System Management - Server information management

Overview

Server equipment management provides a function to manage the server information such as web server, WAS server, DB server, etc.

Description

- **Server information management** provides functions of registering, modifying, deleting, inquiring and inquiring lists of server information and server equipment information.

① Server equipment list inquiry: inquire information defined as server equipment in the order of registration time and display the results on the screen.
② Server equipment registration: register server equipment information and inquire the results.
③ Server equipment modification: modify registered server equipment information.
④ Server equipment deletion: delete registered server equipment information.
⑤ Server equipment detail inquiry: inquire registered server equipment information.
⑥ Server information list inquiry: inquire information defined as server in the order of registration time and display the results on the screen
⑦ Server information registration: register server information and inquire the results.
⑧ Server information modification: modify registered server information.
⑨ Server information deletion: delete registered server information.
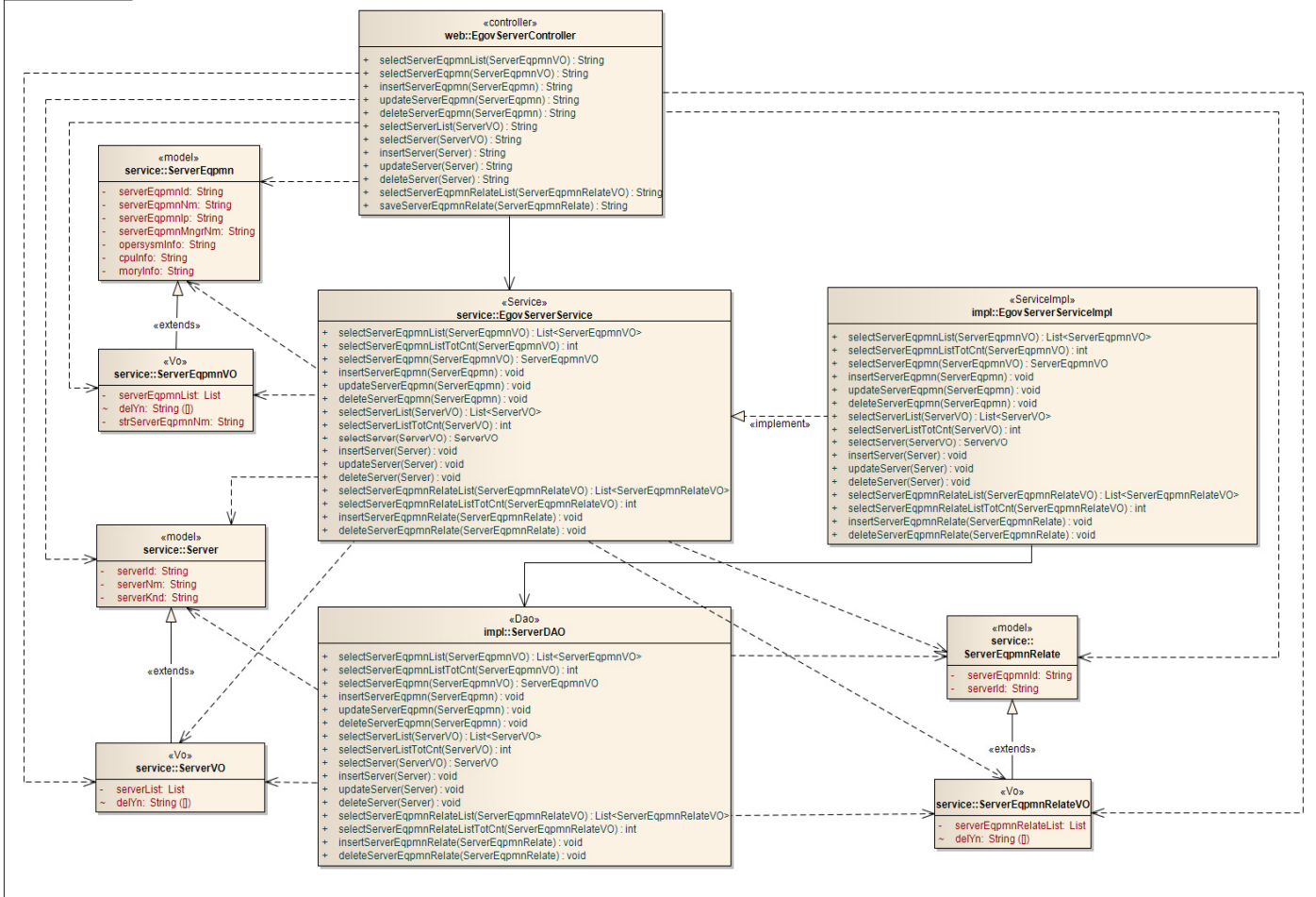⑩ Server information detail inquiry: inquire registered server information.
⑪ Server equipment relation registration (deletion): register (delete) the equipment of the selected server.

Related sources

Type	Target source names	Notes
Controller	egovframework.com.sym.sym.srv.web.EgovServerController.java	Controller class for server information management
Service	egovframework.com.sym.sym.srv.service.EgovServerService.java	Service Interface for server information management
ServiceImpl	egovframework.com.sym.sym.srv.service.impl.EgovServerServiceImpl.java	Service implement class for server information management
DAO	egovframework.com.sym.sym.srv.service.impl.ServerDAO.java	Data processing class for server information management
Model	egovframework.com.sym.sym.srv.service.Server.java	Model class for server information management
Model	egovframework.com.sym.sym.srv.service.ServerEqpmn.java	Model class for server equipment management
Model	egovframework.com.sym.sym.srv.service.ServerEqpmnRelate.java	Model class for server equipment relation management
VO	egovframework.com.sym.sym.srv.service.ServerVO.java	VO class for server equipment management
VO	egovframework.com.sym.sym.srv.service.ServerEqpmnVO.java	VO class for server

		equipment management
VO	egovframework.com.sym.sym.srv.service.ServerEqpmnRelateVO.java	VO class for server equipment relation management
JSP	/ WEB- INF/jsp/egovframework/sym/sym/srv/EgovServerList.jsp	jsp page for server information list inquiry
JSP	/ WEB- INF/jsp/egovframework/sym/sym/srv/EgovServerRegist.jsp	jsp page for server information registration
JSP	/ WEB- INF/jsp/egovframework/sym/sym/srv/EgovServerUpdt.jsp	jsp page for server information modification
JSP	/ WEB- INF/jsp/egovframework/sym/sym/srv/EgovServerDetail.jsp	jsp page for registered server information inquiry
JSP	/ WEB- INF/jsp/egovframework/sym/sym/srv/EgovServerEqpmnList.jsp	jsp page for Server equipment information list inquiry
JSP	/ WEB- INF/jsp/egovframework/sym/sym/srv/EgovServerEqpmnRegist.jsp	jsp page for Server equipment information registration
JSP	/ WEB- INF/jsp/egovframework/sym/sym/srv/EgovServerEqpmnUpdt.jsp	jsp page for Server equipment information modification
JSP	/ WEB- INF/jsp/egovframework/sym/sym/srv/EgovServerEqpmnDetail.jsp	jsp page for registered Server equipment information inquiry
JSP	/ WEB- INF/jsp/egovframework/sym/sym/srv/EgovServerEqpmnRelateRegist.jsp	jsp page for registered Server equipment relation registration
XML	/ egovframework/sqlmap/com/sym/sym/srv/EgovServer_SQL_*.xml	Server information management QUERY XML

Class Diagram

class CDD_서비정보관리

«controller»
web::EgovServerController

+ selectServerEqpmnList(ServerEqpmnVO) : String
+ selectServerEqpmn(ServerEqpmnVO) : String
+ insertServerEqpmn(ServerEqpmn) : String
+ updateServerEqpmn(ServerEqpmn) : String
+ deleteServerEqpmn(ServerEqpmn) : String
+ selectServerList(ServerVO) : String
+ selectServer(ServerVO) : String
+ insertServer(Server) : String
+ updateServer(Server) : String
+ deleteServer(Server) : String
+ selectServerEqpmnRelateList(ServerEqpmnRelateVO) : String
+ saveServerEqpmnRelate(ServerEqpmnRelate) : String

«model»
service::ServerEqpmn

- serverEqpmnId: String
- serverEqpmnNm: String
- serverEqpmnIp: String
- serverEqpmnMngrNm: String
- opersysmInfo: String
- cpuInfo: String
- moryInfo: String

«VO»
service::ServerEqpmnVO

- serverEqpmnList: List
~ delYn: String ([])
- strServerEqpmnNm: String

«extends»

«Service»
service::EgovServerService

+ selectServerEqpmnList(ServerEqpmnVO) : List<ServerEqpmnVO>
+ selectServerEqpmnListTotCnt(ServerEqpmnVO) : int
+ selectServerEqpmn(ServerEqpmnVO) : ServerEqpmnVO
+ insertServerEqpmn(ServerEqpmn) : void
+ updateServerEqpmn(ServerEqpmn) : void
+ deleteServerEqpmn(ServerEqpmn) : void
+ selectServerList(ServerVO) : List<ServerVO>
+ selectServerListTotCnt(ServerVO) : int
+ selectServer(ServerVO) : ServerVO
+ insertServer(Server) : void
+ updateServer(Server) : void
+ deleteServer(Server) : void
+ selectServerEqpmnRelateList(ServerEqpmnRelateVO) : List<ServerEqpmnRelateVO>
+ selectServerEqpmnRelateListTotCnt(ServerEqpmnRelateVO) : int
+ insertServerEqpmnRelate(ServerEqpmnRelate) : void
+ deleteServerEqpmnRelate(ServerEqpmnRelate) : void

«ServiceImpl»
impl::EgovServerServiceImpl

+ selectServerEqpmnList(ServerEqpmnVO) : List<ServerEqpmnVO>
+ selectServerEqpmnListTotCnt(ServerEqpmnVO) : int
+ selectServerEqpmn(ServerEqpmnVO) : ServerEqpmnVO
+ insertServerEqpmn(ServerEqpmn) : void
+ updateServerEqpmn(ServerEqpmn) : void
+ deleteServerEqpmn(ServerEqpmn) : void
+ selectServerList(ServerVO) : List<ServerVO>
+ selectServerListTotCnt(ServerVO) : int
+ selectServer(ServerVO) : ServerVO
+ insertServer(Server) : void
+ updateServer(Server) : void
+ deleteServer(Server) : void
+ selectServerEqpmnRelateList(ServerEqpmnRelateVO) : List<ServerEqpmnRelateVO>
+ selectServerEqpmnRelateListTotCnt(ServerEqpmnRelateVO) : int
+ insertServerEqpmnRelate(ServerEqpmnRelate) : void
+ deleteServerEqpmnRelate(ServerEqpmnRelate) : void

«implement»

«model»
service::Server

- serverId: String
- serverNm: String
- serverKnd: String

«Dao»
impl::ServerDAO

+ selectServerEqpmnList(ServerEqpmnVO) : List<ServerEqpmnVO>
+ selectServerEqpmnListTotCnt(ServerEqpmnVO) : int
+ selectServerEqpmn(ServerEqpmnVO) : ServerEqpmnVO
+ insertServerEqpmn(ServerEqpmn) : void
+ updateServerEqpmn(ServerEqpmn) : void
+ deleteServerEqpmn(ServerEqpmn) : void
+ selectServerList(ServerVO) : List<ServerVO>
+ selectServerListTotCnt(ServerVO) : int
+ selectServer(ServerVO) : ServerVO
+ insertServer(Server) : void
+ updateServer(Server) : void
+ deleteServer(Server) : void
+ selectServerEqpmnRelateList(ServerEqpmnRelateVO) : List<ServerEqpmnRelateVO>
+ selectServerEqpmnRelateListTotCnt(ServerEqpmnRelateVO) : int
+ insertServerEqpmnRelate(ServerEqpmnRelate) : void
+ deleteServerEqpmnRelate(ServerEqpmnRelate) : void

«model»
service:: ServerEqpmnRelate

- serverEqpmnId: String
- serverId: String

«extends»

«VO»
service::ServerVO

- serverList: List
~ delYn: String ([])

«VO»
service::ServerEqpmnRelateVO

- serverEqpmnRelateList: List
~ delYn: String ([])

«extends»

Related Tables

Table name	Table name (English)	Notes
Server information	COMTNSERVERINFO	Mange server information such as web server, WAS server DB server, etc..
Server equipment information	COMTNSERVEREQPMNINFO	Manage the properties of server equipment.
Server equipment relation	COMTNSERVEREQPMNRELATE	Manage relation between server and server equipment.

ID Generation

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

INSERT INTO COMTECOPSEQ VALUES('SERVER_ID','0');
INSERT INTO COMTECOPSEQ VALUES('SEVEQ_ID','0');

Related Screen and Execution Manual

Server H/W management

Action	URL	Controller method	QueryID
Inquire	/sym/sym/srv/selectServerEqpmnList.do	selectServerEqpmnList	"serverDAO.selectServerEqpmnList"

			"serverDAO.selectServerEqpmnListTotCnt"

10 server H/W lists are retrieved per page and paging is carried out every 10 page. The search condition is server H/W name.

Inquire: inquire registered server H/W list .
Register: to apply a new server H/W, press Register button in the top to move to the **server H/W registration** screen.
Inquire in detail: to inquire server H/W detail information, select **server H/W ID** to move to **server H/W detail inquiry** screen.

Server H/W registration

Action	URL	Controller method	QueryID
Register	/sym/sym/srv/addServerEqpmn.do	insertServerEqpmn	"serverDAO.insertServerEqpmn"

Enter and register the property information of server H/W.

서버H/W 등록

서버H/W 명 *	
서버H/W IP *	
관리자 *	
관리자이메일주소 *	
OS정보 *	
CPU정보 *	
메모리정보 *	
하드디스크 *	
기타정보	
등록일자 *	

[저장] [목록]

Save: to register a new server H/W, enter server H/W property and press **Save button** in the top to register server H/W.

Inquire : move to server H/W detail inquiry screen.

Server H/W modification

Action	URL	Controller method	QueryID
Modify	/sym/sym/srv/updtServerEqpmn.do	updateServerEqpmn	"serverDAO.updateServerEqpmn"

Modify and save property information of server H/W.

서버H/W 수정

서버H/W ID *	SVE_0000000000000036
서버H/W 명 *	DELL PE2950
서버H/W IP *	192.168.200.21
관리자 *	홍길동
관리자이메일주소 *	leemj@hit.co.kr
OS정보 *	Redhot LInux
CPU정보 *	Inter Xeon 3.2GHz (4EA)
메모리정보 *	1024MB (4EA)
하드디스크 *	Samsung 1TByte
기타정보	기타
등록일자 *	2010-10-05

[저장] [목록]

Save: modify registered server H/W property and press **Save button** in the top to modify server H/W.
List: move to server H/W detail inquiry screen.

Server H/W detail inquiry

Action	URL	Controller method	QueryID
Inquire in detail	/sym/sym/srv/getServerEqpmn.do	selectServerEqpmn	"serverDAO.selectServerEqpmn"
Delete	/sym/sym/srv/removeServerEqpmn.do	deleteServerEqpmn	"serverDAO.deleteServerEqpmn"

Inquire property information of server H/W.

Modify: modify registered server H/W property and press **Modify button** in the top to move to server H/W modification screen.
Delete: delete registered server H/W.
List: move to server H/W list inquiry screen.

Server S/W management

Action	URL	Controller method	QueryID
Inquire	/sym/sym/srv/selectServerEqpmnList.do	selectServerList	"serverDAO.selectServerList"
			"serverDAO.selectServerListTotCnt"

10 server S/W lists are retrieved per page and paging is carried out every 10 page. The search condition is server S/W name.

Inquire: inquire registered server S/W list.
Register: register a new server S/W, press Register button to move to **server S/W registration** screen.
Inquire in detail: to inquire detail information on server S/W, select **server S/W ID** to move to **server S/W detail inquiry screen**.

Server S/W registration

Action	URL	Controller method	QueryID
Register	/sym/sym/srv/addServer.do	insertServer	"serverDAO.insertServer"

Enter and register the property information of server S/W.

Save: to register a new server S/W, enter server S/W property and press **Save button** in the top to register server S/W.
Inquire: move to server S/W detail inquiry screen.

Server S/W modification

Action	URL	Controller method	QueryID
Modify	/sym/sym/srv/updtServer.do	updateServer	"serverDAO.updateServer"

Modify and save property information of server S/W.

서버S/W 수정

서버S/W ID *	SRV_0000000000000023
서버S/W 명 *	WAS 서버1
서버S/W 종류 *	웹 서버 ▼
등록일자 *	2010-10-04 📅

[저장] [목록]

Save: modify registered server S/W property and press **Save button** in the top to modify server S/W.
List: move to server S/W detail inquiry screen.

Server S/W detail inquiry

Action	URL	Controller method	QueryID
Inquire in detail	/sym/sym/srv/getServer.do	selectServer	"serverDAO.selectServer"
Delete	/sym/sym/srv/removeServer.do	deleteServer	"serverDAO.deleteServer"

Inquire property information of server S/W.

서버S/W 상세조회

서버S/W ID *	SRV_0000000000000023
서버S/W 명 *	WAS 서버1
서버S/W 종류 *	웹 서버
등록일자 *	2010-10-04

[수정] [삭제] [목록]

서버H/W 목록

서버H/W 명	서버H/W IP	CPU정보	메모리정보
관리자	OS정보	하드디스크	기타정보
DELL PE2950	192.168.200.21	Inter Xeon 3.2GHz (4EA)	1024MB (4EA)
홍길동	Redhot LInux	Samsung 1TByte	기타

Modify: modify registered server S/W property and press **Modify button** in the top to move to server S/W modification screen.
Delete: delete registered server S/W.
List: server S/W list inquiry screen.

Server H/W registration (Deletion)

Action	URL	Controller method	QueryID
Inquire	/sym/sym/srv/selectServerEqpmnRelateList.do	selectServerEqpmnRelateList	"serverDAO.selectServerEqpmnRelateList"
			"serverDAO.selectServerEqpmnRelateListTotCnt"
Register	/sym/sym/srv/saveServerEqpmnRelate.do	saveServerEqpmnRelate	"serverDAO.insertServerEqpmnRelate"
Unregister			"serverDAO.deleteServerEqpmnRelate"

Register (unregister) **server S/W (name)** that meets the inquiry condition.

Inquire: inquire server H/W list.
Save: register server H/W, enter registration property and press **Save button** in the top.
List: move to server S/W list inquiry screen.