EduPack 개발 표준 가이드

EduPack 설정

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1. 파일 구성

EduPack

- apach-tomcat-9.0.54
- eclipse → eGov Framework 3.10
- install → mariaDB 설치 파일
- java-1.8.0-openjdk
- maven
- workspace

edupack_egov₩src₩main₩edupack_nexacro: ui 소스 edupack_egov₩src₩main₩webapp₩edupack_nexacro: Generate Path

EduPack 파일은 C:₩ 에 위치 (C:₩EduPack)

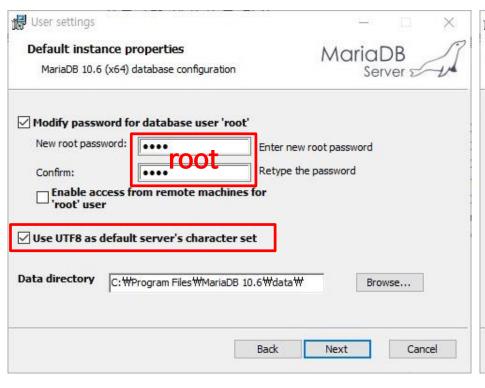


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2. Maria DB 설치

파일 위치

C:₩EduPack₩install₩mariadb-10.6.7-winx64.msi



Database settings			(
Default instance MariaDB 10.6 (x64		MariaDB Server		II.	
☑ Install as service					
Service Name:	MariaDB				
Enable networking	g				
TCP port:	3306				
Innodb engine s	ettings				
Buffer pool size:	979 MB				
Page size:	16 V KB				
		Back	Next	Cance	el
	#T			1//	48

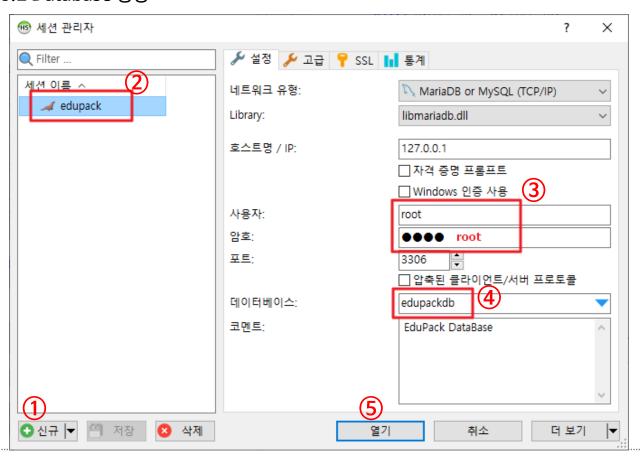
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3. Maria DB 설정

3.1 바탕화면 HeidiSQL 실행



3.2 Database 생성





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3. Maria DB 설정

3.3 테이블 생성

SQL 파일 위치 C:₩EduPack₩install₩edupackSQL.sql

```
⊕ edupack₩edupackdb₩ - HeidiSQL 11.3.0.6295

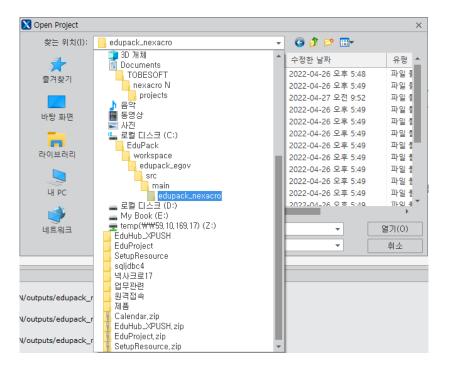
                                                                                                                                                 \times
파일 편집 검색 쿼리 도구 이동 도움말
                                                                                                                                              Donate
【 데이터베 ె 테이블 필
                                              데이터베이스: edupackdb 🔲 테이블: bookinfo 🔛 데이터 🕨 쿼리* 🔣
128.0 KiB
                                                  INSERT INTO SAMPLE VALUES('SAMPLE-00013', 'Runtime Environment13', 'Foundation Layer13', 'Y', 'eGo.
 > => edu...
                               INSERT INTO SAMPLE VALUES ('SAMPLE-00014', 'Runtime Environment14', 'Foundation Layer14', 'Y', 'eGov
                               INSERT INTO SAMPLE VALUES('SAMPLE-00015', 'Runtime Environment15', 'Foundation Layer15', 'Y', 'eGov
                                                                                                                                > 🕴 SQL 함수
                               INSERT INTO SAMPLE VALUES('SAMPLE-00016', 'Runtime Environment16', 'Foundation Layer16', 'Y', 'eGov
                                                                                                                                > ₹ SQL 키워드
                               INSERT INTO SAMPLE VALUES('SAMPLE-00017', 'Runtime Environment17', 'Foundation Layer17', 'Y', 'eGov
                                                                                                                                > 🗀 스니펫
                               CREATE TABLE USER(USER_ID VARCHAR(50) NOT NULL PRIMARY KEY, USER_NAME VARCHAR(50) NOT NULL, USE
                                                                                                                                 > 🕔 쿼리 내역
                               INSERT INTO USER VALUES('admin'.'관리자'.'administrator'.'1234');
                               INSERT INTO USER VALUES('test1',' # 4 # 1', 'tester1', 'test1');
                                                                                                                                 > 🔲 🔒 쿼리 프로필
                          23
                                                                                                                                 > 🗆 </> 매개 변수 연결
                               CREATE TABLE TB_EMP (EMPL_ID VARCHAR(20) NULL, FULL_NAME VARCHAR(50) NULL, DEPT_CD VARCHAR(20)
                               INSERT INTO TB_EMP VALUES( 'AA001', 'Olivia' , '01', '03', '20101003', 83000, 'W', '1', INSERT INTO TB_EMP VALUES( 'AA002', 'John' , '02', '02', '20111102', 72000, 'M', '0',
                               INSERT INTO TB_EMP VALUES( 'AA003', 'Jackson', '03', '04', '20090213', 53000, 'M', '1',
                                                                                                                      'light
                                                                          , '04', '04', '20111203', 56000, 'W', '1',
                                                 VALUES( 'BB001', 'Maia'
                                                                          , '01', '01', '20141013', 47000, 'M', '0',
                               INSERT INTO TB EMP VALUES( 'BB002', 'Adam'
                               INSERT INTO TB_EMP VALUES( 'BB003', 'Ray'
                                                                             '02', '02', '20150910', 68000, 'W', '0'
                                                                           , '03', '03', '20170801', 62000, 'W', '1'.
                               INSERT INTO TB_EMP VALUES( 'CC001', 'Kim'
                                                                           , '04', '03', '20120625', 82000, 'M', '0',
                               INSERT INTO TB_EMP VALUES( 'CC002', 'Lee'
                                                                          , '02', '02', '20130628', 59000, 'M', '1',
                               INSERT INTO TB_EMP VALUES( 'DD001', 'Park'
                                                                                                                      'skyb]
                               INSERT INTO TB_EMP VALUES( 'DD002', 'Chun'
                                                                          , '03', '04', '20130502', 92000, 'W', '0',
                               CREATE TABLE TB_DEPT (DEPT_CD VARCHAR(20) NOT NULL, DEPT_NAME VARCHAR(50) NOT NULL);
                               INSERT INTO TB_DEPT VALUES( '01', 'Accounting Team');
                               INSERT INTO TB_DEPT VALUES( '02', 'HR Team');
                               INSERT INTO TB_DEPT VALUES( '03', 'Sales Team');
                               INSERT INTO TB DEPT VALUES( '04', 'Design Team');
                               INSERT INTO TB_DEPT VALUES( '05', 'Education Team');
                          42
                          43
                               CREATE TABLE TB POS (POS CD VARCHAR(20) NOT NULL, POS NAME VARCHAR(50) NOT NULL);
                               INSERT INTO TB_POS VALUES( '01', 'Chairman');
                               INSERT INTO TB_POS VALUES( '02', 'Division Manager');
                               INSERT INTO TB_POS VALUES( '03', 'Assistant Manager');
                               INSERT INTO TB_POS VALUES( '04', 'Officer');
                          48
                        × 필터: 정규 표현식
 35 SHOW PROCEDURE STATUS WHERE 'Db'='edupackdb';
    SHOW TRIGGERS FROM `edupackdb`;
```



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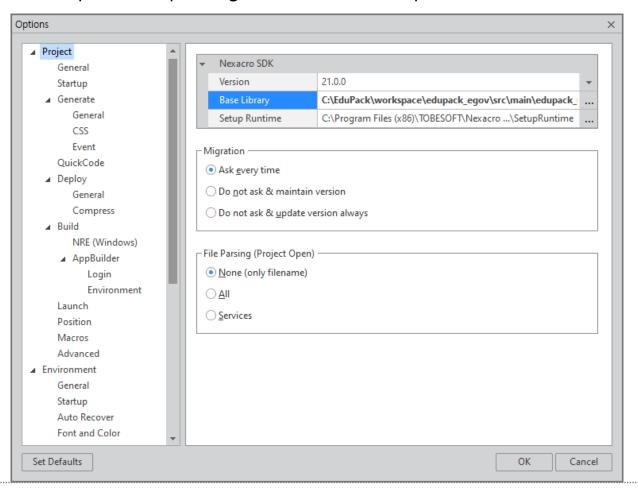
4. Project Open

4.1 Nexacro Studio를 이용하여 프로젝트 Open 한다.



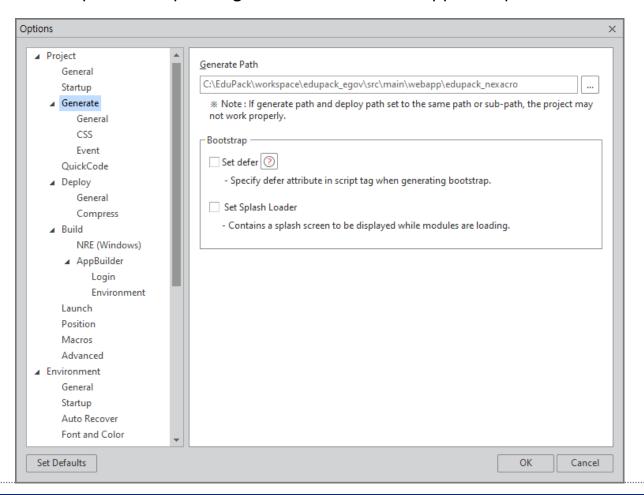
4.2 Option 설정 -> Base Library

✓ Tools->Options->Project의 Base Library를 EduPack Lib로 변경한다. C:₩EduPack₩workspace₩edupack_egov₩src₩main₩edupack_nexacro₩nexacrolib



4.3 Option 설정 -> Generate Path

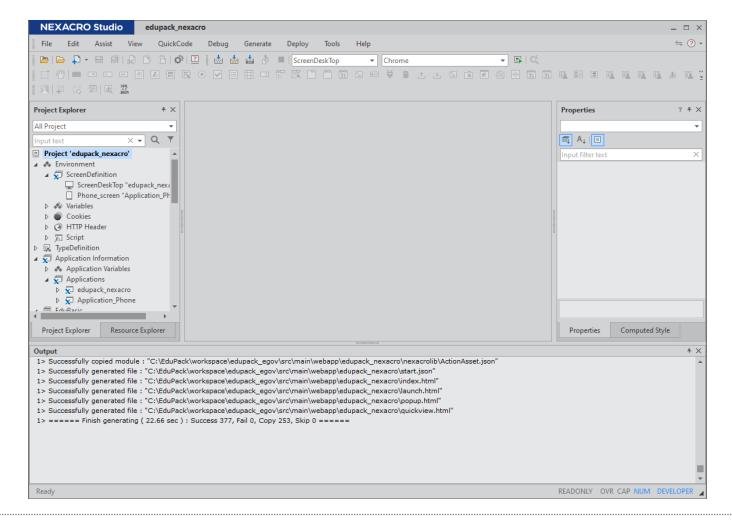
✓ Tools-〉Options-〉Project -〉Generate의 Generate Path를 변경한다.
 C:₩EduPack₩workspace₩edupack_egov₩src₩main₩webapp₩edupack_nexacro



EduPack 개발 표준 가이드

4.4 Generate

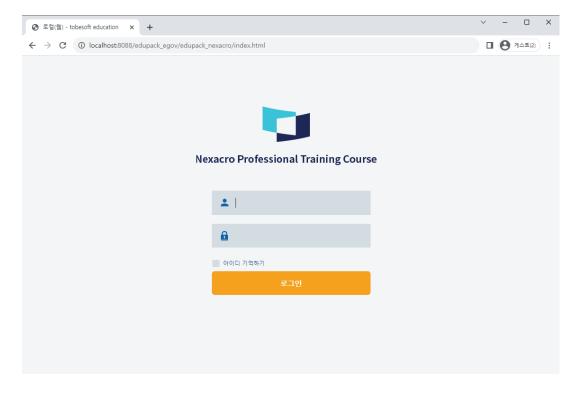
프로젝트 실행을 위한 Generate 과정을 진행한다.



EduPack 개발 표준 가이드

5. 실행

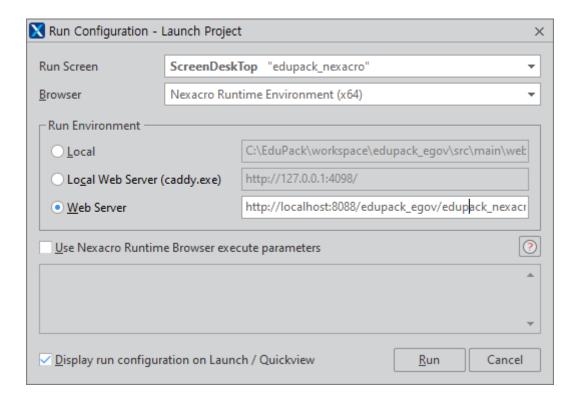
- 1 이클립스 실행 C:₩EduPack₩eclipse₩eclipse.exe
- 2. 서버 Start
- 3 프로젝트 동작 확인
 - 1) http://localhost:8088/edupack_egov/edupack_nexacro/index.html





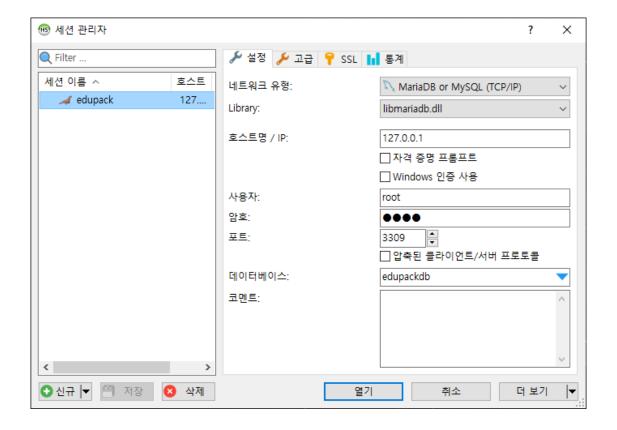
EduPack 개발 표준 가이드

2) Nexacro Studio 실행을 위한 Web Server 경로 설정 http://localhost:8088/edupack_egov/edupack_nexacro/



6. 설치 중 오류 발생시 해결방안

- 6.1 Maria DB 설치 중 Port 충돌
- √ 3306 > 3309



EduPack 개발 표준 가이드

✓ DB설정파일 수정:

C:₩EduPack₩workspace₩edupack_egov₩src₩main₩resources₩egovframework₩spring₩conte xt-datasource.xml

```
workspace - edupack egov/src/main/resources/egovframework/spring/context-datasource.xml - Eclipse IDE
                                                                                                                                   File Edit Source Navigate Search Project Run Window Help
E 12
№ → № → ♦ → №
Project Expl... 🖺 Package Ex... 🖂 🗀 🗖

    로컬(웹) - edupack_nexacro

                                                                            x context-datasource.xml ⋈
                                      110
  > # src/main/java
                                      12
                                             <bean id="dataSource" class="org.apache.commons.dbcp.BasicDataSource" destroy-method="close">
  cproperty name="driverClassName" value="net.sf.log4jdbc.DriverSpy"/>
    > 🗁 db
                                      14
                                                 property name="url"
                                                                              value="jdbc:log4jdbc:hsqldb:mem:sampledb"/>
    egovframework
                                      15
                                                 property name="username"
                                                                              value="sa"/>
                                      16
                                             </bean>
      > > message

→ B spring

          x context-aspect.xml
                                             <bean id="dataSource" class="org.apache.commons.dbcp.BasicDataSource" destroy-method="close">
          x context-common.xml
                                      20
                                                 21
                                                 cproperty name="url" value="jdbc:mysql://localhost:3309/edupackdb" />
          x context-datasource.xml
                                      22
                                                 property name="username" value="root"/>
          x context-idgen.xml
                                      23
                                                 property name="password" value="root"/>
          x context-initialize.xml
          x context-mapper.xml
                                      25
          x context-nexacro.xml
                                      26
                                             <!-- Maria DB
          x context-properties.xml
                                             <bean id="dataSource" class="org.apache.commons.dbcp.BasicDataSource" destroy-method="close">
          x context-sqlMap.xml
                                                 cproperty name="driverClassName" value="org.mariadb.jdbc.Driver"/>
          x context-transaction.xml
                                                 cproperty name="url" value="jdbc:mysql://localhost:3306/edupackdb" />
          x context-validator.xml
                                                 cproperty name="username" value="root"/>
      > 🍃 sqlmap
                                      32
                                                 cproperty name="password" value="root"/>
                                      33
                                             </bean>
      error_en.properties
                                      34
      error_ko.properties
                                      35
      error_zh.properties
                                      36⊖
                                             <!-- oracle
      logback.xml
      NexacroN_client_license.xml
                                      E Design Source
```