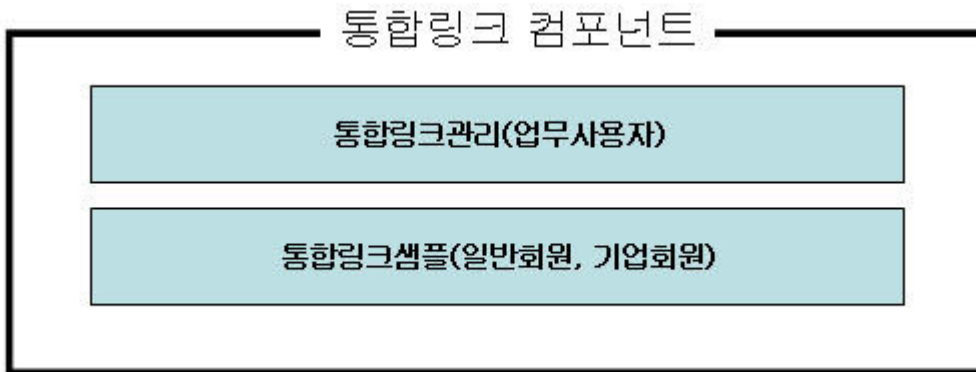


## Integrated link management

### Summary

Provides the integrated link function for link site.

- Component Structure



- Function Flow

기능 명	기능 흐름
업무사용자 관리	<pre> graph LR     A[관리자 로그인] --&gt; B[통합링크관리 목록]     B --&gt; C[통합링크관리 등록]     C --&gt; D[통합링크관리 상세조회]     D --&gt; E[통합링크관리 수정]                     </pre>
일반회원 관리	<pre> graph LR     A[사용자 로그인] --&gt; B[통합링크샘플]                     </pre>
기업회원 관리	

### Description

### Package Dependency

Integrated link management package has direct functional dependency to the common package (cmm) of element technology only. However, it forms the deployment file together with format/date/calculation, web editor according to reference relation between packages so as to be executed without error during component deployment.

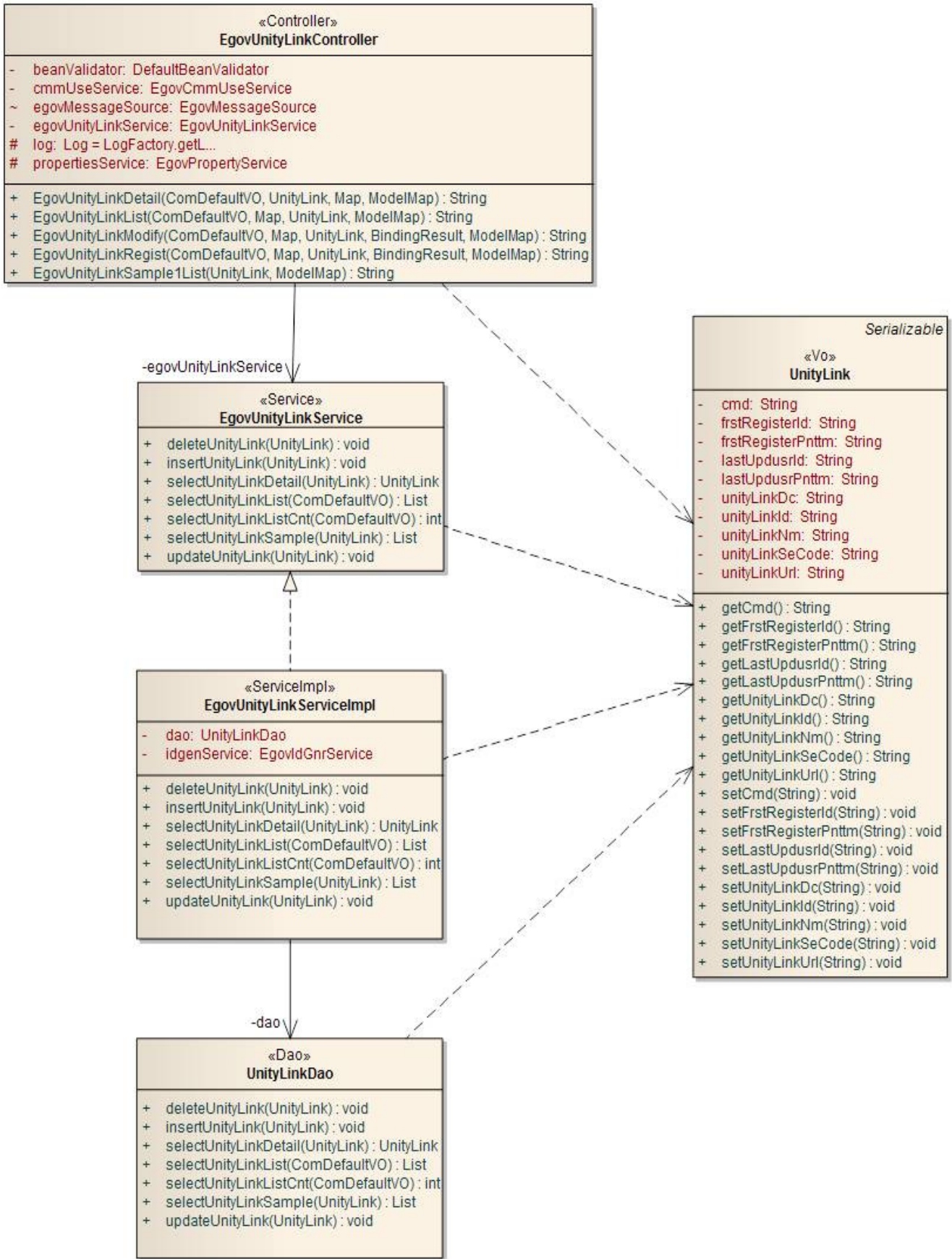
- Package Dependency: [User Support Package Dependency](#)

### Related Source

Type	Source	Remarks
Controller	egovframework.com.uss.ion.ulm.web.EgovUnityLinkController.java	Integrated link management controller class
Service	egovframework.com.uss.ion.ulm.service.EgovUnityLinkService.java	Integrated link management service class
ServiceIm	egovframework.com.uss.ion.ulm.service.impl.EgovUnityLinkServiceImpl.	Integrated link

pl	java	management ServiceImpl Class
Model	egovframework.com.uss.ion.ulm.service.UnityLink.java	Integrated link management Model Class
VO	egovframework.com.cmm.ComDefaultVO.java	Search VO Class
DAO	egovframework.com.uss.ion.ulm.service.impl.UnityLinkDao.java	Integrated link management Dao Class
JSP	/WEB-INF/jsp/egovframework/com/uss/ion/ulm/EgovUnityLinkList.jsp	Integrated link management list inquiry page
JSP	/WEB-INF/jsp/egovframework/com/uss/ion/ulm/EgovUnityLinkRegist.jsp	Integrated link management registration page
JSP	/WEB-INF/jsp/egovframework/com/uss/ion/ulm/EgovUnityLinkModify.jsp	Integrated link management update page
JSP	/WEB-INF/jsp/egovframework/com/uss/ion/ulm/EgovUnityLinkDetail.jsp	Integrated link management detail inquiry page
JSP	/WEB-INF/jsp/egovframework/com/uss/ion/uln/UnityLinkSample.jsp	Integrated link sample
QUERY XML	resources/egovframework/sqlmap/com/uss/ion/ulm/EgovUnityLink_SQL _Mysql.xml	Integrated link management MySQL based QUERY XML
QUERY XML	resources/egovframework/sqlmap/com/uss/ion/ulm/EgovUnityLink_SQL _Oracle.xml	Integrated link management Oracle based QUERY XML
QUERY XML	resources/egovframework/sqlmap/com/uss/ion/ulm/EgovUnityLink_SQL _Tibero.xml	Integrated link management Tibero based QUERY XML
QUERY XML	resources/egovframework/sqlmap/com/uss/ion/ulm/EgovUnityLink_SQL _Altibase.xml	Integrated link management Altibase based QUERY XML
Validator Rule XML	resources/egovframework/validator/validator-rules.xml	XML defining Validator Rule
Validator XML	resources/egovframework/validator/com/uss/ion/ulm/EgovUnityLink.xml	Integrated link management Validator XML
Message properties	resources/egovframework/message/com/message- common_ko_KR.properties	Integrated link management Message properties
Idgen XML	resources/egovframework/spring/context-idgen.xml	Integrated link management Id generation Idgen XML

## Class Diagram



## ID Generation

## ID Generation Related DDL and DML

- To utilize ID Generation Service, **UNITY\_LINK\_ID** is added to the Sequence storage table, COMTECOPSEQ.

```
CREATE TABLE COMTECOPSEQ ( table_name varchar(16) NOT NULL,
                           next_id DECIMAL(30) NOT NULL,
                           PRIMARY KEY (table_name));
```

```
INSERT INTO COMTECOPSEQ VALUES('UNITY_LINK_ID','0');
```

### ID Generation Configuration(context-idgen.xml)

```
<bean name="egovUnityLinkIdGnrService"
      class="egovframework.rte.fdl.idgnr.impl.EgovTableIdGnrService"
      destroy-method="destroy">
  <property name="dataSource" ref="egov.dataSource" />
  <property name="strategy" ref="unityLinkIdMsgstrategy" />
  <property name="blockSize" value="1"/>
  <property name="table" value="COMTECOPSEQ"/>
  <property name="tableName" value="UNITY_LINK_ID"/>
</bean>
<bean name="unityLinkIdMsgstrategy"
      class="egovframework.rte.fdl.idgnr.impl.strategy.EgovIdGnrStrategyImpl">
  <property name="prefix" value="ULINK_" />
  <property name="cipers" value="14" />
  <property name="fillChar" value="0" />
</bean>
```

### Related Table

Table Name	Table Name(English)	Remarks
Integrated link management	COMTNUityLinkMANAGE	Manage recent search words.
Recent search word result	COMTNUityLink	Manage recent word results.

### Related Codes

Code Classification	Code Classification Name	Code ID	Code Name
COM039	Integrated link group	001	Society
COM039	Integrated link group	002	Politics
COM039	Integrated link group	003	Economy
COM039	Integrated link group	004	Culture
COM039	Integrated link group	005	Humanities
COM039	Integrated link group	006	Engineering
COM039	Integrated link group	007	Others

### Related Function

Integrated link management function is composed of **Integrated link management list inquiry**, **Integrated link management detail inquiry**, **Integrated link management content registration**, **Integrated link management contents update** and **Integrated link management sample** function.

### Integrated link management list inquiry

### Business Rule

The administrator can view the Integrated link management information already registered in the form of list. Click the Register button to move to the Register screen.

**Related Code**

N/A

**Screen and execution manual**

Action	URL	Controller method	QueryID
List inquiry	/uss/ion/ulm/listUnityLink.do	egovUnityLinkList	"UnityLink.selectUnityLink"
			"UnityLink.selectUnityLinkCnt"

통합링크관리 목록 --선택하세요--

순번	그룹	통합링크명	통합링크URL	등록자	등록일자
1	정치	다음	http://daum.net	TEST7	2009-10-13
2	기타	피카사	http://picasa.google.com	TEST3	2009-09-29
3	문화	네이트	http://nate.com	TEST1	2009-08-20
4	사회	네이버	http://naver.com	TEST1	2009-08-20

1

Register: to register, move to **Integrated Link Management Registration** screen through the Register button on the top.

List Recent Search Word Name: move to **Integrated Link Management Detail Inquiry** screen.

**Integrated link management Detail Inquiry**

**Business Rule**

You'll move to this screen if clicking the list from Integrated link management list. It shows details on Integrated link management.

**Related Code**

N/A

**Screen and execution manual**

Action	URL	Controller method	QueryID
Detail Inquiry	/uss/ion/ulm/detailUnityLink.do	egovUnityLinkDetail	"UnityLink.selectUnityLinkDetail"
Delete	/uss/ion/ulm/detailUnityLink.do	egovUnityLinkDetail	"UnityLink.deleteUnityLink"

통합링크관리 상세보기

통합링크명 * SBS
통합링크그룹 * 문화
통합링크URL * http://www.sbs.co.kr
통합링크설명 * http://www.sbs.co.kr SBS 방송사

Delete: click Delete button to show the message confirming deletion and to perform deletion.  
 List: move to **Integrated Link Management List** screen.  
 Update: click Update button to move to **Integrated Link Management Update** screen.

**Integrated link management Contents Registration**

**Business Rule**

Red \* mark in the right of the input name indicates the item that should be entered.

Red \* mark in the right of the input name indicates the item that should be entered.

In the process of saving, UNITY\_LINK\_ID column is automatically created and granted through "egovframework.rte.fdl.idgnr.impl.EgovTableIdGnrService"

In the form of Primary Key => ULINK\_(20 digits): ULINK\_(6 digits) + serial number (14 digits).

```
<!-- IdGnrService... START-->
<bean name="egovUnityLinkIdGnrService"
      class="egovframework.rte.fdl.idgnr.impl.EgovTableIdGnrService"
      destroy-method="destroy">
  <property name="dataSource" ref="dataSource" />
  <property name="strategy" ref="unityLinkIdMsgstrategy" />
  <property name="blockSize" value="1"/>
  <property name="table" value="COMTECOPSEQ"/>
  <property name="tableName" value="UNITY_LINK_ID"/>
</bean>
<bean name="unityLinkIdMsgstrategy"
      class="egovframework.rte.fdl.idgnr.impl.strategy.EgovIdGnrStrategyImpl">
  <property name="prefix" value="ULINK_" />
  <property name="cipers" value="14" />
  <property name="fillChar" value="0" />
</bean>
<!-- IdGnrService... END-->
```

**Related Code**

N/A

**Screen and execution manual**

Action	URL	Controller method	QueryID
List	/uss/ion/ulm/listUnityLink.do	EgovUnityLinkList	"UnityLink.selectUnityLink",
			"UnityLink.selectUnityLinkCnt"
Save	/uss/ion/ulm/registUnityLink.do	EgovUnityLinkRegist	"UnityLink.insertUnityLink"

Enter and save basic information on integrated link management.

통합링크관리 등록

통합링크명 *	SBS
통합링크그룹 *	문화
통합링크URL *	http://www.sbs.co.kr
통합링크설명 *	<div style="border: 1px solid gray; padding: 5px;"> <p>Times New Roman 3 (12 pt) - format - B I U S x<sub>2</sub> x<sup>2</sup> [Icons]</p> <p><a href="http://www.sbs.co.kr">http://www.sbs.co.kr</a> SBS 방송사</p> </div>

List: move to **Integrated Link Management List** screen.  
 Save: entered integrated link management information is saved.

**Integrated link management Contents Update**

**Business Rule**

Save Integrated link management information entered. Red \* mark in the right of the input name indicates the item that should be entered during update.

**Related Code**

N/A

**Screen and execution manual**

Action	URL	Controller method	QueryID
Update	/uss/ion/ulm/updtUnityLink.do	egovUnityLinkModify	"UnityLink.updateUnityLink"

## 통합링크관리 수정

통합링크명 *	SBS
통합링크그룹 *	문화
통합링크URL *	http://www.sbs.co.kr
통합링크설명 *	<div style="border: 1px solid gray; padding: 5px;"><p>Times New Roman 3 (12 pt) — format — <b>B</b> <i>I</i> <u>U</u> <del>S</del>   x<sub>2</sub> x<sup>2</sup>   [copy] [cut] [paste] [undo] [redo] [erase] [undo] [redo]</p><p>[bulleted list] [numbered list] [link] [unlink]   T [color] [background color]   [table] [code] [link] [help] [info]</p><p><a href="http://www.sbs.co.kr">http://www.sbs.co.kr</a> SBS 방송사</p></div>

Update: updated information is saved.

Save: move to **Integrated Link Management List** screen.

### Integrated link management Sample

#### Business Rule

Can be moved by selecting the integrated link site name.

#### Related Code

N/A

#### Screen and execution manual



Move: move to the selected site.

#### Reference

- See Implementation Environment: [ID Generation Service](#)