

Release-Notes **FirstSpirit**^{4.2.512}

Previously released versions: 4.2.38, 4.2.206, 4.2.219, 4.2.223, 4.2.432, 4.2.437, 4.2.446, 4.2.453, 4.2.454, 4.2.461, 4.2.468, 4.2.476, 4.2.484, 4.2.488, 4.2.497, 4.2.501, 4.2.503, 4.2.505, 4.2.507, 4.2.508, 4.2.510

Log in via Kerberos ticket ("KerberosLoginModule")

To log into FirstSpirit via the Kerberos login module (module name: `de.espirit.firstspirit.server.authentication.KerberosLoginModule`), a Kerberos ticket is accepted, which is passed from the web browser to the FirstSpirit Server.

The `sendAccepted` parameter can be used to influence the HTTP status code in the case of a handshake. If the handshake is successful, "OK" (200) is sent with the current FirstSpirit version. "ACCEPTED" (202) was sent prior to the current FirstSpirit version. Depending on the infrastructure in use, this status (202) may not be accepted as "valid", something which may cause indexing problems, for example. This default behavior has therefore been changed as of FirstSpirit version 4.2.512. It is possible to restore the old behavior by setting the parameter `sendAccepted` to the value `true` (file `fs-jaas.conf`, default value: `false`).

For more information, see

- *FirstSpirit Documentation for Administrators*, Chapter "Kerberos ticket (integrated Windows login)"
- Module documentation for *FirstSpirit Dynamic Personalization*, Chapter "'Kerberos Login' login module"

Signing with SHA-256

Previously, FirstSpirit JAR files were signed using SHA-1. To ensure compatibility with future Oracle java versions, signing is carried out using SHA-256 starting with the current FirstSpirit version (for information about respective plannings on the part of Oracle see <https://www.java.com/en/jre-jdk-cryptoroadmap.html>).

Code Signing Certificates

The content of FirstSpirit JAR files is signed with a certificate. This process is known as "code signing".

In the current FirstSpirit version, the content is signed with a new certificate that is valid until **2019-07-24 (24 July 2019)**.

Some certificates used by existing FirstSpirit servers expired on 2017-05-21 (21 May 2017), affected FirstSpirit servers must be updated.

Bug-fixes

ID	Role	Category	Sub Category	Description
177918	All Users	SiteArchitect (JavaClient)	Input Components	When storing the input component FS_LIST (type INLINE) with empty input components which are configured as mandatory in the inner form, the error message did not correctly display the affected language.