenteze ■i s■ verifice codul înainte de a-l integra în proiectele lor. De exemplu, în documentul "Java 9 REPL (JShell)" este prezentat un exemplu de utilizare a jshell-ului, în care se creeaz■ o variabil■ "counter" ■i se incrementez■ valorile acesteia.

Exemplul prezentat în document arat■ cum se poate utiliza jshell-ul:
``
jshell > int counter = 0
counter ==> 0
jshell > counter++
\$6 ==> 0
jshell > counter
counter ==> 1
``
Acest instrument este men■ionat în documentele "What's New in Oracle JDK 9" ■i "Nine New Developer Features in JDK 9" de Simon Ritter, precum ■i în "Java 9 Features with Examples" de Rambabu Posa.

In concluzie, Java REPL (jshell) este un instrument util pentru dezvoltatorii Java, care le permite s■ verifice ■i s■ experimenteze codul în mod interactiv, facilitând procesul de dezvoltare ■i testare a aplica■iilor Java.

Performance Metrics

Search Time: 0.8150 seconds

Generation Time: 41.3710 seconds

Total Time: 42.1860 seconds

Source Documents

Source 1

Document: Java_9.pdf

Chunk: 3

Relevance Score: 0.6212

Content Preview: 7 •Constant variables •Abstract methods Interfete in Java 8 •Constant variables •Abstract methods •Default methods •Static methods Interfete in Java 9 •Constant variables •Ab...

Source 2

Document: Curs1_SDJava.pdf

Chunk: 0

Relevance Score: 0.5209

Content Preview: Java Actualizat 9.10.2018 Prima clasa class Aplicatie1 { public static void main(String args[]) { System.out.println("Succes !"); } } Argumente main() class Aplicatie2 { public static void m...

Source 3

Document: Java_9.pdf

Chunk: 4

Relevance Score: 0.5050

Content Preview: erface, enum , obiecte , instructiuni etc). jshell > int counter = 0 counter ==> 0 jshell > counter++ \$6 ==> 0 jshell > counter counter ==> 1 BIBLIOGRAFIE •What's New in Oracle JDK ...

Source 4

Document: comparareObiecte.pdf

Chunk: 19

Relevance Score: 0.4773

Content Preview: a sort(t)=(SD =9 Java =5) (SD =9 Java =5) (SD =7 Java =10) p=(SD =9 Java =5) (SD =9 Java =5) (SD =7 Java =10) Dupa sort(p,new Comparatie())= (SD =7 Java =10) (SD =9 Java =...

Source 5

Document: Curs3_SDAJava.pdf

Chunk: 5

Relevance Score: 0.4653

Content Preview: egale) // Acesta este siunul din mtivele pt. care / /sirurile sunt imutabile . // JVM este apreciata ca o "masterpiece" ! String s3 ="USV" ; System .out.println ("s1=" +s1+ " , s2=" +s2+ " , s3=" +s3)...

RAG Process Summary

This RAG (Retrieval-Augmented Generation) search performed the following steps:

1. **Retrieval:** Found 5 most relevant document chunks using cosine similarity with text-embedding-3-small model from <https://aihubmytesthub7294089329.openai.azure.com/>
2. **Augmentation:** Combined the retrieved content as context
3. **Generation:** Used Llama-3.3-70B-Instruct model from <https://aihubmytesthub7294089329.services.ai.azure.com/models> to generate a comprehensive answer based on the context

RAG provides more accurate and contextual answers by grounding the AI response in your specific document content. Using separate models and endpoints for embedding and generation allows for optimized performance and resource allocation.