

# RAG (Retrieval-Augmented Generation) Results

**Question:** java abstract classes

**Search Method:** Cosine

**Embedding Model:** text-embedding-3-small

**Embedding Endpoint:** <https://aihubmytesthub7294089329.openai.azure.com/>

**Generation Model:** gpt-4.1-mini

**Generation Endpoint:** <https://aihubmytesthub7294089329.services.ai.azure.com/models/chat/completions?api-version=2024-05-01-preview>

**Generated:** 2025-07-24 15:32:33

## Generated Answer

Sorry, I couldn't generate an answer due to an error.

## Performance Metrics

**Search Time:** 3.0640 seconds

**Generation Time:** 0.6066 seconds

**Total Time:** 3.6706 seconds

## Source Documents

### Source 1

**Document:** Java\_9.pdf

**Chunk:** 5

**Relevance Score:** 0.5144

**Content Preview:** Oct. 2017 <https://www.journaldev.com/12850/java-9-private-methods-interfaces>

### Source 2

**Document:** Curs2\_3\_SDJava.pdf

**Chunk:** 0

**Relevance Score:** 0.4680

**Content Preview:** Programare Java (2) prof.dr.ing. ■tefan -Gheorghe Pentiuc Modificator CLAS■  
METHOD■ VARIABIL■ public acces permis tuturor claselorpoate fi apelat■ din orice clas■ poate fi  
consultat■ / modificat■ din ...

**Source 3**

**Document:** Curs2\_3\_SDJava.pdf

**Chunk:** 10

**Relevance Score:** 0.4382

**Content Preview:** ecated. The finalization mechanism is inherently problematic. Class getClass ()  
Returns the runtime class of this Object. int hashCode () Returns a hash code value for the object. void  
notify () ...

**Source 4**

**Document:** Java\_9.pdf

**Chunk:** 4

**Relevance Score:** 0.4372

**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 5**

**Document:** ExpresiiLambda.pdf

**Chunk:** 6

**Relevance Score:** 0.4268

**Content Preview:** dia, 2014 •Java 8 in Action , by Raoul -Gabriel Urma , Mario Fusco , Alan Mycroft ,  
2014 Manning Publications •Building Java Programs , Chapter 19, Pearson 2016

## 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 gpt-4.1-mini model from <https://aihubmytesthub7294089329.services.ai.azure.com/models/chat/completions?api-version=2024-05-01-preview> 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.