

## Address Book Management

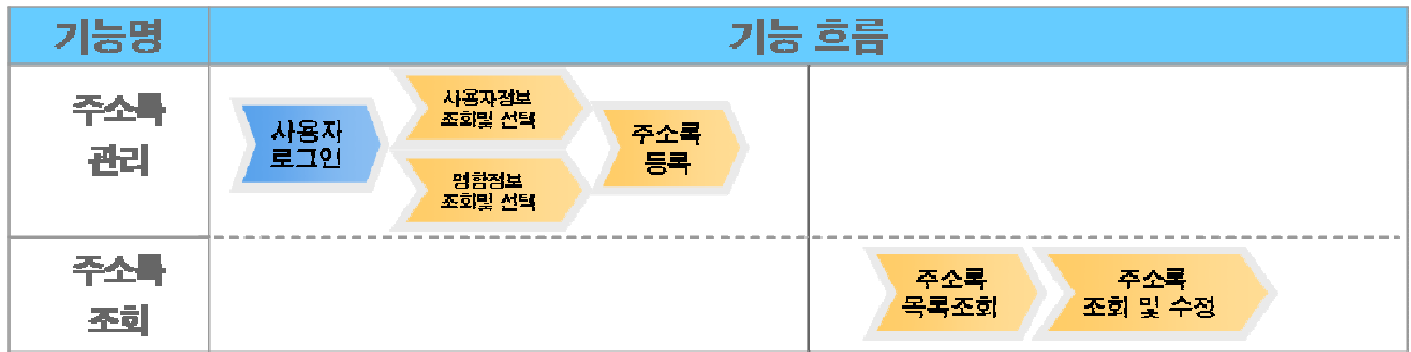
### Summary

The service provides address book feature that lets you search for users and business cards and add them to the address book, as well as sharing the address book with the team or throughout the company for others to use it.

The address book can be registered directly or search registered address books opened by others. When it is registered by the user, it is shared by department or companies to be utilized.

- Function Flow

#### ■ 기능 흐름도



### Description

The service includes the **Add Contacts**, **Search Contacts**, and **Update Contacts** features.

### Package Dependency

The package has direct functional references to the element technology's common (cmm) package. However, in order to reduce errors in component distribution, the distribution file should be composed with format / date / calculation package according to package dependency.

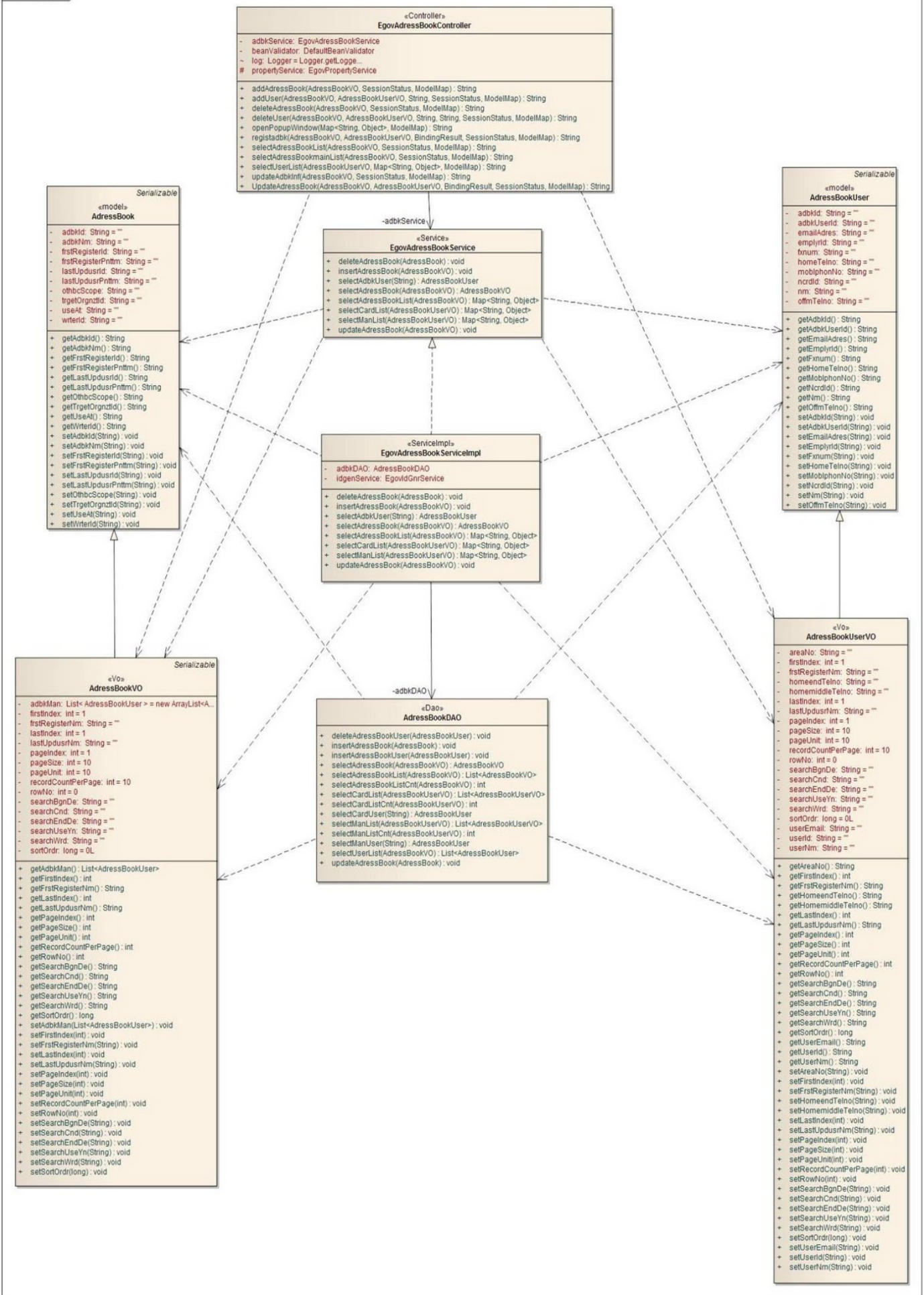
- Package dependency : [Collaboration-schedule, SMS, Address Book and other Package Dependency](#)

### Related Source

Type	Target Source Code	Note
Controller	egovframework.com.cop.adb.web.EgovAdressBookController.java	ABM(Address Book Management) Controller Class
Service	egovframework.com.cop.adb.service.EgovAdressBookService.java	ABM Service Interface
ServiceImpl	egovframework.com.cop.adb.service.impl.EgovAdressBookServiceImpl.java	ABM Service Implementation Class
Model	egovframework.com.cop.adb.service.AdressBook.java	ABM Model Class
Model	egovframework.com.cop.adb.service.AdressBookUser.java	Address Book Member Model Class
VO	egovframework.com.cop.adb.service.AdressBookVO.java	ABM VO Class
VO	egovframework.com.cop.adb.service.AdressBookUserVO.java	Address Book Member VO Class
DAO	egovframework.com.cop.adb.service.impl.AdressBookDAO.java	ABM Data Handling Class
JSP	/WEB-INF/jsp/egovframework/com/cop/adb/EgovAdressBookRegist.jsp.jsp	Address Book Card Register jsp page

JSP	/WEB-INF/jsp/egovframework/com/cop/adb/EgovAdressBookUpdt.jsp.jsp	Address Book Card Update jsp page
JSP	/WEB-INF/jsp/egovframework/com/cop/adb/EgovAdressBookList.jsp.jsp	Address Book List jsp page
JSP	/WEB-INF/jsp/egovframework/com/cop/adb/EgovMyAdressBookPopup.jsp	Address Book Member Popup jsp page
JSP	/WEB-INF/jsp/egovframework/com/cop/adb/EgovAdressBookMainList.jsp	My page configuration jsp page
Query XML	resources/egovframework/sqlmap/com/cop/adb/EgovNcrd_SQL_Mysql.xml	ABM Query for MySQL
Query XML	resources/egovframework/sqlmap/com/cop/adb/EgovNcrd_SQL_Oracle.xml	ABM Query for Oracle
Query XML	resources/egovframework/sqlmap/com/cop/adb/EgovNcrd_SQL_Tibero.xml	ABM Query for Tibero
Query XML	resources/egovframework/sqlmap/com/cop/adb/EgovNcrd_SQL_Altibase.xml	ABM Query for Altibase
Validator Rule XML	resources/egovframework/validator/validator-rules.xml	XML defining Validator Rul
Validator XML	resources/egovframework/validator/com/cop/adb/EgovNcrdRegist.xml	ABM Validator XML
Idgen XML	resources/egovframework/spring/context-idgen.xml	ABM Id generation Idgen XML

## Class Diagram



## DDL and DML regarding ID Generation

- Add **ADBK\_ID, ADBKUSER\_ID** to COMTECOPSEQ, sequence save table, to use ID Generation Service.

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

```
INSERT INTO COMTECOPSEQ VALUES('ADBK_ID','0');  
INSERT INTO COMTECOPSEQ VALUES('ADBKUSER_ID','0');
```

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

```
<bean name="egovAdbkIdGnrService"  
      class="egovframework.rte.fdl.idgnr.impl.EgovTableIdGnrService"  
      destroy-method="destroy">  
  <property name="dataSource" ref="egov.dataSource" />  
  <property name="strategy" ref="adbkIdStrategy" />  
  <property name="blockSize" value="1"/>  
  <property name="table" value="COMTECOPSEQ"/>  
  <property name="tableName" value="ADBK_ID"/>  
</bean>  
<bean name="adbkIdStrategy"  
      class="egovframework.rte.fdl.idgnr.impl.strategy.EgovIdGnrStrategyImpl">  
  <property name="prefix" value="ADBK_" />  
  <property name="cipers" value="15" />  
  <property name="fillChar" value="0" />  
</bean>  
  
<bean name="egovAdbkUserIdGnrService"  
      class="egovframework.rte.fdl.idgnr.impl.EgovTableIdGnrService"  
      destroy-method="destroy">  
  <property name="dataSource" ref="egov.dataSource" />  
  <property name="strategy" ref="adbkUserIdStrategy" />  
  <property name="blockSize" value="1"/>  
  <property name="table" value="COMTECOPSEQ"/>  
  <property name="tableName" value="ADBKUSER_ID"/>  
</bean>  
<bean name="adbkUserIdStrategy"  
      class="egovframework.rte.fdl.idgnr.impl.strategy.EgovIdGnrStrategyImpl">  
  <property name="prefix" value="ADBKUSER_" />  
  <property name="cipers" value="11" />  
  <property name="fillChar" value="0" />  
</bean>
```

## Related Table

Table Name	Table Name (English)	Remarks
Address book information properties	COMTNADBK	Manage property information of the address book.
Address book member property	COMTNADBKUSER	Manage usage information of the address book.

## Related Features

Address Book Management provides following features: **Address Book List, Address Book Register, Address Book Update, and Address Book Member Popup.**

### Address Book List

#### Business Rules

Click delete button in the list to remove Address Book item. When the user that registered the address book and current user are the same, delete button is created.

#### Related Code

N/A

### Screen and execution manual

Action	URL	Controller method	QueryID
display List	/cop/adb/selectAdbkList.do	selectAdressBookList	"AdressBookDAO.selectAdressBookList"

The list of address book is searched by 10 cases and the paging by 10 pages. The search options are implemented on the name of address book, scope of opening and registrar's name. In case of changing the search scope per page, change pageUnit, pageSize in the context-properties.xml file. (However, the setup influences the overall common service function.)

나의 주소록목록

순번	주소록명	공개범위	등록자명	등록일자	삭제
1	야호	개인	TEST1	2009-10-12	<input type="button" value="삭제"/>
2	완전좋아	부서	TEST1	2009-10-12	<input type="button" value="삭제"/>
3	우리회사	회사	TEST2	2009-10-09	
4	힘들다.	부서	TEST1	2009-10-09	<input type="button" value="삭제"/>

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Search: to search, choose search options on the top, type in the text and click on the search button.

Register: to register, move to **Address Book Register** screen through the register button on the top.

### Address Book Register

#### Business Rules

Register Address Book with name, sharing options, and members. Once registered, **Address Book List** page will appear.

When the data is open to department, the content is open to members in the department, when the data is open to company, the content is open to members of the company.

#### Related Code

N/A

### Screen and execution manual

Action	URL	Controller method	QueryID
Register page	/cop/adb/addAdbkInf.do	addAdressBook	
Register	/cop/adb/RegistAdbkInf.do	registadbk	"AdressBookDAO.insertAdressBook"

주소록등록

주소록명 *	<input type="text"/>
공개범위 *	개인 : <input checked="" type="radio"/> 부서 : <input type="radio"/> 회사 : <input type="radio"/>
구성원	<input type="text"/> <input type="button" value="검색"/>

아이디	이름	메일	집전화번호	휴대폰번호	회사번호	팩스번호	삭제

List: move to **Address Book List** screen.  
 Register: stores input address book data.

## Address Book Update

### Business Rules

Click update button to apply updated information on the Address Book. Once updated, **Address Book List** page will appear.

### Related Code

N/A

### Screen and execution manual

Action	URL	Controller method	QueryID
Update	/cop/adb/UpdateAdressBook.do	updateAdressBook	"AdressBookDAO.updateAdressBook"

주소록수정

주소록명 \* 완전종아

공개범위 \* 개인 :  부서 :  회사 :

구성원

아이디	이름	메일	집전화번호	휴대폰번호	회사번호	팩스번호	삭제
EMPLYR_ID	업무자	EMAIL_ADRES	AREA_HOMEI	MOBLPHON_N	OFFM_TELNO	FXNUM	<input type="button" value="삭제"/>
hondzerg	홍진호	ssew32@sssdcs.com	02-3453-3323	010-3303-2345		032-234-23	<input type="button" value="삭제"/>
TEST8	TEST8	Perf@test.com					<input type="button" value="삭제"/>
NCRD_0000C	조재영						<input type="button" value="삭제"/>

Update: stores updated data

List: move to **Address Book List** screen

## Address Book Member Popup

### Business Rules

You can add existing users or name cards registered from **Address Book Register** or **Address Book Update** to your Address Book Members.

You can search the list on the business by selecting the user name with the business card name on the combo box.

### Related Code

N/A

### Screen and execution manual

Action	URL	Controller method	QueryID
User List Popup	/cop/adb/selectManList.do	selectUserList	"AdressBookDAO.selectManList"
Name Card List Popup	/cop/adb/selectManList.do	selectUserList	"AdressBookDAO.selectCardList"

번호	사용자아이디	사용자명	이메일	집전화번호	휴대폰번호	회사번호	팩스번호	선택
1	entr	entr	meekeyes@paran.com					선택
2	TEST1	TEST1	egov@mopas.go.kr	031-333-2222				선택
3	TEST10	TEST10	Perf@test.com					선택
4	TEST2	TEST2	a3@aa.aa					선택
5	TEST3	TEST3	wd2@asd.aaa					선택
6	TEST4	TEST4	ss@ss.ss					선택
7	TEST5	TEST5	egov@mopas.go.kr					선택
8	TEST6	TEST6	x21@xx.xx					선택
9	TEST7	TEST7	awer@q111.dd					선택
10	TEST8	TEST8	Perf@test.com		010-1111-1111			선택