

System Management - Network management

Overview

Network management provides a function to manage network information such as IP addresses for server resource and users.

Description

- **Network management** provides functions of registering, modifying, deleting, inquiring and inquiring lists of network information.

① Network list inquiry: inquire information defined as batch task in the order of registration time and display the results on the screen.

② Network registration: register batch task information and inquire the results.

③ Network modification: modify registered batch task information.

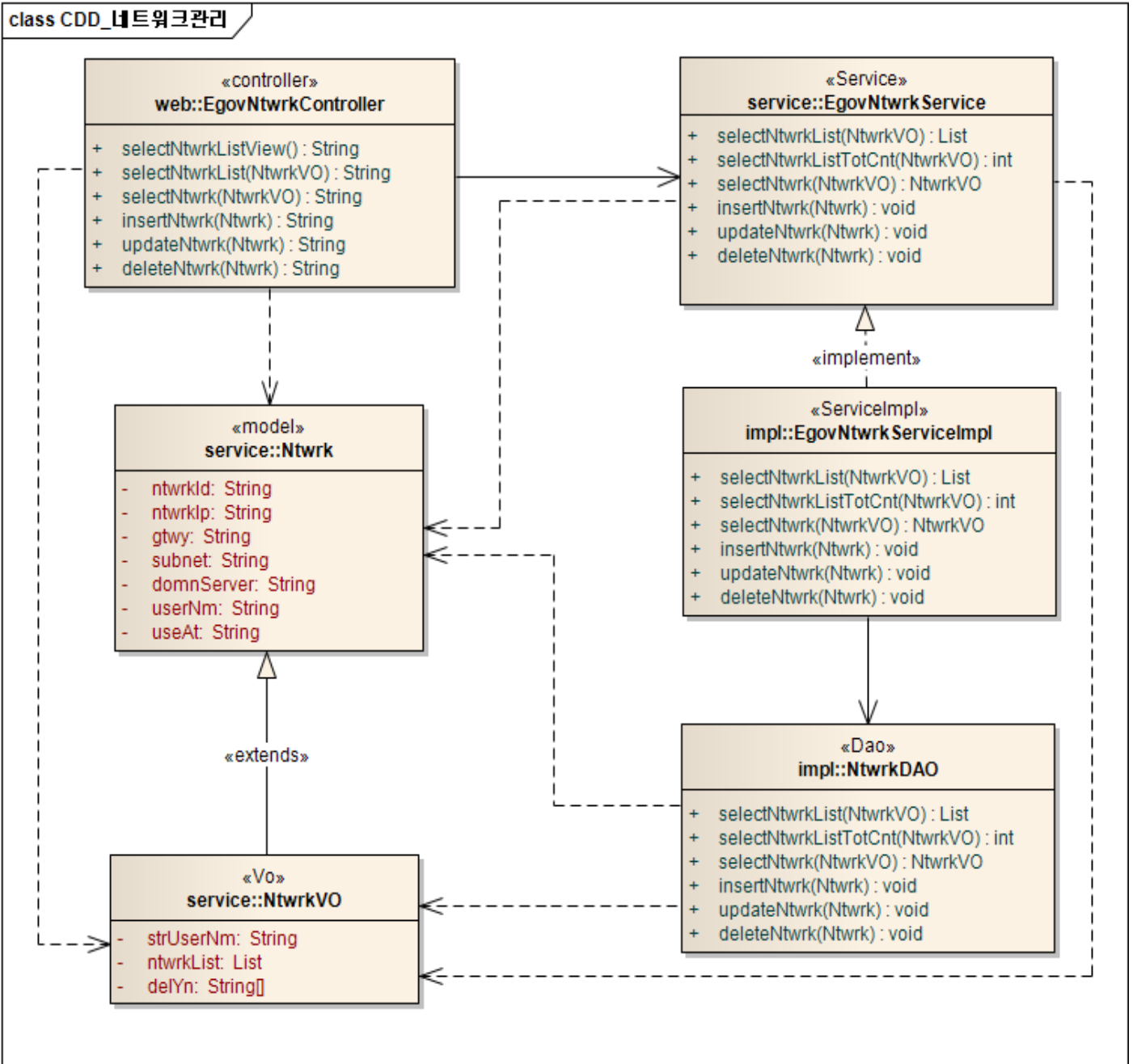
④ Network deletion: delete registered batch task information.

⑤ Network detail inquiry: inquire registered batch task information.

Related sources

Type	Target source names	Notes
Controller	egovframework.com.sym.sym.nwk.web.EgovNtwrkController.java	Controller class for network management
Service	egovframework.com.sym.sym.nwk.service.EgovNtwrkService.java	Service interface for network management
ServiceImpl	egovframework.com.sym.sym.nwk.service.impl.EgovNtwrkServiceImpl.java	Service implement class for network management
DAO	egovframework.com.sym.sym.nwk.service.impl.NtwrkDAO.java	Data processing class for network management
Model	egovframework.com.sym.sym.nwk.service.Ntwrk.java	Model class for network management
VO	egovframework.com.sym.sym.nwk.service.NtwrkVO.java	VO class for network management
JSP	/WEB-INF/jsp/egovframework/sym/sym/nwk/EgovNtwrkList.jsp	jsp page for network list inquiry
JSP	/WEB-INF/jsp/egovframework/sym/sym/nwk/EgovNtwrkRegist.jsp	jsp page for network registration
JSP	/WEB-INF/jsp/egovframework/sym/sym/nwk/EgovNtwrkUpdt.jsp	jsp page for network modification
JSP	/WEB-INF/jsp/egovframework/sym/sym/nwk/EgovNtwrkDetail.jsp	jsp page for registered network inquiry
XML	/egovframework/sqlmap/com/sym/sym/nwk/EgovNtwrk_SQL_*.xml	Network management QUERY XML

Class Diagram



Related Tables

Table name	Table name (English)	Notes
Network information	COMTNNTWRKINFO	Manage network information such as IP addresses allocated to server resource and users.

ID Generation

- In order to use ID Generation Service, add **NTWRK_ID** to COMTECOPSEQ, the sequence storing table

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

Related Screen and Execution Manual

Network list inquiry

Action	URL	Controller method	QueryID
Inquire	/sym/sym/nwk/selectNtwrkList.do	selectNtwrkList	"ntwrkDAO.selectNtwrkList"
			"ntwrkDAO.selectNtwrkListTotCnt"

10 network lists are retrieved per page and paging is carried out every 10 page. The search conditions are management item and user name.

 **네트워크 관리**
 관리항목 :
 사용자 명 :

네트워크ID	IP	관리항목	사용자	사용여부	등록일자
NID_00000000000000041	192.168.100.10	PC	박용수	Y	2010-09-30
NID_00000000000000038	192.168.100.9	서버	파일서버	Y	2010-09-28
NID_00000000000000037	192.168.100.8	PC	김철수	Y	2010-09-28
NID_00000000000000036	192.168.100.7	프린터	도트프린터	Y	2010-09-28
NID_00000000000000032	192.168.100.6	서버	테스트 서버	Y	2010-09-30
NID_00000000000000029	192.168.100.5	프린터	레이저프린터	Y	2010-09-03
NID_00000000000000021	192.168.100.4	스위치	스위칭 허브	Y	2010-09-02
NID_00000000000000020	192.168.100.3	서버	메일서버	Y	2010-09-01
NID_00000000000000019	192.168.100.2	프린터	레이저프린터	Y	2010-08-25
NID_00000000000000018	192.168.100.1	PC	홍길동	Y	2010-09-29

Inquire: inquire registered network list.

Register: to apply a new network, press Register button in the top to move to the **network registration** screen.


Inquire in detail: to inquire network detail information, select **network ID** to move to **network detail inquiry** screen.

Network registration

Action	URL	Controller method	QueryID
Register	/sym/sym/nwk/addNtwrk.do	insertNtwrk	"ntwrkDAO.insertNtwrk"

Enter and register the property information of network.

③ 네트워크 등록

네트워크ID *	<input type="text"/>
IP *	<input type="text"/>
게이트웨이 *	<input type="text"/>
서브넷 *	<input type="text"/>
DNS *	<input type="text"/>
관리항목 *	서버 ▾
사용자명 *	<input type="text"/>
사용여부 *	Y ▾
등록일자 *	<input type="text"/> 

저장 목록

Save: to register a network, enter the network property and press **Save button** in the top to register network.
The network ID is allocated automatically.


Inquire: move to network detail inquiry screen.

Network modification

Action	URL	Controller method	QueryID
Modify	/sym/sym/nwk/updtNtwrk.do	updateNtwrk	"ntwrkDAO.updateNtwrk"

Modify and save network property information.

네트워크 수정

네트워크ID *	<input type="text" value="NID_000000000000000038"/>
IP *	<input type="text" value="192.168.100.9"/>
게이트웨이 *	<input type="text" value="192.168.1.1"/>
서브넷 *	<input type="text" value="255.255.0.0"/>
DNS *	<input type="text" value="192.168.1.5"/>
관리항목 *	<input type="text" value="서버"/>
사용자명 *	<input type="text" value="파일서버"/>
사용여부 *	<input type="text" value="Y"/>
등록일자 *	<input type="text" value="2010-09-28"/> 

Save: modify registered network property and press **Save button** in the top to modify network.
 Inquire: network detail inquiry screen.

Network detail inquiry

Action	URL	Controller method	QueryID
Inquire in detail	/sym/sym/nwk/getNtwrk.do	selectNtwrk	"ntwrkDAO.selectNtwrk"
Delete	/sym/sym/nwk/removeNtwrk.do	deleteNtwrk	"ntwrkDAO.deleteNtwrk"

Inquire property information of network.

네트워크 상세조회

네트워크ID *	NID_000000000000000038
IP *	192.168.100.9
게이트웨이 *	192.168.1.1
서브넷 *	255.255.0.0
DNS *	192.168.1.5
관리항목 *	서버
사용자명 *	파일서버
사용여부 *	Y
등록일자 *	2010-09-28

[수정](#) [삭제](#) [목록](#)

Modify: modify registered network property and press **Save button** in the top to move to network modification screen.

Delete: delete registered network.

List: move to network list inquiry screen.
