

**Title:** Support for Enterprise Applications in SOFA 2

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**Abstract:**

Industry standards defining various aspects of enterprise systems were developed in order to make development of such systems faster and to increase interoperability. For systems created with Java platform, these standards are contained under Java Enterprise Edition.

SOFA 2 component system provides a solid base for development of extensive component oriented systems. Goal of this work is to propose and empirically verify the possibility of integration of existing industry standards for enterprise applications in SOFA 2.

Proposed solution extends SOFA 2 with components for web user interfaces based on Java Servlet API standard and with components for persisting data into relational databases based on Java Persistence API. In addition, it integrates core technologies from the Java Enterprise Edition platform, which should make integration of further standards easier.

**Keywords:** enterprise applications, component system, SOFA 2, Java EE