



Jetspeed-2 development documentation

Single Sign-on (SSO)

<i>Revision</i>	<i>Author</i>	<i>Comment</i>
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1.Introduction

Jetspeed-2 (J2) Single Sign-on (SSO) feature is a credential store implemented as a component. It uses J2 security implementation for storing credentials. A management portlet allows the editing of SSO sites and emote credentials.

Credentials stored in SSO can be used to access web sites (SSOWebContent, SSOIFrame portlets), database connections (DBBrowser portlet) or other applications (PHP or Perl portlets).

The SSOWebContent supports Basic Authentication or URL value/pair authentication with credential retrieved from the SSO credential store.

The SSO Management admin portlet (part of the security application) allows to manage the SSO sites and remote Credentials for users or groups.

2.Architecture

The site object is the core of the SSO implementation. It stores the site name which can be an URL, database connection (format: [database@server](#)) or application (ex. PHPHelpdesk). Some other attributes (Require Certificate, Allow User Set) define site specific behavior.

Remote credentials can be assigned to a group or to a user. The remote credential is unique for a site/principal. The site stores the user/group and it's remote credential for a specific site (URL/db-name or application name).

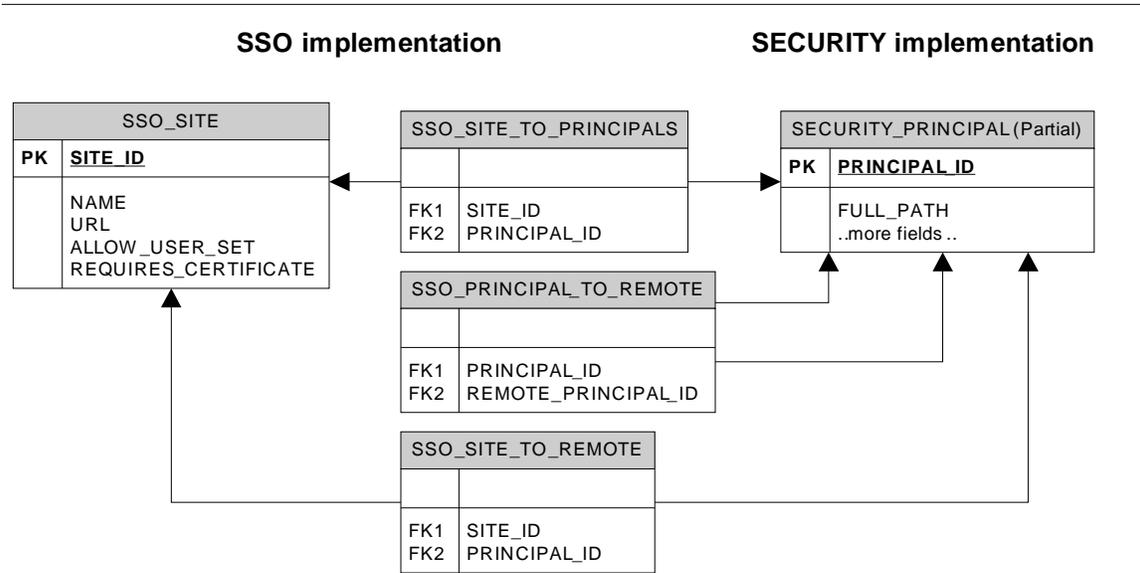


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3.Schema

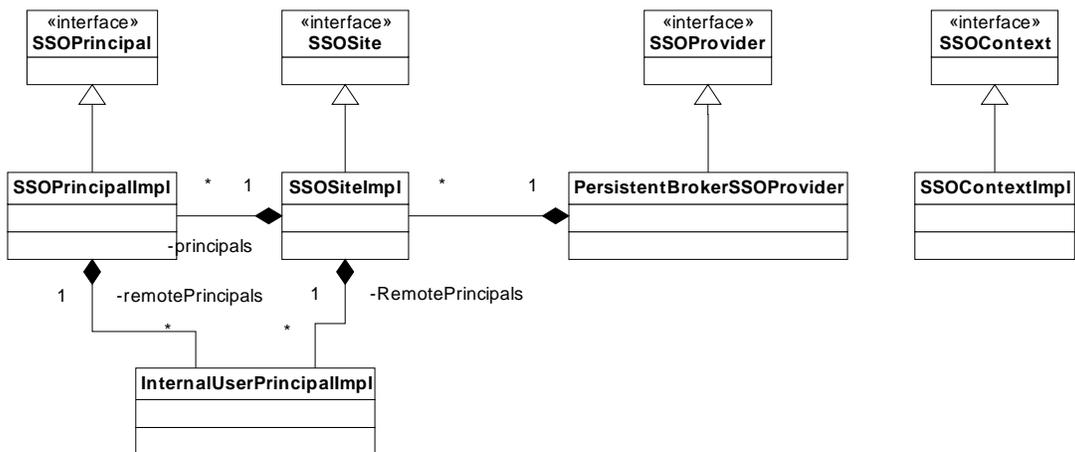
Single Sign-on (SSO) Database schema

Last update: January 24, 2005 Roger Ruttimann



4.Class diagram

Class Diagram Single Sign -on



Note:
Part of the Security implementation



5.OJB mapping

The OJB mapping file can be found in `j2/components/sso/src/java/META-INF/sso_repository.xml`. The table below shows the mapping between classes and database tables:

Java Object		OJB Mapping	
Class	Member	Class	Database Table
SSOSite	principals	SSOPrincipallImpl	SSO_SITE_TO_PRINCIPALS
SSOSite	remotePrincipals	InternalUserPrincipallImpl	SSO_SITE_TO_REMOTE
SSOPrincipallImpl	remotePrincipals	InternalUserPrincipallImpl	SSO_PRINCIPAL_TO_REMOTE