

HSU Enterprise Application Stack Portal Suite (HSU EAS Portal Suite)

MANUAL

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HSU FORUM
VERSION 1.0.0

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1. Introduction

HSU Enterprise Application Stack Portal Suite(HSU EAS Portal Suite) , It is made by Marvin. You can download from Git Hub. EAS was made by using main stream Java technology, include Prime Faces(JSF), Spring, Hibernate(JPA) and Spring Security. The goal of EAS Portal Suite provide centralized authorization management and applications portal. HSU Common is common library, HSU EASPortal is main portal , HSU EASPortalM is management module , HSU JavaJSFTemplate is demo jsf template java project. Default account and password is admin and abcd12341!

- Support language is Traditional Chinese, Simple Chinese and English
- Support DB is DB2 、 Oracle 、 SQL Server 、 PostgreSQL and MySQL
- Support AP Server is Tomcat, JBoss WildFly and JBoss EAP .
- HSU Common Git Hub download address is <https://github.com/MarvinHsu/HSUCommon>
- HSU EASPortal Git Hub download address is <https://github.com/MarvinHsu/EASPortal>
- HSU EASPortalM Git Hub download address is 為 <https://github.com/MarvinHsu/EASPortalM>
- HSU EASJavaJSFTemplate Git Hub download address is <https://github.com/MarvinHsu/EASJavaJSFTemplate>
- Demo war file download address (Google Drive) is <https://drive.google.com/drive/folders/0B2s05eiH2k6CYXJ0LTmNVBUVXM>

P.S. Tomcat please setup jndi datasource name jndi/EASDS. JBoss please setup jndi datasource name java:/EASXADS. Weblogic please setup jndi datasource name jndi/EASXADS

- Tomcat please setup jndi datasource name jndi/EASPDs 、 jndi/EASTDS 、 jndi/CASDS, the user of jndi/CASDS must have create, drop, modify table right
- JBoss please setup jndi datasource name java:/EASPXADS 、 java:/EASTXADS 、 java:/CASPXADS, the user of jndi/ CASPXADS must have create, drop, modify table right
- Support Java AP Server

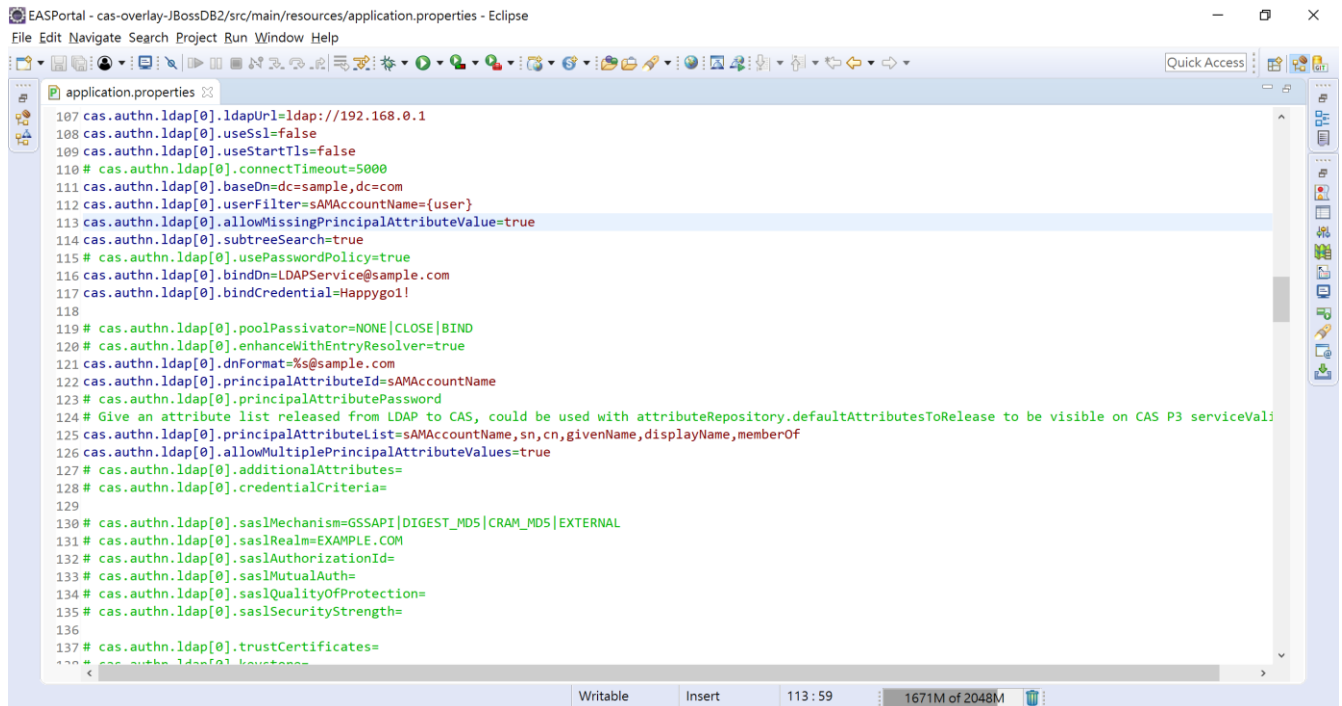
Java AP Server	Version
Tomcat	7+
JBoss EAP	7+
JBoss WildFly	10+

- Support Data Base

Data Base	Version
MySQL	5.5+
Oracle	10g+
SQL Server	2008+
DB2	9.7+
PostgreSQL	9.6+

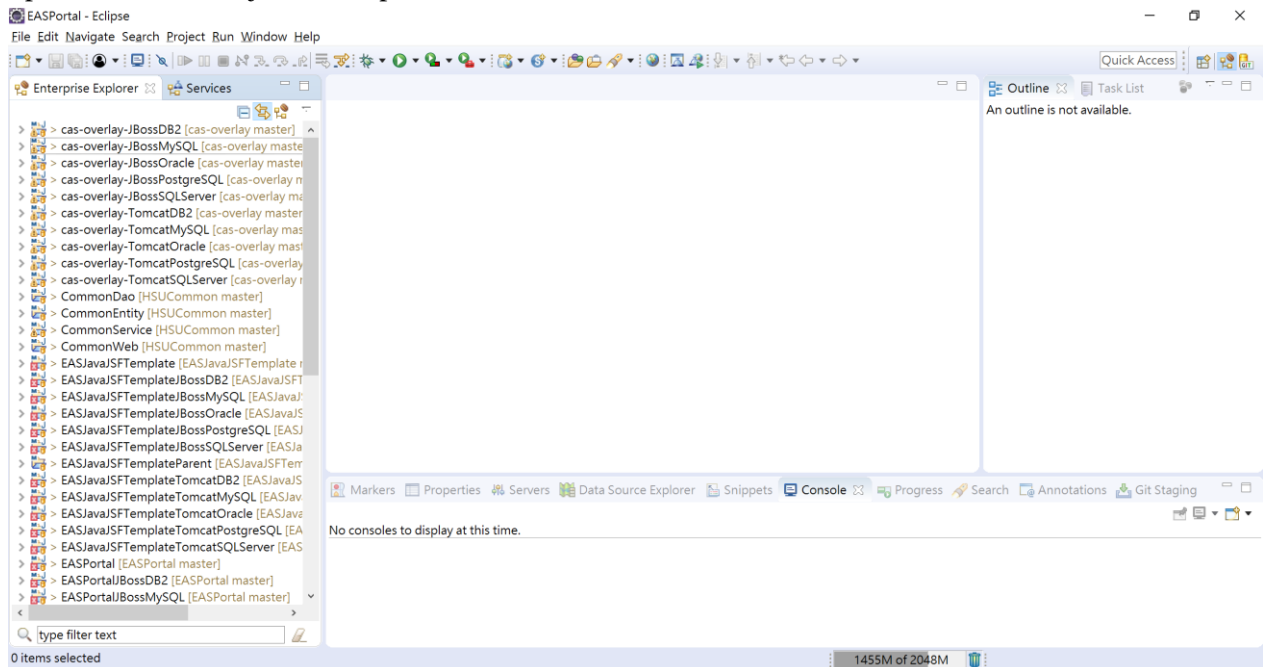
2. Using steps

1. Create AD account admin and password abcd12341!
2. Modify AD config in application.properties of cas-overlay













```
107 cas.authn ldap[0].ldapUrl=ldap://192.168.0.1
108 cas.authn ldap[0].useSsl=false
109 cas.authn ldap[0].useStartTls=false
110 # cas.authn ldap[0].connectTimeout=5000
111 cas.authn ldap[0].baseDn=dc=sample,dc=com
112 cas.authn ldap[0].userFilter=sAMAccountName={user}
113 cas.authn ldap[0].allowMissingPrincipalAttributeValues=true
114 cas.authn ldap[0].subtreeSearch=true
115 # cas.authn ldap[0].usePasswordPolicy=true
116 cas.authn ldap[0].bindDn=LDAPService@sample.com
117 cas.authn ldap[0].bindCredential=Happygo1!
118
119 # cas.authn ldap[0].poolPassivator=NONE|CLOSE|BIND
120 # cas.authn ldap[0].enhanceWithEntryResolver=true
121 cas.authn ldap[0].dnFormat=%s@sample.com
122 cas.authn ldap[0].principalAttributeId=sAMAccountName
123 # cas.authn ldap[0].principalAttributePassword
124 # Give an attribute list released from LDAP to CAS, could be used with attributeRepository.defaultAttributesToRelease to be visible on CAS P3 serviceVal
125 cas.authn ldap[0].principalAttributeList=sAMAccountName,sn,cn,givenName,displayName,memberOf
126 cas.authn ldap[0].allowMultiplePrincipalAttributeValues=true
127 # cas.authn ldap[0].additionalAttributes=
128 # cas.authn ldap[0].credentialCriteria=
129
130 # cas.authn ldap[0].saslmMechanism=GSSAPI|DIGEST_MD5|CRAM_MD5|EXTERNAL
131 # cas.authn ldap[0].saslmRealm=EXAMPLE.COM
132 # cas.authn ldap[0].saslmAuthorizationId=
133 # cas.authn ldap[0].saslmMutualAuth=
134 # cas.authn ldap[0].saslmQualityOfProtection=
135 # cas.authn ldap[0].saslmSecurityStrength=
136
137 # cas.authn ldap[0].trustCertificates=
138 # cas.authn ldap[0].keyStore=
```

3. Import Git Maven Project in Eclipse

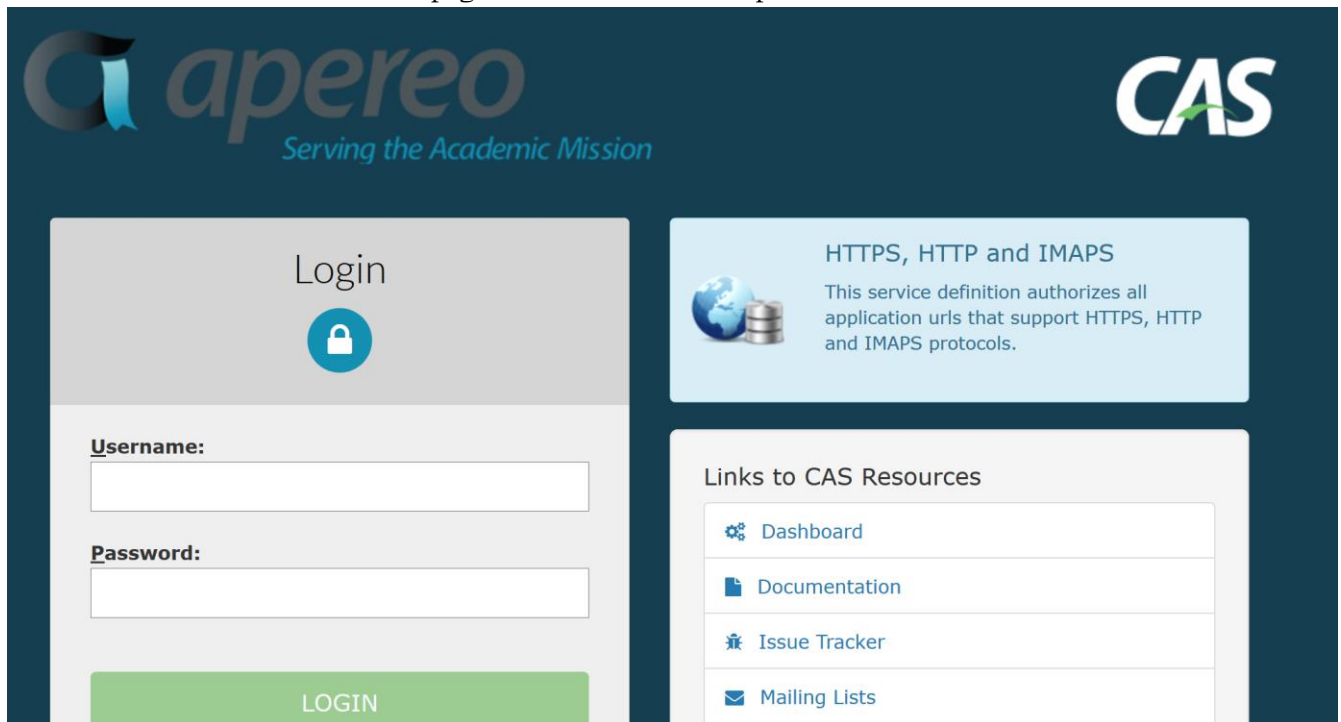


4. Depend your DB environment to execute DB Schema SQL and DB Init Data SQL. The DB Schema SQL and DB Init Data SQL of jndi/EASPDs and java:/EASPDADS in EASPortal, The DB Schema SQL and

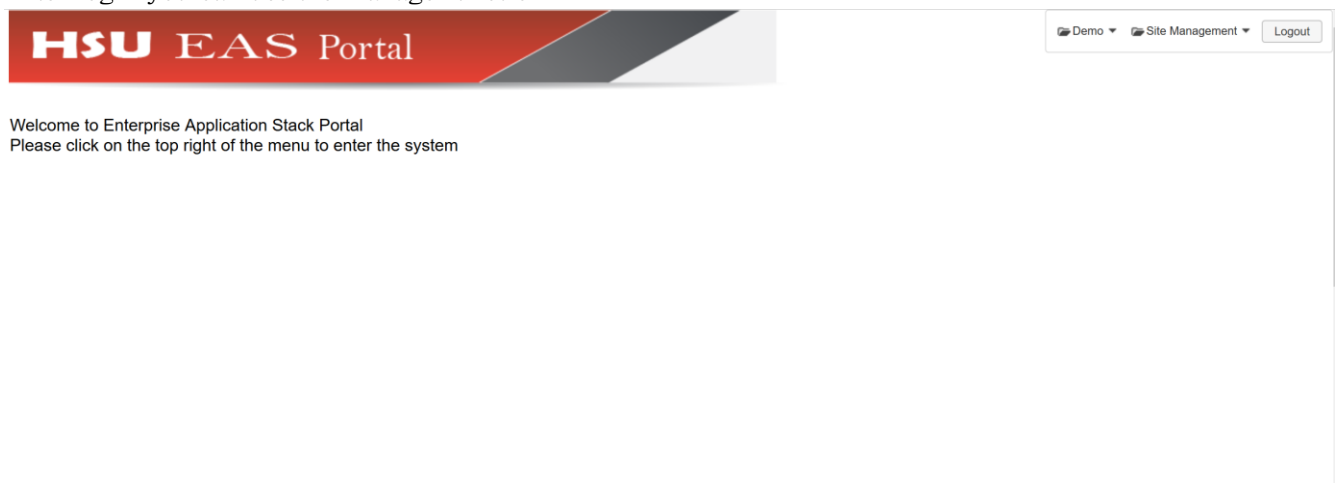
DB Init Data SQL of jndi/EASTDS and java:/EASTXADS in EASJavaJSFTemplate.

- ▼  DB Init Data SQL
 -  Init Data en.sql
 -  Init Data zh_CN.sql
 -  Init Data zh_TW.sql
- ▼  DB Schema SQL
 -  DB2 Schema.sql
 -  MySQL Schema.sql
 -  Oracle Schema.sql
 -  PostgreSQL Schema.sql
 -  SQL Server Schema.sql

5. Start AP Server and brows default page. Default account and password is admin and abcd12341!

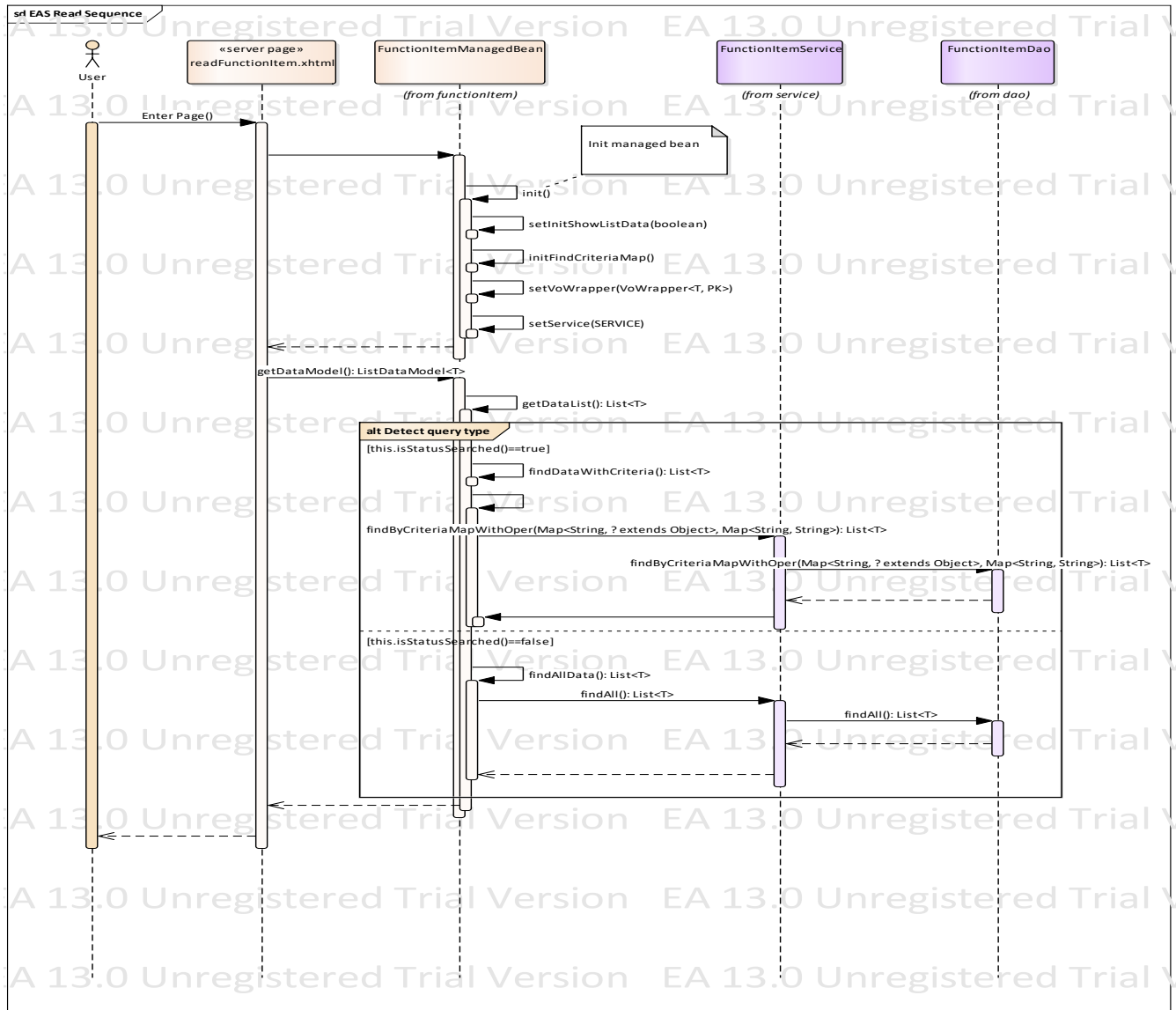


6. After login you can use the manage function

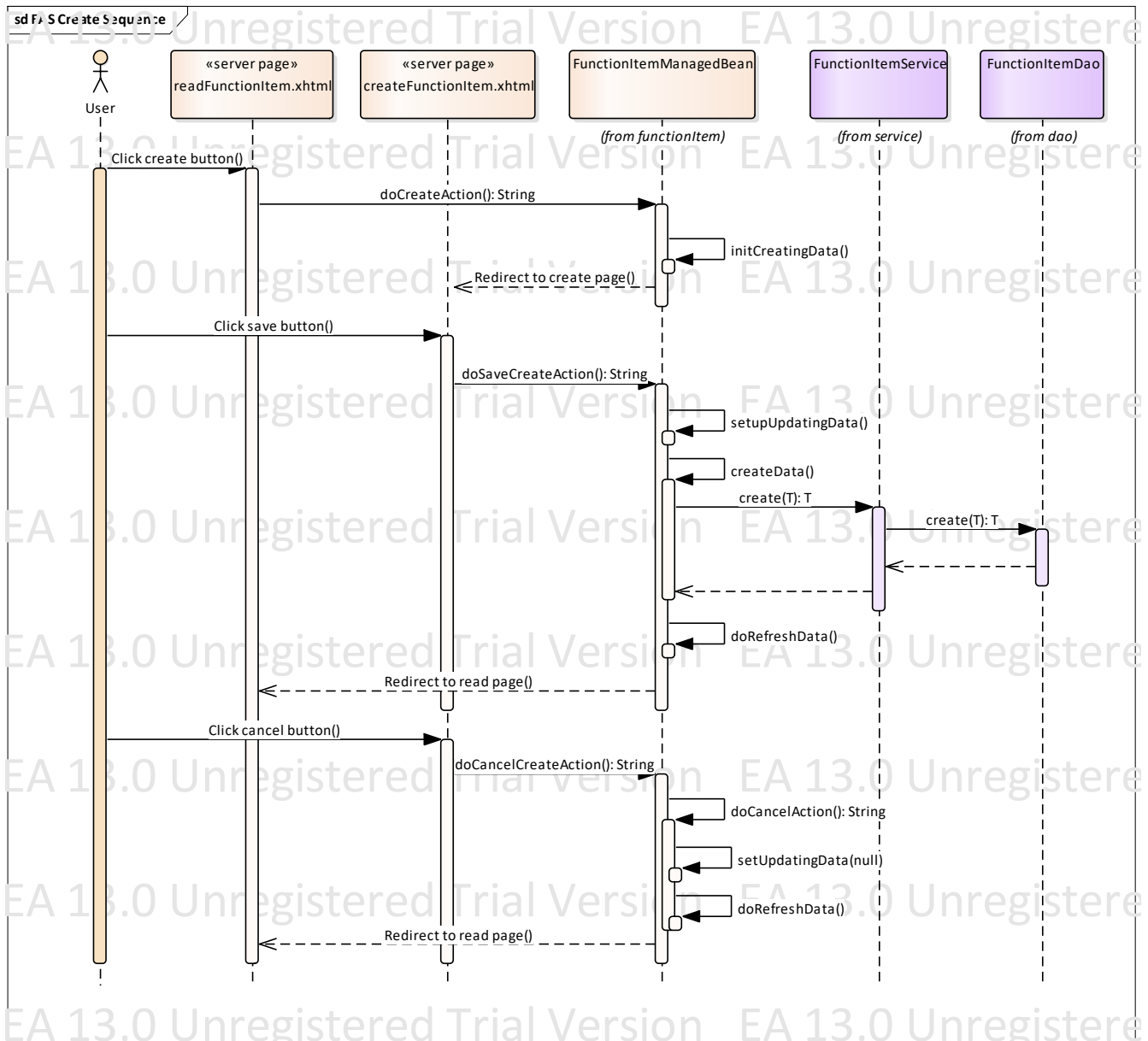


3. CRUD sequence machanism

3.1 Query



3.2 Create



3.3 Update & Delete

