



## JEnterprise

Public

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The SPECjEnterprise2010 benchmark is a full system benchmark that allows performance measurement and characterization of Java EE 5.0 servers and supporting infrastructure such as JVM, Database, CPU, disk and servers.

The workload consists of an end to end web based order processing domain, an RMI and Web Services driven manufacturing domain and a supply chain model utilizing document based Web Services. The application is a collection of Java classes, Java Servlets, Java Server Pages, Enterprise Java Beans, Java Persistence Entities (pojo's) and Message Driven Beans.

SPECjEnterprise2010 is the third generation of the SPEC organization's J2EE end-to-end industry standard benchmark application. The new SPECjEnterprise2010 benchmark has been re-designed and developed to cover the Java EE 5.0 specification's significantly expanded and simplified programming model, highlighting the major features used by developers in the industry today. This provides a real world workload driving the Application Server's implementation of the Java EE specification to its maximum potential and allowing maximum stressing of the underlying hardware and software systems.

SPEC has paid particular attention to making this benchmark as easy as possible to install and run. This has been achieved by utilising simplification features of the Java EE 5.0 platform such as annotations and sensible defaulting and by the use of the opensource Faban facility for developing and running the benchmark driver.

SPECjEnterprise2010's new design spans Java EE 5 including the new EJB 3.0 and WSEE component architecture, Message Driven beans, and features level transactions.



5/5

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Mike Elson

2014-12-01

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(1) Description of Application model

(2) Model Description