Node.js V8

What is V8

V8 is an open source JavaScript engine developed by the Chromium project for the Google Chrome web browser. It is written in C++. Now a days, it is used in many projects such as Couchbase, MongoDB and Node.js.

V8 in Node.js

The Node.js V8 module represents interfaces and event specific to the version of V8. It provides methods to get information about heap memory through **v8.getHeapStatistics()** and **v8.getHeapSpaceStatistics()** methods.

To use this module, you need to use **require('v8')**.

1. **const** v8 = require('v8');

Node.js v8.getHeapStatistics() Example

The v8.getHeapStatistics() method returns statistics about heap such as total heap size, used heap size, heap size limit, total available size etc.