

BM25Index

September 4, 2026

BM25Index

Kind: Class

Source: [atloria-monorepo/libs/agent-core/src/semantic/bm25.ts](#)

Methods

Method	Signature	Returns
addDocument	addDocument(id: string, text: string)	void
removeDocument	removeDocument(id: string)	void
search	search(query: string, topK: undefined)	Array<{ id: string; score: number }>
clear	clear()	void
serialize	serialize()	SerializedIndex
deserialize	deserialize(data: object)	BM25Index

Where it refuses work

- BM25Index stops the work with an early return when `docLen === undefined` .
- BM25Index stops the work with an early return when `queryTokens.length === 0 || this.documentCount === 0` .
- BM25Index stops the work with an early return when `!d.terms || !d.docLengths` .