

CT CMS

- Ver 1.0 -

표준프레임워크 적용 가이드

목 차

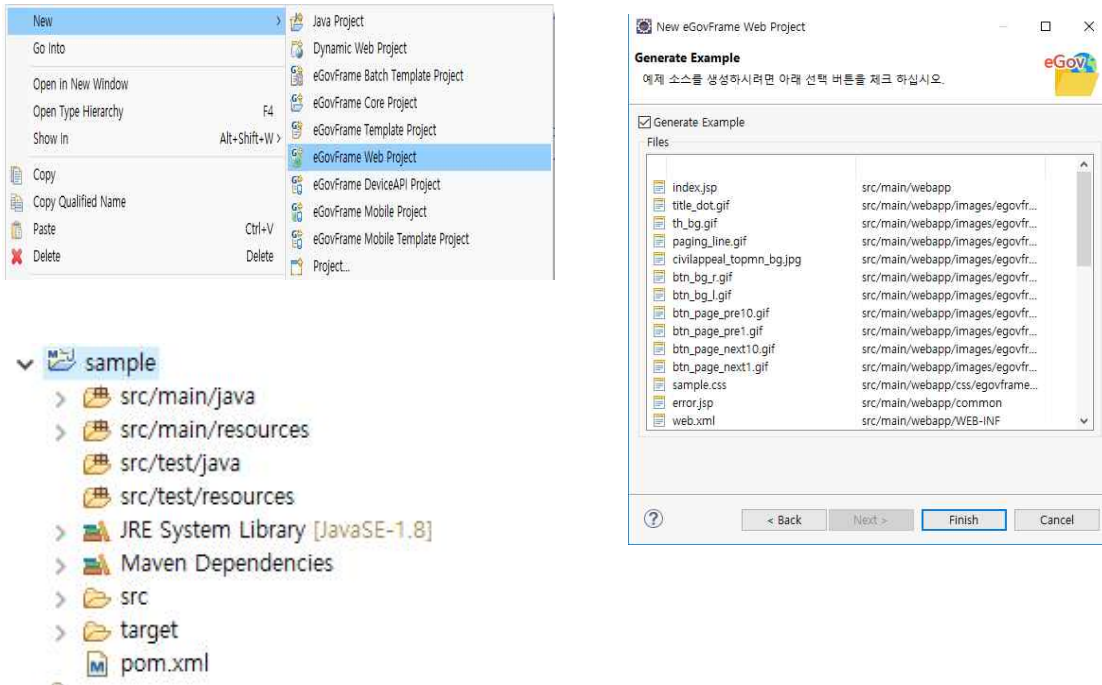
1. 표준프레임워크로 구성된 콘텐츠를 솔루션에 적용하는 것에 문제가 없는지 확인 (S<-R)
2. 표준프레임워크 프로젝트와 솔루션 연동 시 기능이 정상 동작하는지 확인 (S<-R)

1. 표준프레임워크로 구성된 콘텐츠를 솔루션에 적용하는 것에 문제가 없는지 확인 (S<-R)

가. sample(게시판) 프로젝트 생성

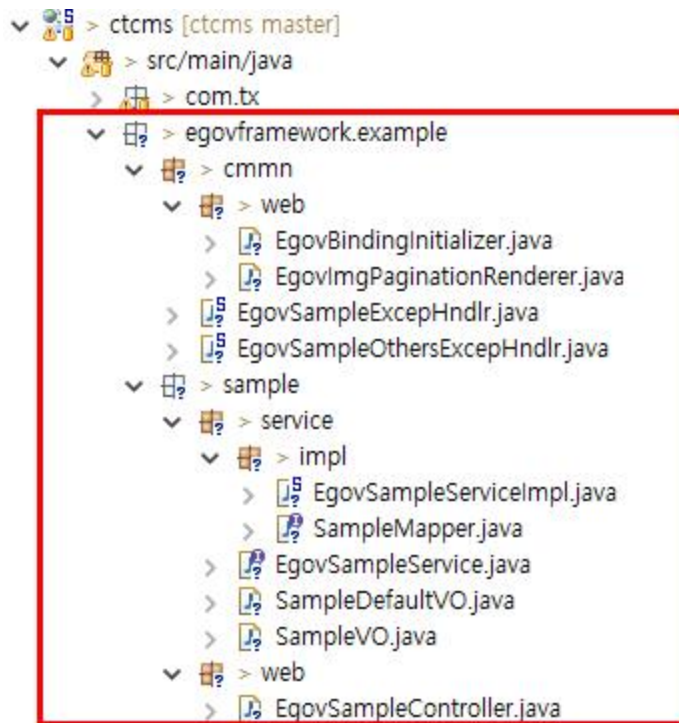
(eGovframe Web Project -> next -> generate example -> finish)

[그림 1] sample(게시판) 프로젝트 생성 과정

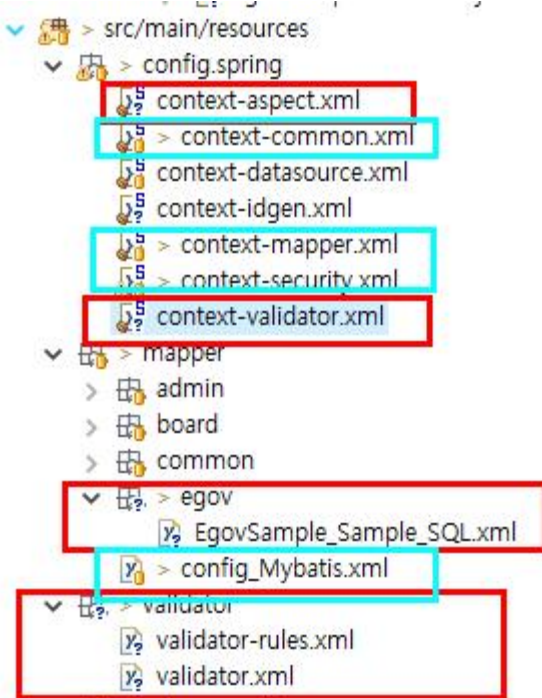


나. 솔루션 프로젝트에 sample(게시판) 프로젝트의 콘텐츠를 추가하여 상호 기능 동작 확인
(솔루션과 레거시 시스템 각각 CRUD 동작 이상 없어야 함)

- java 파일 추가



- 파일 추가 및 수정 (추가 : 빨강 , 수정 : 하늘색)



- context-common.xml

```
<context:component-scan base-package="egovframework">
  <context:exclude-filter type="annotation" expression="org.springframework.stereotype.Controller" />
</context:component-scan>
```

- context-mapper.xml

```
<!-- MapperConfigurer setup for MyBatis Database Layer with @Mapper("deptMapper") in DeptMapper Interface -->
<bean class="egovframework.rte.psl.dataaccess.mapper.MapperConfigurer">
  <property name="basePackage" value="egovframework.example.sample.service.impl" />
</bean>
```

- context-security.xml

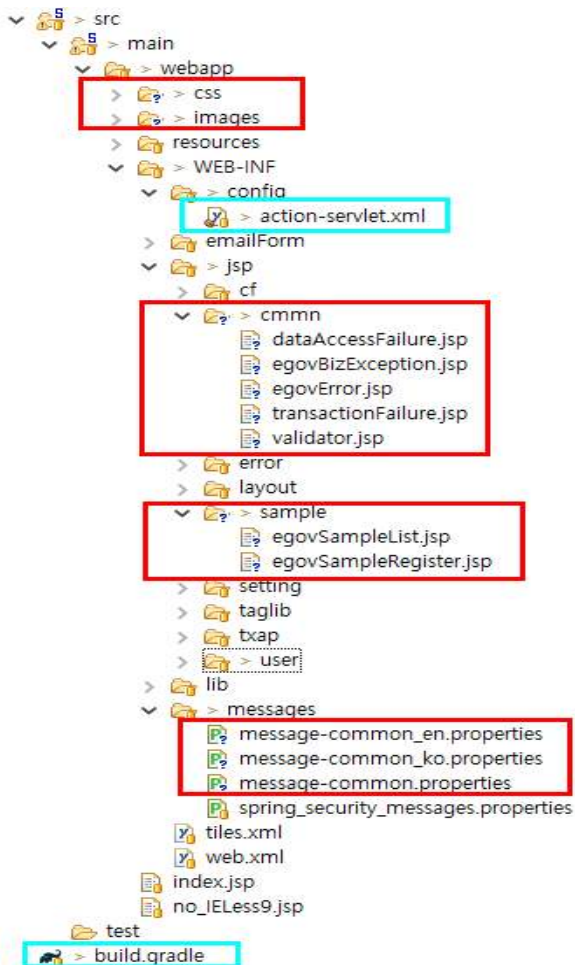
```
<beans:bean id="messageSource" class="org.springframework.context.support.ReloadableResourceBundleMessageSource">
  <beans:property name="basenames">
    <beans:list>
      <beans:value>/WEB-INF/messages/spring_security_messages</beans:value>
      <beans:value>/WEB-INF/messages/message-common</beans:value>
      <beans:value>classpath:/egovframework/rte/fdl/idgnr/messages/idgnr</beans:value>
      <beans:value>classpath:/egovframework/rte/fdl/property/messages/properties</beans:value>
      <beans:value>classpath:/egovframework/egovProps/globals</beans:value>
    </beans:list>
  </beans:property>
  <beans:property name="defaultEncoding" value="UTF-8"/>
  <beans:property name="cacheSeconds" value="5"/>
</beans:bean>
```

- config_Mybatis.xml

```
<typeAlias alias="egovMap" type="egovframework.rte.psl.dataaccess.util.EgovMap"/>  
<typeAlias alias="searchVO" type="egovframework.example.sample.service.SampleDefaultVO"/>  
<typeAlias alias="sampleVO" type="egovframework.example.sample.service.SampleVO"/>
```

- context-aspect.xml, context-idgen.xml, context-validator.xml 추가

- WEB-INF\config\egovframework\validator ->src\main\resources\validator 추가



- build.gradle 추가

```
compile group: 'org.antlr', name: 'antlr', version: '3.5'  
compile group: 'commons-validator', name: 'commons-validator', version: '1.4'  
compile group: 'org.springframework', name: 'spring-modules-validation', version: '0.9'
```

- css,image 폴더 및 하위 파일들 추가
- WEB-INF\jsp\egovframework\example -> WEB-INF\jsp 추가
- src\main\resources\egovframework\message -> WEB-INF\messages 추가
- action-servlet.xml
 component-scan base-package 추가

```
<context:component-scan base-package="com,egovframework" use-default-filters="false"> <!-- use-default-filters="false" 어노테이션 자동검색안함 -->
  <context:include-filter type="annotation" expression="org.springframework.stereotype.Controller"/><!-- 태그에 해당하는 어노테이션만 검색하고 bean을 등록시킴 -->
</context:component-scan>
```

인터셉터 제외처리

```
<mvc:interceptor>
  <mvc:mapping path="/**/*.do"/>
  <mvc:exclude-mapping path="/**/*.ajax.do"/>
  <mvc:exclude-mapping path="/**/*.Ajax.do"/>
  <mvc:exclude-mapping path="/async/**"/>
  <mvc:exclude-mapping path="/common/**"/>
  <mvc:exclude-mapping path="/**/*.update.do" />
  <mvc:exclude-mapping path="/**/*.insert.do" />
  <mvc:exclude-mapping path="/error.do"/>
  <mvc:exclude-mapping path="/egovSampleList.do"/>
  <mvc:exclude-mapping path="/**/*.Sample.do"/>
  <mvc:exclude-mapping path="/updateSampleView.do"/>
  <mvc:exclude-mapping path="/cmmn/validator.do"/>
  <bean id="UserInterceptor" class="com.tx.common.interceptor.UserInterceptor"/></bean>
</mvc:interceptor>
```

페이징 추가

```
<bean id="BoardNormalRenderer" class="com.tx.common.page.BoardNormalPagination"/>
<bean id="imageRenderer" class="egovframework.example.cmmn.web.EgovImgPaginationRenderer"/>

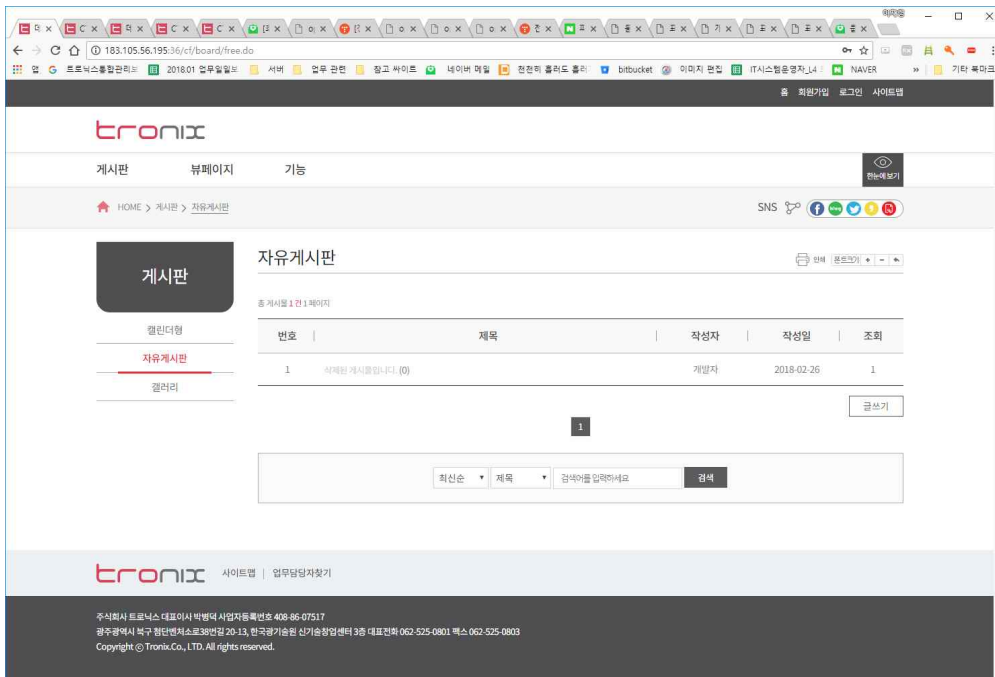
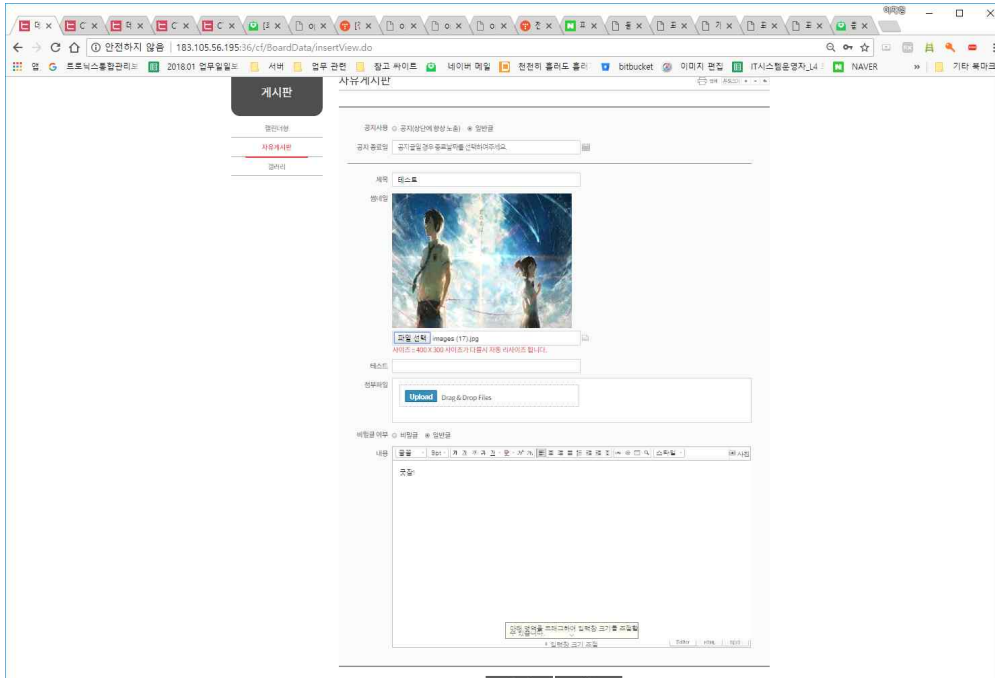
<bean id="paginationManager" class="egovframework.rte.ptl.mvc.tags.ui.pagination.DefaultPaginationManager">
  <property name="rendererType">
    <map>
      <entry key="image" value-ref="imageRenderer"/>
      <entry key="normal_board" value-ref="BoardNormalRenderer"/>
    </map>
  </property>
</bean>
```

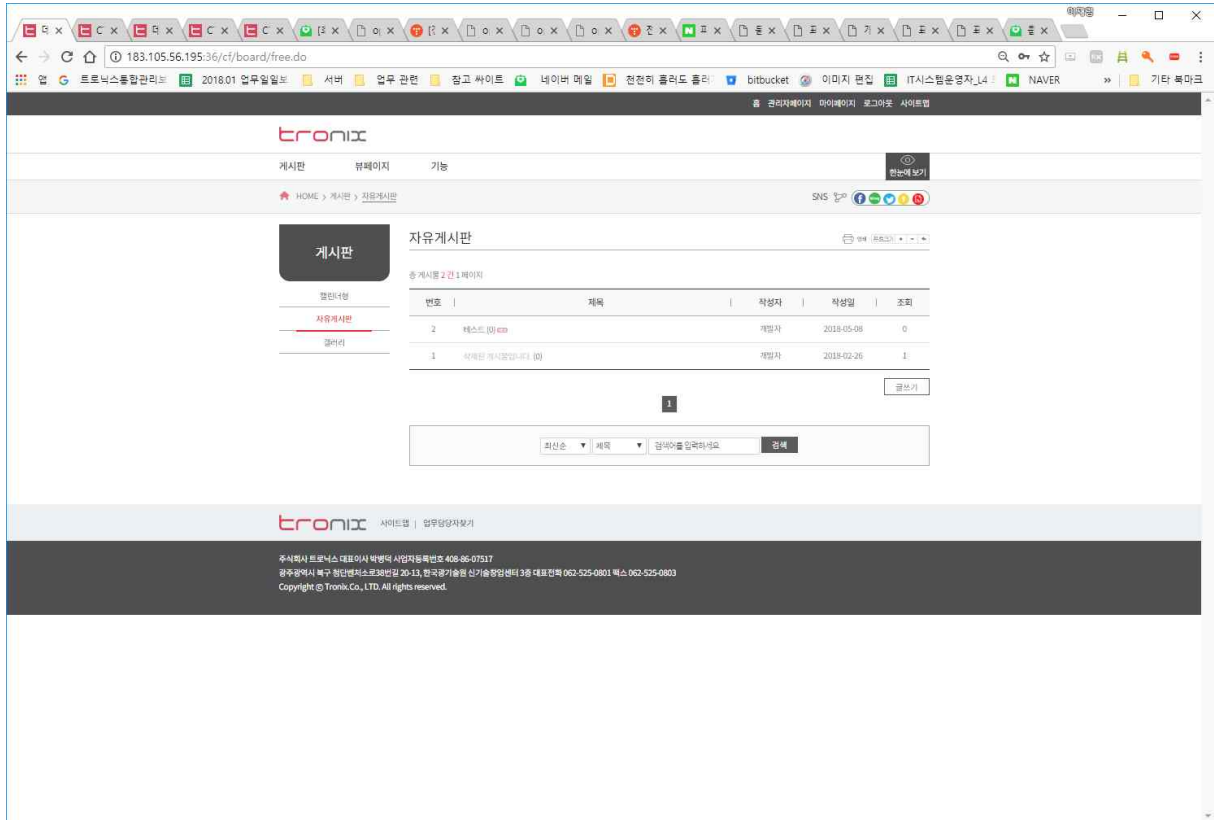
기존 컨트롤러와 겹쳐서 /cmmn/validator.do 컨트롤러 추가

```
<mvc:view-controller path="/cmmn/validator.do" view-name="cmmn/validator"/>
...
/**
 * 사용자 정의용 URL mapping
 *
 * @param model
 * @return
 * @throws Exception
 */
@RequestMapping(value = {"/{a}", "/{a}/{b}", "/{a}/{b}/{c}", "/{a}/{b}/{c}/{d}", "/{a}/{b}/{c}/{d}/{e}", "/{a}/{b}/{c}/{d}/{e}/{f}"})
public String userCustomURLMappingPatterns2(Model model,
    HTMLViewData htmlViewData,
    HttpServletRequest req
    ) throws Exception{

    @RequestMapping("/cmmn/validator.do")
    public String validator() throws Exception {
        return "cmmn/validator";
    }
}
```


- 솔루션 게시판 작동 확인





- 연동 게시판 작동 확인

List Sample

Name ▼

No	카테고리ID	카테고리명	사용여부	설명	등록자
115	SAMPLE-00001	Runtime Environment	Y	Foundation Layer	eGov
114	SAMPLE-00002	Runtime Environment	Y	Persistence Layer	eGov
113	SAMPLE-00003	Runtime Environment	Y	Presentation Layer	eGov
112	SAMPLE-00004	Runtime Environment	Y	Business Layer	eGov
111	SAMPLE-00005	Runtime Environment	Y	Batch Layer	eGov
110	SAMPLE-00006	Runtime Environment	Y	Integration Layer	e7Gov
109	SAMPLE-00007	Runtime Environment	Y	Integration Layer	eGov
108	SAMPLE-00008	Runtime Environment	Y	Integration Layer	eGov
107	SAMPLE-00009	Runtime Environment	Y	Integration Layer	eGov
106	SAMPLE-00010	Runtime Environment	Y	Integration Layer	eGov
105	SAMPLE-00011	Runtime Environment	Y	Integration Layer	eGov
104	SAMPLE-00012	Runtime Environment	Y	Integration Layer	eGov
103	SAMPLE-00013	Runtime Environment	Y	Integration Layer	eGov
102	SAMPLE-00014	Runtime Environment	Y	Integration Layer	eGov
101	SAMPLE-00015	Runtime Environment	Y	Integration Layer	eGov
100	SAMPLE-00016	Runtime Environment	Y	Integration Layer	eGov
99	SAMPLE-00017	Runtime Environment	Y	Integration Layer	eGov
98	SAMPLE-00018	Runtime Environment	Y	Integration Layer	eGov
97	SAMPLE-00019	Runtime Environment	Y	Integration Layer	eGov
96	SAMPLE-00020	Runtime Environment	Y	Integration Layer	eGov

1 2 3 4 5 6

등록

카테고리명	<input type="text" value="테스트"/>	카테고리명 은 필수 입력값입니다.
사용여부	<input type="button" value="Yes"/>	
설명	<input type="text" value="굿잡"/>	설명 은 필수 입력값입니다.
등록자	<input type="text" value="등록자"/>	등록자 은 필수 입력값입니다.

List Sample

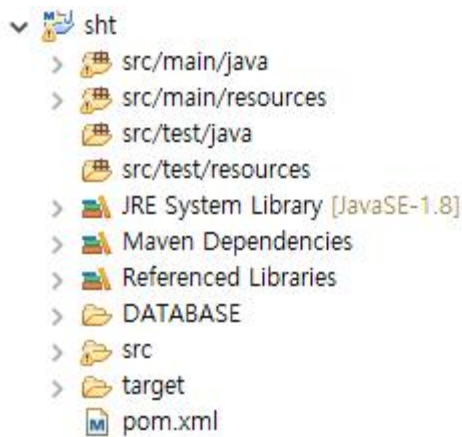
Name

No	카테고리ID	카테고리명	사용여부	설명	등록자
66	SAMPLE-00101	Runtime Environment	Y	Integration Layer	eGov
65	SAMPLE-00102	Runtime Environment	Y	Integration Layer	eGov
64	SAMPLE-00103	Runtime Environment	Y	Integration Layer	eGov
63	SAMPLE-00104	Runtime Environment	Y	Integration Layer	eGov
62	SAMPLE-00105	Runtime Environment	Y	Integration Layer	eGov
61	SAMPLE-00106	Runtime Environment	Y	Integration Layer	eGov
60	SAMPLE-00107	Runtime Environment	Y	Integration Layer	eGov
59	SAMPLE-00108	Runtime Environment	Y	Integration Layer	eGov
58	SAMPLE-00109	Runtime Environment	Y	Integration Layer	eGov
57	SAMPLE-00110	Runtime Environment	Y	Integration Layer	eGov
56	SAMPLE-00111	Runtime Environment	Y	Integration Layer	eGov
55	SAMPLE-00112	Runtime Environment	Y	Integration Layer	eGov
54	SAMPLE-00113	Runtime Environment	Y	Integration Layer	eGov
53	SAMPLE-00114	Runtime Environment	Y	Integration Layer	eGov
52	SAMPLE-00115	카테고리명	Y	설명! 수정!	등록자!
51	SAMPLE-00125	테스트	Y	굿잡	등록자

1 2 3 4 5 6

2. 표준프레임워크 프로젝트와 솔루션 동시 기능이 정상 동작하는지 확인 (S<-R))

1. Simple Homepage Template 프로젝트 생성(프로젝트명 : sht)



3. 솔루션을 Simple Homepage Template 프로젝트에 적용하여 상호 기능동작 확인 확인 (솔루션과 레거시 시스템 각각 CRUD 동작 이상 없어야 함)

- web module 2.5 -> 3.0 변경

```
<web-app id="WebApp_ID" xmlns="http://java.sun.com/xml/ns/javaee"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://java.sun.com/xml/ns/javaee
    http://java.sun.com/xml/ns/javaee/web-app_3_0.xsd"
  version="3.0">
```

- 솔루션의 java, resources, jsp 추가

- pom.xml 내용 추가

```
<dependency>
  <groupId>org.springframework</groupId>
  <artifactId>spring-webmvc</artifactId>
  <version>${spring.maven.artifact.version}</version>
</dependency>
<dependency>
  <groupId>javax.websocket</groupId>
  <artifactId>javax.websocket-api</artifactId>
  <scope>provided</scope>
  <version>1.1</version>
</dependency>
<dependency>
  <groupId>commons-fileupload</groupId>
  <artifactId>commons-fileupload</artifactId>
  <version>1.3.1</version>
</dependency>
<dependency>
```

```

        <groupId>javax.servlet.jsp</groupId>
        <artifactId>jsp-api</artifactId>
        <version>2.2</version>
        <scope>provided</scope>
    </dependency>
</dependency>
    <dependency>
        <groupId>com.ibm.icu</groupId>
        <artifactId>icu4j</artifactId>
        <version>53.1</version>
    </dependency>

<dependency>
    <groupId>org.springframework.security</groupId>
    <artifactId>spring-security-web</artifactId>
    <version>3.2.4.RELEASE</version>
</dependency>

<dependency>
    <groupId>org.springframework.security</groupId>
    <artifactId>spring-security-config</artifactId>
    <version>3.2.4.RELEASE</version>
</dependency>

<dependency>
    <groupId>org.springframework.security</groupId>
    <artifactId>spring-security-taglibs</artifactId>
    <version>3.2.4.RELEASE</version>
</dependency>

<dependency>
    <groupId>org.apache.tiles</groupId>
    <artifactId>tiles-extras</artifactId>
    <version>3.0.5</version>
</dependency>

<dependency>
    <groupId>com.naver.corp.lucy</groupId>
    <artifactId>lucy-xss</artifactId>
    <version>1.6.3</version>
</dependency>

<dependency>
    <groupId>org.springframework.mobile</groupId>
    <artifactId>spring-mobile-device</artifactId>
    <version>1.1.3.RELEASE</version>
</dependency>

<dependency>
    <groupId>org.codehaus.jackson</groupId>
    <artifactId>jackson-mapper-asl</artifactId>
    <version>1.9.13</version>
</dependency>

<dependency>
    <groupId>org.codehaus.jackson</groupId>

```

```
<artifactId>jackson-core-asm</artifactId>
<version>1.9.12</version>
</dependency>
<dependency>
  <groupId>commons-io</groupId>
  <artifactId>commons-io</artifactId>
  <version>2.4</version>
</dependency>
<dependency>
  <groupId>com.googlecode.json-simple</groupId>
  <artifactId>json-simple</artifactId>
  <version>1.1</version>
</dependency>
<dependency>
  <groupId>org.apache.tika</groupId>
  <artifactId>tika-core</artifactId>
  <version>1.14</version>
</dependency>
<dependency>
  <groupId>org.apache.tika</groupId>
  <artifactId>tika-parsers</artifactId>
  <version>1.14</version>
</dependency>
<dependency>
  <groupId>org.apache.commons</groupId>
  <artifactId>commons-compress</artifactId>
  <version>1.14</version>
</dependency>
<dependency>
  <groupId>com.google.zxing</groupId>
  <artifactId>core</artifactId>
  <version>3.2.0</version>
</dependency>
<dependency>
  <groupId>com.google.zxing</groupId>
  <artifactId>javase</artifactId>
  <version>3.2.0</version>
</dependency>
<dependency>
  <groupId>javax.inject</groupId>
  <artifactId>javax.inject</artifactId>
  <version>1</version>
</dependency>
<dependency>
  <groupId>org.aspectj</groupId>
  <artifactId>aspectjrt</artifactId>
  <version>1.6.10</version>
```

```

</dependency>
<dependency>
  <groupId>org.springframework</groupId>
  <artifactId>spring-aop</artifactId>
  <version>${spring.maven.artifact.version}</version>
</dependency>
<dependency>
  <groupId>org.lazyluke</groupId>
  <artifactId>log4jdbc-remix</artifactId>
  <version>0.2.7</version>
</dependency>

```

-web.xml 내용 추가

```

<filter>
  <filter-name>deviceResolverRequestFilter</filter-name>
  <filter-class>org.springframework.mobile.device.DeviceResolverRequestFilter</filter-class>
</filter>
<filter-mapping>
  <filter-name>deviceResolverRequestFilter</filter-name>
  <url-pattern>/*</url-pattern>
</filter-mapping>
<filter>
  <filter-name>CustomWebInvocationPrivilegeEvaluatorProvideFilter</filter-name>
  <filter-class>org.springframework.web.filter.DelegatingFilterProxy</filter-class>
  <init-param>
    <param-name>targetBeanName</param-name>
    <param-value>customWebInvocationPrivilegeEvaluatorProvideFilter</param-value>
  </init-param>
</filter>
<filter-mapping>
  <filter-name>CustomWebInvocationPrivilegeEvaluatorProvideFilter</filter-name>
  <url-pattern>/*</url-pattern>
</filter-mapping>
<filter>
  <filter-name>MultipartFilter</filter-name>
  <filter-class>org.springframework.web.multipart.support.MultipartFilter</filter-class>
</filter>
<filter>
  <filter-name>springSecurityFilterChain</filter-name>
  <filter-class>org.springframework.web.filter.DelegatingFilterProxy</filter-class>
</filter>
<filter-mapping>
  <filter-name>MultipartFilter</filter-name>
  <servlet-name>/*</servlet-name>
</filter-mapping>
<filter-mapping>
  <filter-name>springSecurityFilterChain</filter-name>
  <url-pattern>/*</url-pattern>
</filter-mapping>

```



```
<listener>
  <listener-class>org.springframework.security.web.session.HttpSessionEventPublisher</listener-class>
</listener>
```

- egov-com-servlet.xml 내용 추가

```
<mvc:resources mapping="/resources/**" location="/resources/" />
<!-- 패키지 내 Controller, Service, Repository 클래스의 auto detect를 위한 mvc 설정 -->
<context:component-scan base-package="egovframework.com"
  <context:include-filter type="annotation" expression="org.springframework.stereotype.Controller"/>
  <context:exclude-filter type="annotation" expression="org.springframework.stereotype.Service"/>
  <context:exclude-filter type="annotation" expression="org.springframework.stereotype.Repository"/>
</context:component-scan>

<!-- Tiles -->
<bean id="tilesViewResolver" class="org.springframework.web.servlet.view.UrlBasedViewResolver" p:order="1">
  <property name="viewClass" value="org.springframework.web.servlet.view.tiles3.TilesView" />
</bean>

<bean id="tilesConfigurer" class="org.springframework.web.servlet.view.tiles3.TilesConfigurer">
  <property name="definitions">
    <list>
      <value>/WEB-INF/tiles.xml</value>
    </list>
  </property>
</bean>

<!-- 화면처리를 JSP 파일명의 prefix, suffix 처리에 대한 mvc 설정 -->
<bean class="org.springframework.web.servlet.view.UrlBasedViewResolver" p:order="2"
  p:viewClass="org.springframework.web.servlet.view.JstlView"
  p:prefix="/WEB-INF/jsp/" p:suffix=".jsp"/>
<!-- 로그인 체크가 필요한 URL과 로그인 여부를 체크해준다 -->
<mvc:interceptors>
  <mvc:interceptor>
    <mvc:mapping path="/cop/com/*.do"/>
    <mvc:mapping path="/cop/bbs/*Master*.do"/>
    <mvc:mapping path="/uat/uia/*.do"/>
    <mvc:exclude-mapping path="/uat/uia/actionLogin.do"/>
    <mvc:exclude-mapping path="/uat/uia/egovLoginUsr.do"/>
    <bean class="egovframework.com.cmm.interceptor.AuthenticInterceptor" />
  </mvc:interceptor>
</mvc:interceptors>

<mvc:interceptors>
  <mvc:interceptor>
    <mvc:mapping path="/*.do"/>
    <mvc:mapping path="/**/*.do"/>
    <mvc:exclude-mapping path="/txap/ipfilter/error.do"/>
    <mvc:exclude-mapping path="/txap/ipfilter.do"/>
    <mvc:exclude-mapping path="/txap/ipfilter/**/*.do"/>
    <bean id="LoggerInterceptor" class="com.tx.admin.function.ipfilter.interceptor.IpFilterInterceptor"></bean>
  </mvc:interceptor>

  <mvc:interceptor>
    <mvc:mapping path="/txap/**/*.do"/>
    <mvc:mapping path="/cf/**/*.do"/>
    <mvc:exclude-mapping path="/**/*.ajax.do"/>
    <mvc:exclude-mapping path="/**/*.Ajax.do"/>
    <mvc:exclude-mapping path="/async/**"/>
    <mvc:exclude-mapping path="/common/**"/>
    <mvc:exclude-mapping path="/**/*.update.do" />
    <mvc:exclude-mapping path="/**/*.insert.do" />
    <mvc:exclude-mapping path="/error.do"/>
    <bean id="UserInterceptor" class="com.tx.common.interceptor.UserInterceptor"></bean>
  </mvc:interceptor>
</mvc:interceptors>
```

- context-common.xml 수정

```
<!-- component-scan 설정-->
<context:component-scan base-package="egovframework, com">
  <context:include-filter type="annotation" expression="org.springframework.stereotype.Service"/>
  <context:include-filter type="annotation" expression="org.springframework.stereotype.Repository"/>
  <context:exclude-filter type="annotation" expression="org.springframework.stereotype.Controller"/>
</context:component-scan>

<!-- For Pagination Tag 설정-->
<bean id="imageRenderer" class="egovframework.com.cmm.ImagePaginationRenderer"/>
<bean id="BoardNormalRenderer" class="com.tx.common.page.BoardNormalPagination"/>
<bean id="paginationManager" class="egovframework.rte.ptl.mvc.tags.ui.pagination.DefaultPaginationManager">
  <property name="rendererType">
    <map>
      <entry key="image" value-ref="imageRenderer"/>
      <entry key="normal_board" value-ref="BoardNormalRenderer"/>
    </map>
  </property>
</bean>

<!-- 메일 발송 -->
<bean id="mailSender" class="org.springframework.mail.javamail.JavaMailSenderImpl" >
  <property name="host" value="${email.host}" />
  <property name="port" value="${email.port}" />
  <property name="username" value="${email.username}" />
  <property name="password" value="${email.password}" />
  <property name="javaMailProperties">
    <props>
      <prop key="mail.smtp.starttls.enable">true</prop>
    </props>
  </property>
</bean>

<!-- Velocity 설정 -->
<bean id="velocityEngine" class="org.springframework.ui.velocity.VelocityEngineFactoryBean">
  <property name="resourceLoaderPath" value="WEB-INF/emailForm"/>
</bean>
```

- context-datasource.xml 수정

```

<!-- 환경설정 기본정보를 globals.properties 에서 참조하도록 propertyConfigurer 설정 -->
<bean id="propertyConfigurer"
    class="org.springframework.beans.factory.config.PropertyPlaceholderConfigurer">
    <property name="Locations">
        <list>
            <value>classpath:/egovframework/egovProps/globals.properties</value>
            <value>classpath:/config.properties</value>
            <!-- value>file:/product/jeus/egovProps/globals.properties</value-->
        </list>
    </property>
</bean>

<!-- mysql -->
<bean id="dataSource-mysql" class="org.apache.commons.dbcp.BasicDataSource" destroy-method="close">
    <property name="driverClassName" value="${db.driver_mysql}"/>
    <property name="url" value="${db.url}"/>
    <property name="username" value="${db.username}"/>
    <property name="password" value="${db.password}"/>
    <property name="validationQuery" value="select 1"/> <!-- 커넥션이 살아 있는지 확인할 쿼리 -->
    <property name="testWhileIdle" value="true"/>
    <property name="timeBetweenEvictionRunsMillis" value="7200000"/>
</bean>
    
```

- context-properties.xml 수정

```

<!-- 프로퍼티 정보 설정 -->
<bean name="propertiesService" class="egovframework.rte.fdl.property.impl.EgovPropertyServiceImpl" destroy-method="destroy">
    <property name="properties">
        <map>
            <entry key="pageUnit" value="10"/>
            <entry key="pageSize" value="10"/>
            <entry key="posblAtchFileSize" value="5242880"/>
            <entry key="Globals.fileStorePath" value="/user/file/sht"/>
            <entry key="Globals.addedOptions" value="false"/>
            <entry key="FilePath" value="${fileupload.filePath}"/>
            <entry key="ImgPath" value="${fileupload.imgFilePath}"/>
            <entry key="resourcePath" value="${resource.path}"/>
            <entry key="mailName" value="${email.name}"/>
            <entry key="mailAddress" value="${email.username}"/>
        </map>
    </property>
</bean>
    
```

- context-security.xml 추가 (dataSource id 수정)

```

<beans:bean id="securedObjectDao" class="com.tx.common.security.dao.SecuredObjectDao">
    <beans:property name="dataSource" ref="dataSource-mysql" />
</beans:bean>
    
```

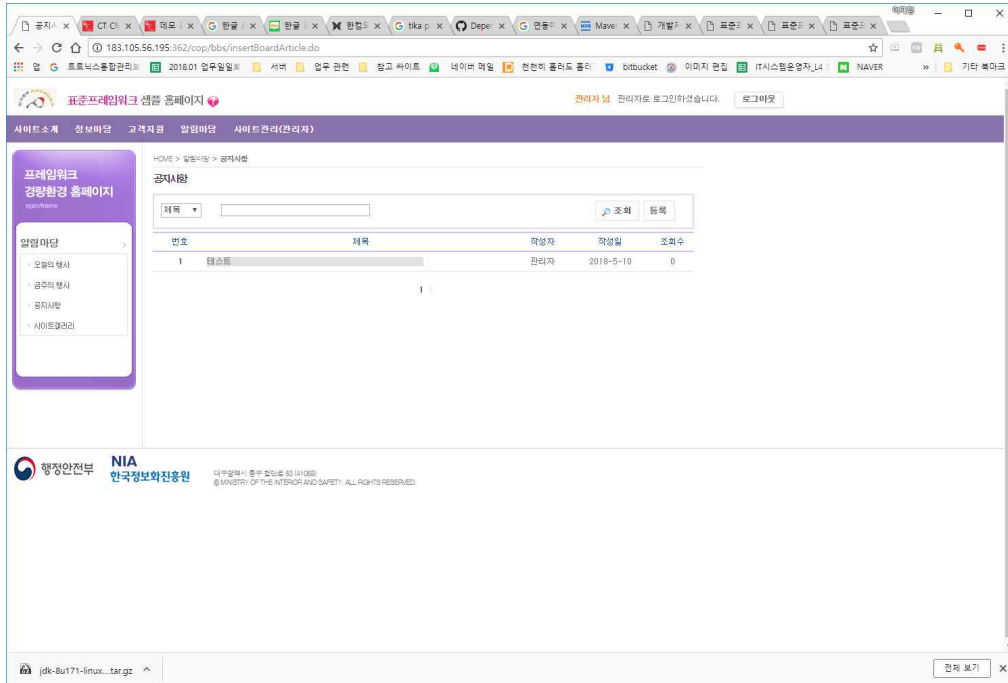
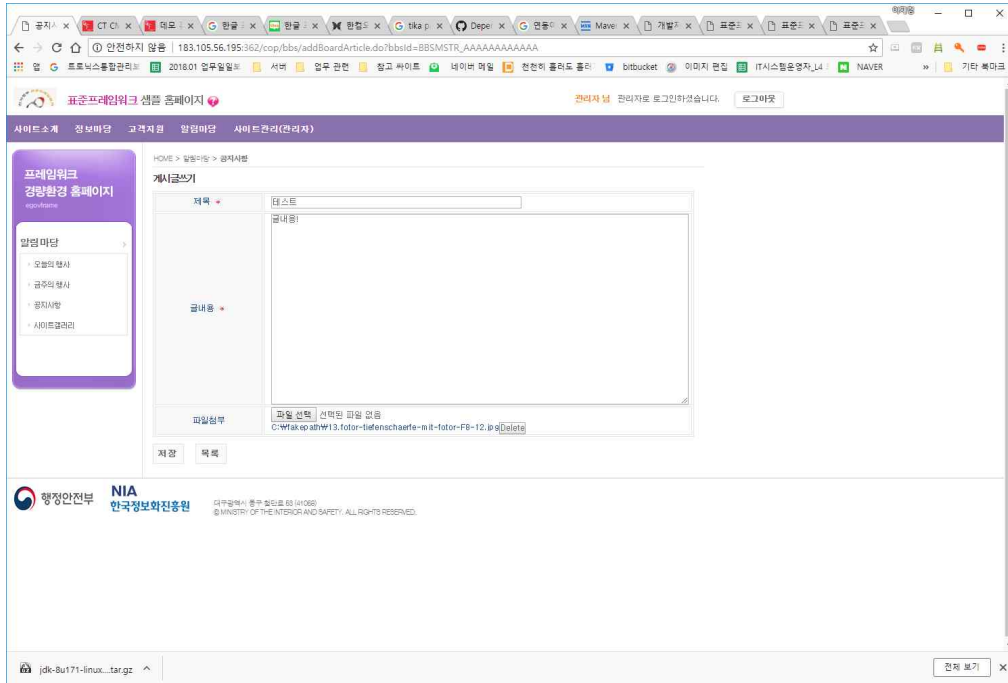
- context-sqlMap.xml 수정

```
<bean id="sqlSession" class="org.mybatis.spring.SqlSessionFactoryBean">
  <property name="dataSource" ref="dataSource-mysql" />
  <property name="mapperLocations" value="classpath:/mapper/**/*.xml" />
  <property name="configLocation" value="classpath:/mapper/config_Mybatis.xml" />
</bean>

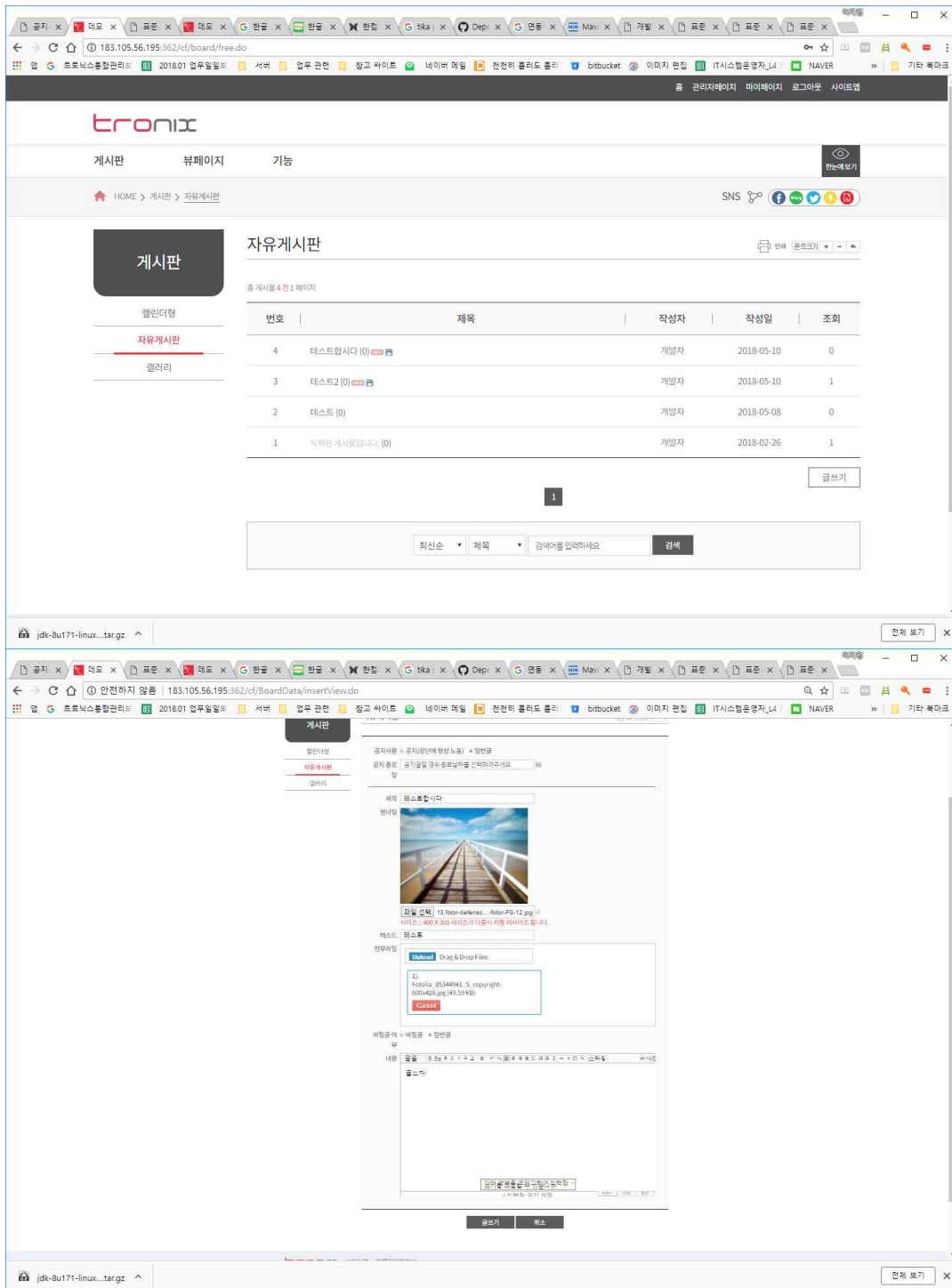
<bean id="sqlSessionTemplate" class="org.mybatis.spring.SqlSessionTemplate">
  <constructor-arg index="0" ref="sqlSession"/>
</bean>

<bean id="ipFilter" class="com.tx.admin.function.ipfilter.service.IpFilter">
  <constructor-arg index="0" ref="sqlSessionTemplate"/>
</bean>
```

- 레거시 시스템 동작 확인



- 솔루션 시스템 동작 확인



4. Simple Homepage Template 프로젝트와 솔루션의 권한처리 공유 (sht 계정 : admin / 1)

- 템플릿에 솔루션 로그인 기능 추가

```

@RequestMapping(value = "/uat/ua/actionLogin.do")
public String actionLogin(@ModelAttribute("loginVO") LoginVO loginVO, HttpServletRequest request, ModelMap model) throws Exception {

    // 1. 일반 로그인 처리
    LoginVO resultVO = loginService.actionLogin(loginVO);

    boolean loginPolicyYn = true;

    if (resultVO != null && resultVO.getId() != null && !resultVO.getId().equals("") && loginPolicyYn) {
        request.getSession().setAttribute("LoginVO", resultVO);

        //솔루션 로그인 처리
        SecurityService.createNewAuthentication("txadmin", request);

        return "forward:/cmm/main/mainPage.do";
    } else {
        model.addAttribute("message", egovMessageSource.getMessage("fail.common.login"));
        return "cmm/uat/ua/EgovLoginUsr";
    }
}
    
```

- context-security 에 추가

```

<http pattern="/cop/com/*.do" auto-config="true"/>
<http pattern="/cop/bbs/*Master*.do" auto-config="true"/>
<http pattern="/uat/ua/*.do" auto-config="true"/>
    
```

- 템플릿에 솔루션 로그아웃 기능 추가

```

/**
 * 로그아웃한다.
 * @return String
 * @exception Exception
 */
@RequestMapping(value = "/uat/ua/actionLogout.do")
public String actionLogout(HttpServletRequest request, ModelMap model) throws Exception {

    RequestContextHolder.getRequestAttributes().removeAttribute("LoginVO", RequestAttributes.SCOPE_SESSION);

    //솔루션 로그아웃 처리
    RequestContextHolder.getRequestAttributes().removeAttribute("userInfo", RequestAttributes.SCOPE_SESSION);
    SecurityContextHolder.getContext().setAuthentication(null);

    return "forward:/cmm/main/mainPage.do";
}
    
```

- 솔루션에 템플릿 로그인 추가 (CustomAuthenticationSuccessHandler.java)

```
/**
 * 유저정보 세션에 저장 및 활동기록 저장
 * @param map
 * @param request
 */
private void setUserInfo(Map<String, Object> map, HttpServletRequest request) {
    // TODO Auto-generated method stub
    String UIA_NAME = (String)map.get("UIA_NAME");
    Map<String, Object> authority = new HashMap<String, Object>();
    authority.put("authList", UIA_NAME.split(","));
    map.put("isAdmin", Component.getData("Authority.UIA_isAdmin", authority)); //관리자 여부
    String ip = Component.getClientIP(request);
    map.put("ip", ip);
    request.getSession().setAttribute("userInfo", map);
}
```

```
LoginVO loginVO = new LoginVO();
loginVO.setId("admin");
loginVO.setPassword("1");
loginVO.setUserSe("USR");
try {
    loginVO = loginService.actionLogin(loginVO);
} catch (Exception e) {
    // TODO Auto-generated catch block
    System.out.println("로그인 에러");
}
request.getSession().setAttribute("LoginVO", loginVO);
```


5. 메이븐 빌드

