

JSP

2001 8

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13.	23

가

가

가 가

가 가

[7].

[6].

[10].

가

가

가
가

가

가 가
가

가

가

가

,

가

1.1

[1].

(Calendar-driven Publishing)

(Event-driven Publishing)

가 [2].

Computer Technology Research Corp. , 1998

4

, 2000 7

/	273,585	55,873
20%	5	10
23%, 10	39%, 50	62%

가 [10].

/ 100

(75.0) (73.0)

(71.3) 가

73.0 /

[10].

1.2

가

,

가

가

JSP

가

가

가

가

1.3

2

3

4

. JSP

JSP(Java Server Page)

가

가

. JSP XML

가

JSP
[9].

2.1 JSP

2.1.1

JSP

JSP 가

가

JSP 가

(machine)

JSP 가

가

JDBC(Java

DataBase Connectivity)

[9].

2.1.2

JSP (static content)

HTML

(dynamic content)

JSP

JSP

HTML

가 JSP
[9].

2.1.3 가

가

JSP

JSP

[9].

2.1.4

(scripting)

JSP
(action)

JSP

JSP

[9].

2.1.5

JSP

JSP

JSP

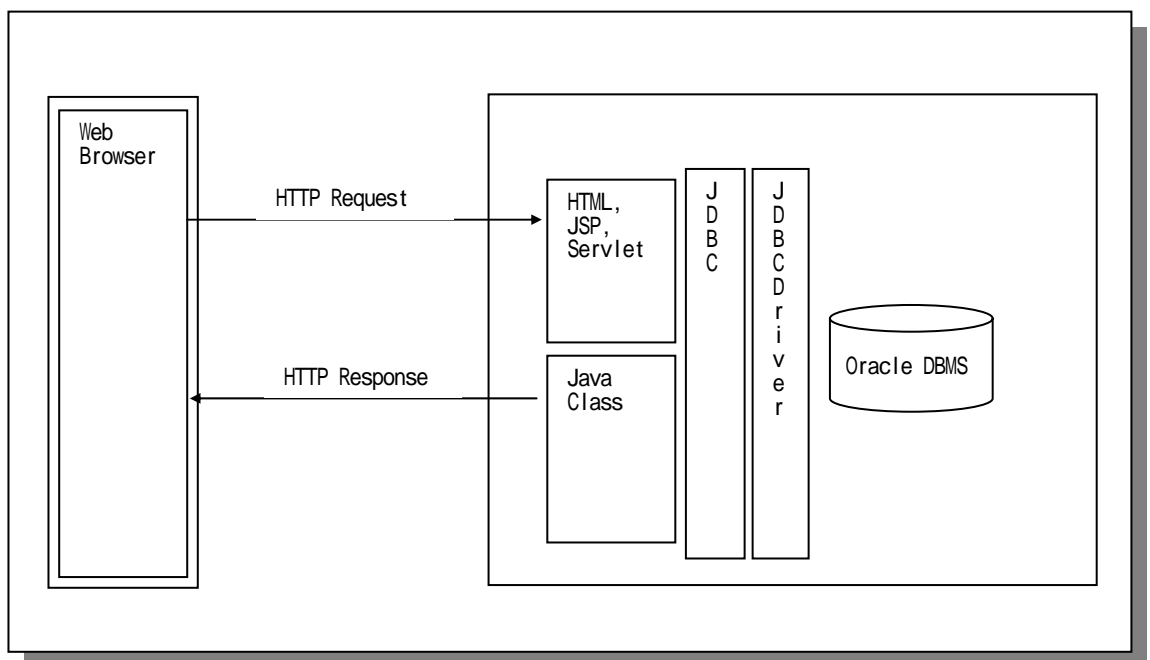
가

JSP

[9].

가 ID

2.1



1.

1

URL

가

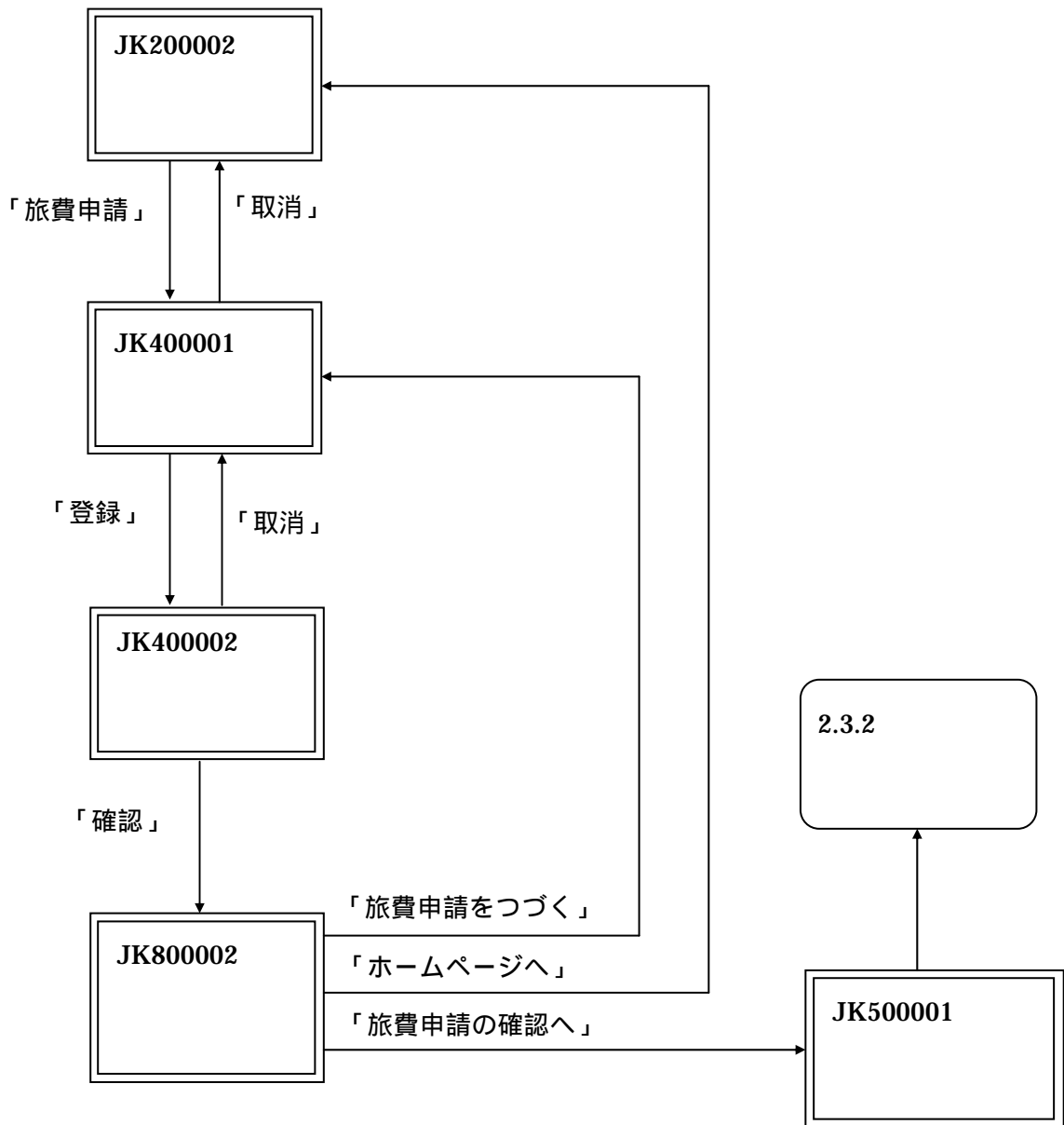
2.2

2.3

2.3.1

2

が



2.

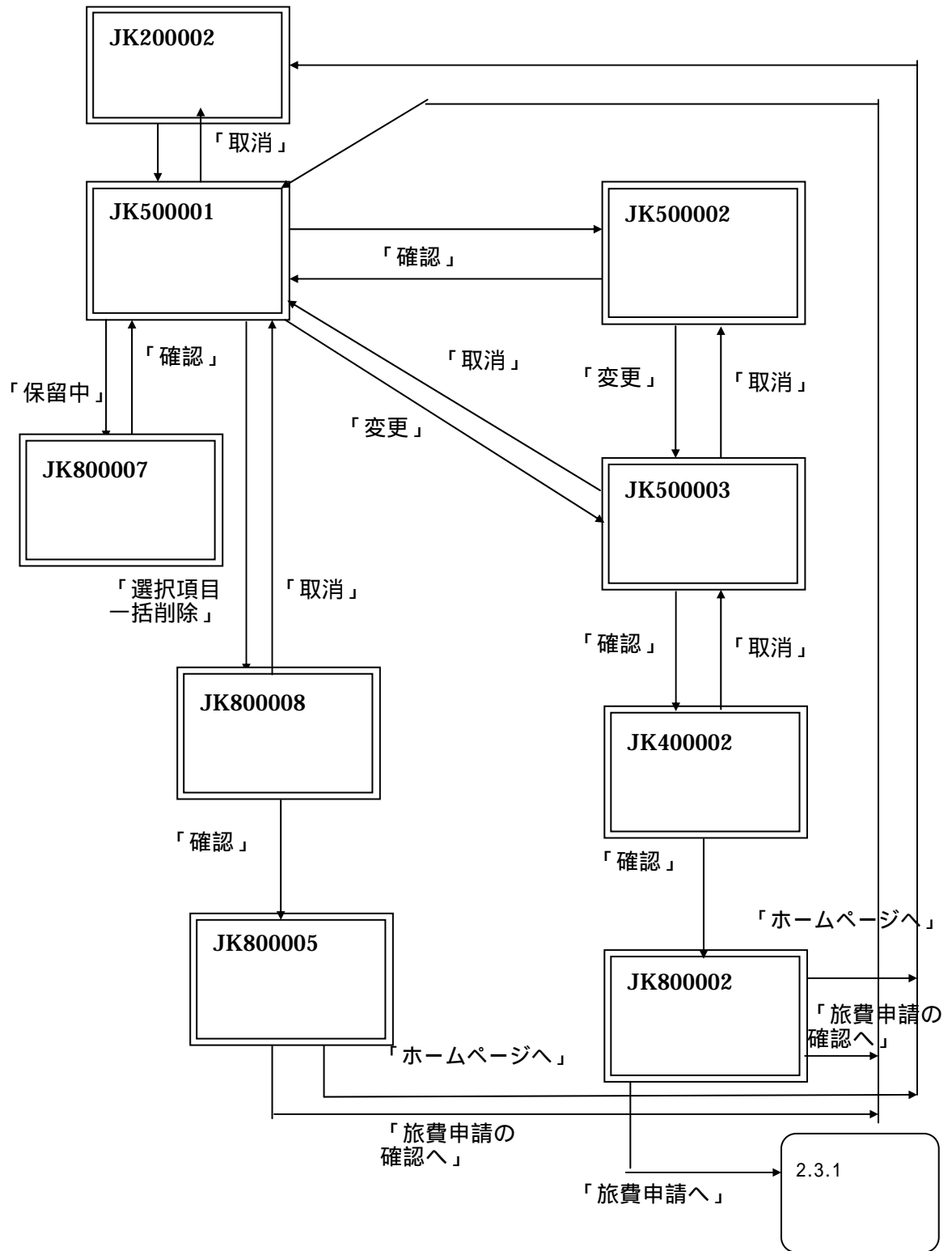
2.3.2

3

.

가 가 .

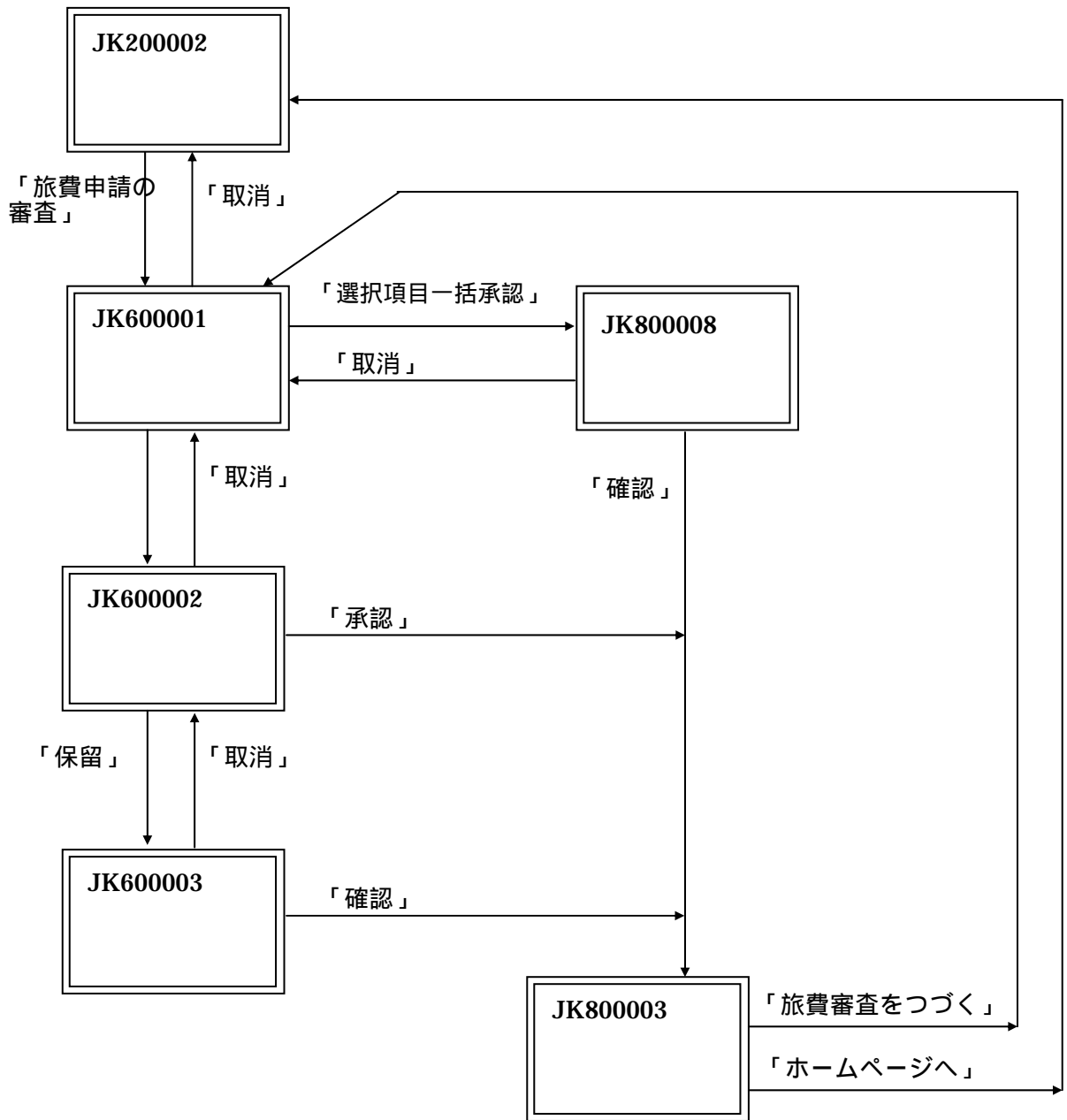
.



3.

2.3.3

4 가 가 ,

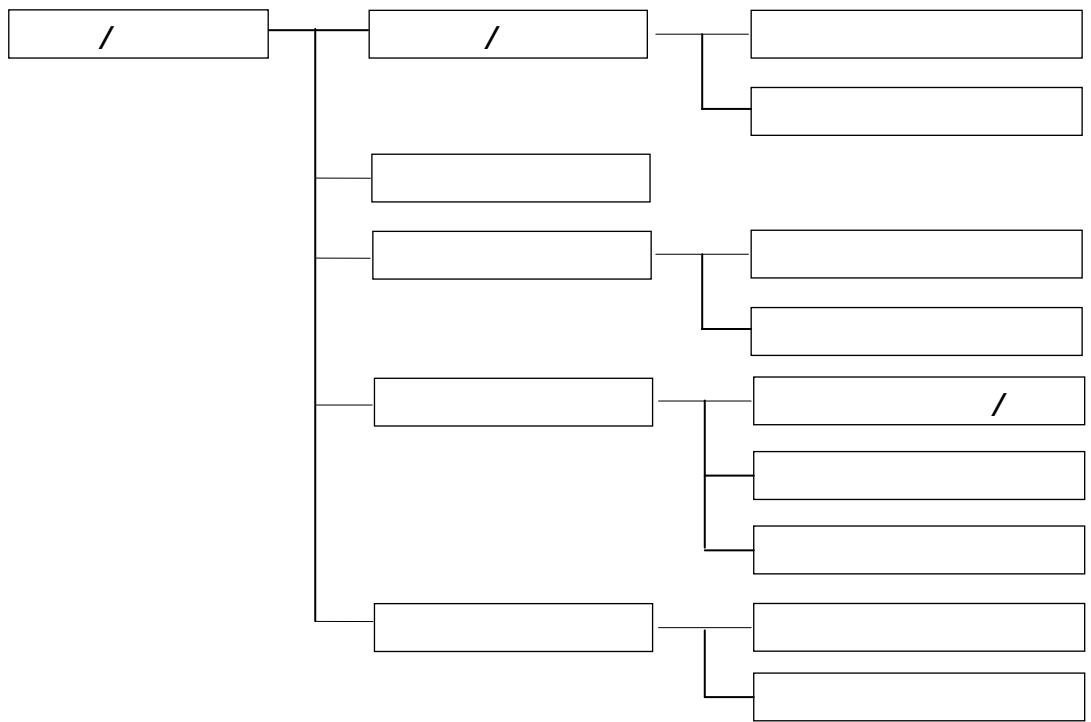


4.

2.4

2.4.1

5



5.

2.4.2

1

1.

1	/	Web Web
2		(ID, , , ,)
3		ID, ,
4		.
5		가

2.5

2.5.1

2

2.

employee		, .
department		.
travel_cost		.
travel_bigcode		.
cost_registration		, .
travel_detail		, .
identification		ID , .
status_flag		.
error		.
log_write		.

2.5.2

3

3.

1	emp_no		char	5	Pk
2	emp_kana	(가)	varchar2	24	
3	emp_kanji	()	varchar2	12	
4	emp_dept		char	3	Fk
5	emp_pos		varchar2	20	
6	emp_office_phone		char	4	
7	emp_sal		number	10	
8	emp_birth		date		
9	emp_postnum1	()	char	3	
10	emp_postnum2	()	char	4	
11	emp_add		varchar2	80	
12	emp_phone1		char	4	
13	emp_phone2	()	char	4	
14	emp_phone3	()	char	4	
15	emp_date		date		
16	emp_account		varchar2	20	
17	emp_bank		varchar2	20	

2.5.3

4

4.

1	dept_code		char	3	Pk
2	dept_title		varchar2	10	
3	dept_manager		char	5	Fk

2.5.4

5

가

5.

1	trv_code		number	2	Pk
2	trv_bigcode		number	2	Fk
3	trv_title		varchar2	50	
4	trv_cost		number	10	

2.5.5

6

가

6.

1	trv_bigcode		number	2	Pk
2	trv_bigtitle		varchar2	50	

2.5.6

7

가

7.

1	cst_no		number	4	Pk
2	emp_no		char	5	Fk
3	cst_title		varchar2	20	
4	cst_occurdate		date		
5	cst_occurto		date		
6	cst_registdate		date		
7	cst_completedate		date		
8	cst_flg		number	1	Fk
9	cst_jiyu		varchar2	200	

2.5.7

8

Primary Key

8.

1	cst_no		varchar2	10	Pk
2	trv_code		number	2	Pk
3	trv_cost		number	10	

2.5.8

9

ID

가

9.

1	id_id	ID	varchar2	8	Pk
2	id_password		varchar2	8	
3	emp_no		char	5	Fk
4	id_authority		char	1	

2.5.9

10

10.

1	sts_flg		number	1	Pk
2	sts_title		varchar2	10	

2.5.10

11

가

11.

1	err_code		char	5	Pk
2	err_title		varchar2	10	

3.1

Hitachi H9000V/VT850

8i , WindowsNT 4.0 Server

OS java2 Runtime Environment1.3(JRE 1.3), IIS4.0, JRun3.0 가

3.1.1

JSK2 , SID JKS2

ID

JKS JKS123

가

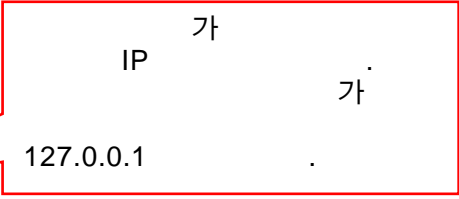
JKSYS.INI

7

```
[JKSYS.INI]

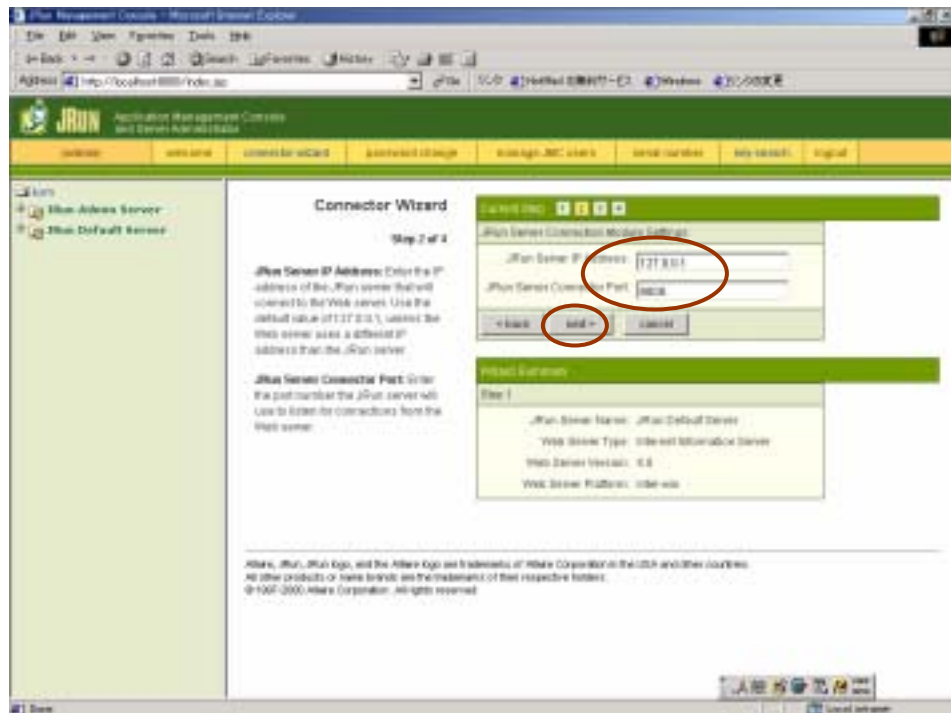
[TimerValue]
TimerValue 180

[ServerAddress]
DBServer 127.0.0.1
```



7.

ini

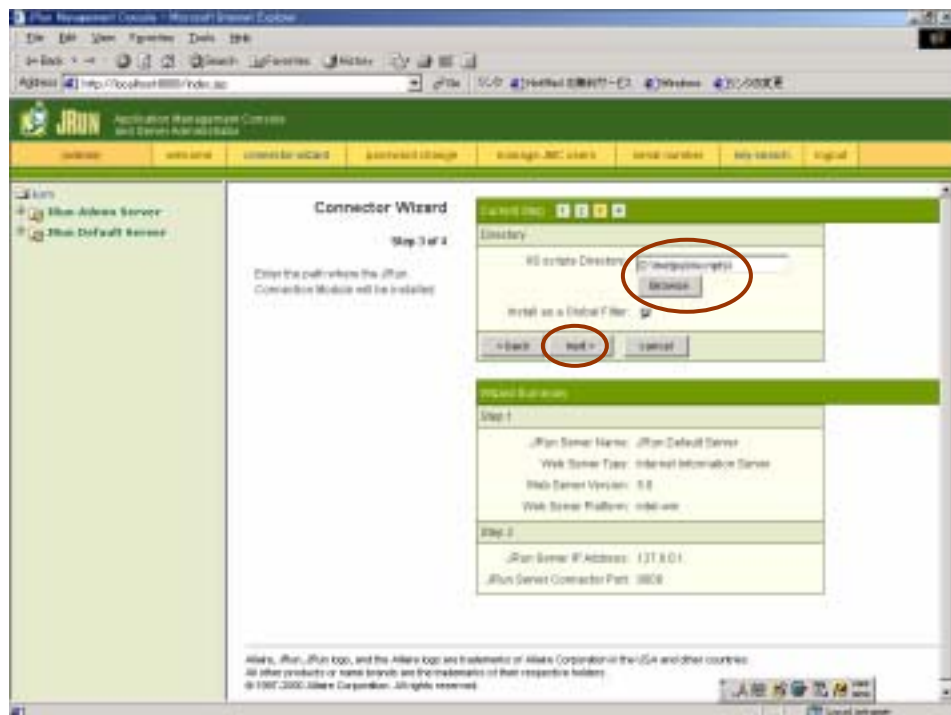


9. (2)

10

Browse

IIS Script Directory

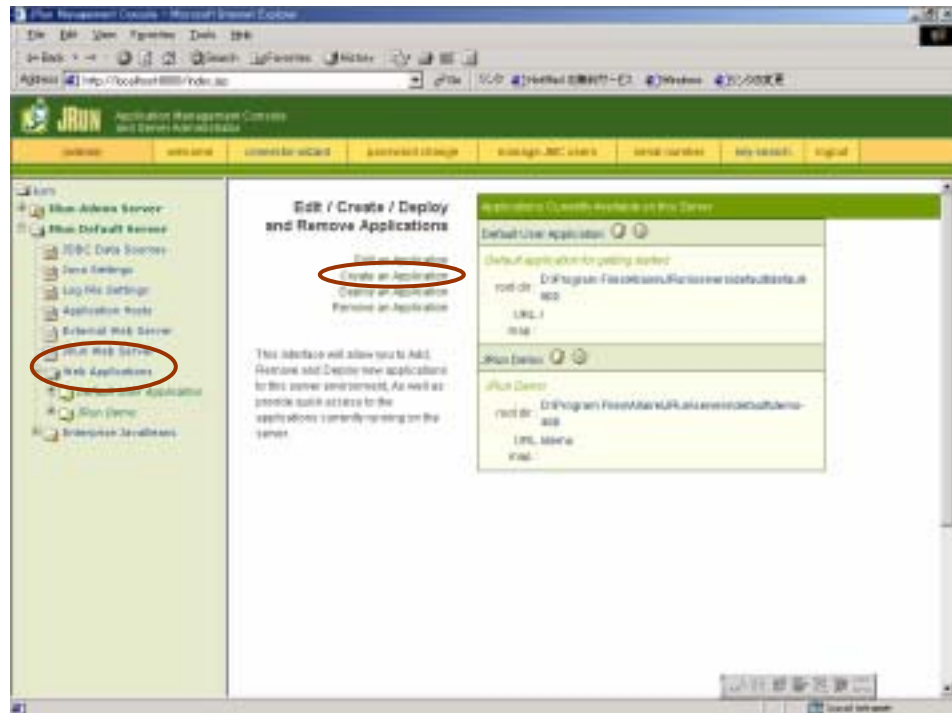


10.

(3)

3.1.3

JRun Default Server Web Application 11 Create an Application



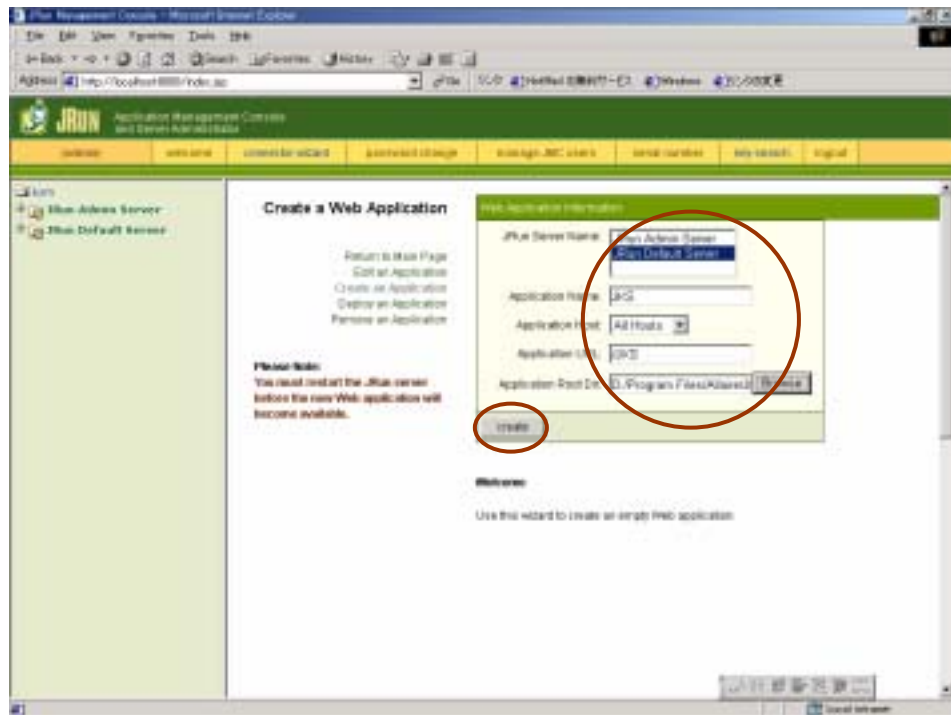
11.

(1)

12

- JRun Server Name "JRun Default Server"
- Application Name "JKS"
- Application URL "/JKS"
- Application Root Dir "Browse"

Create



12.

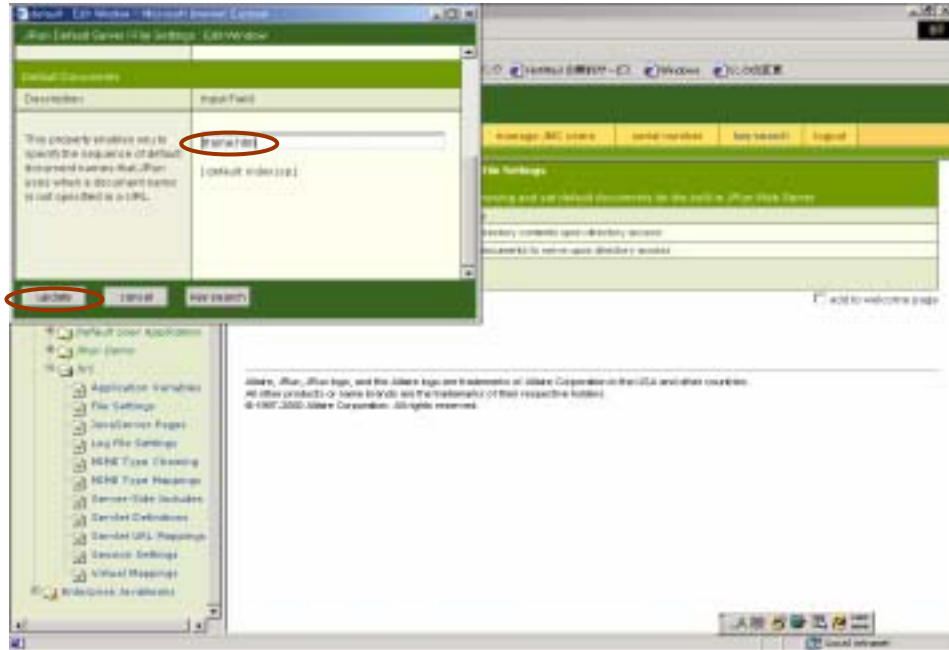
(2)

3.1.4

JRun Default Server Web Application JKS File Setting ,
 Default Document

13

“frame.htm”



13.

3.1.5

13

13.

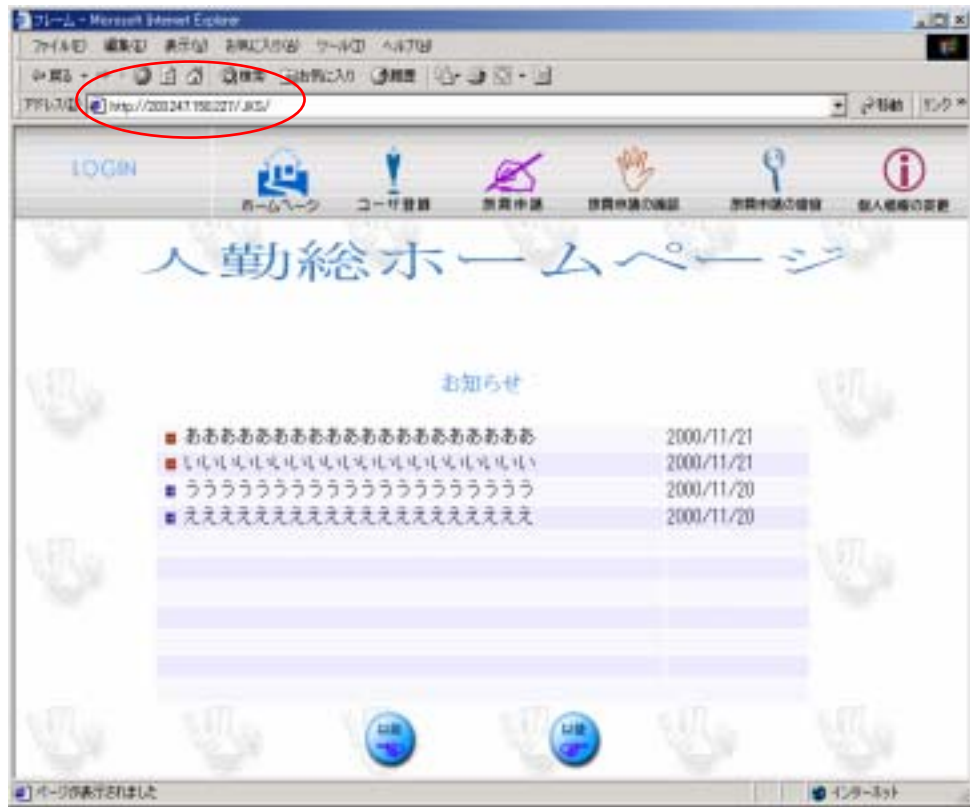
1	JKS	JRun	¥servers¥default¥JKS	
2		JRun	¥servers¥default¥JKS¥gym	*.htm, *.jsp
3	Java Servlet	JRun	¥servers¥default¥JKS¥WEB-INF	*.class

3.2

URL

14

가



14.



16. (2)

17

が

「確認」

「取消」



17. (3)

- 「ホームページへ」
- 「旅費申請をつづく」
- 「旅費申請の確認へ」



18.

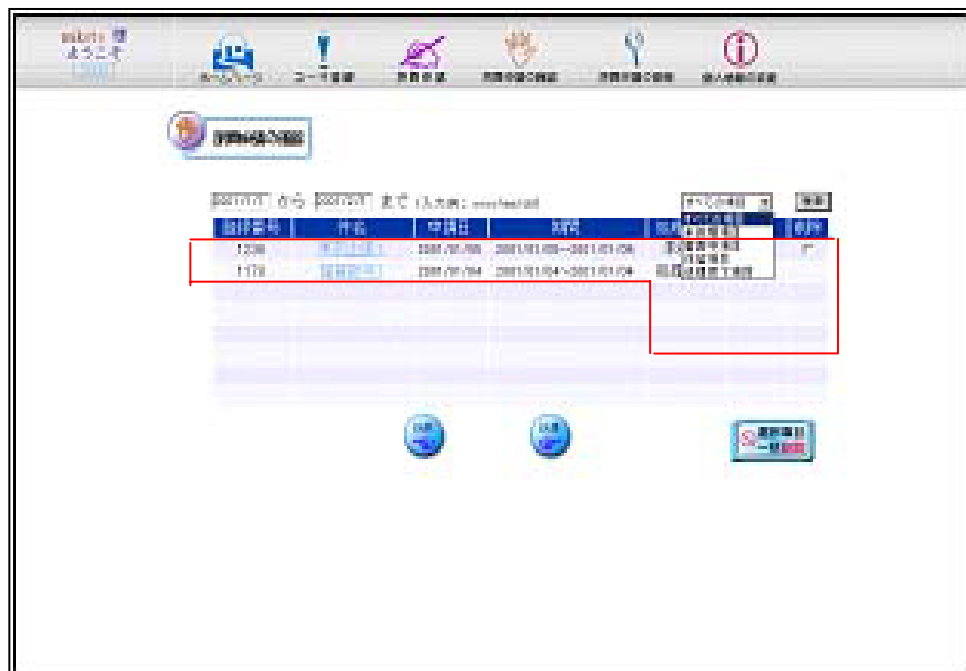
(4)



20. (2)

21

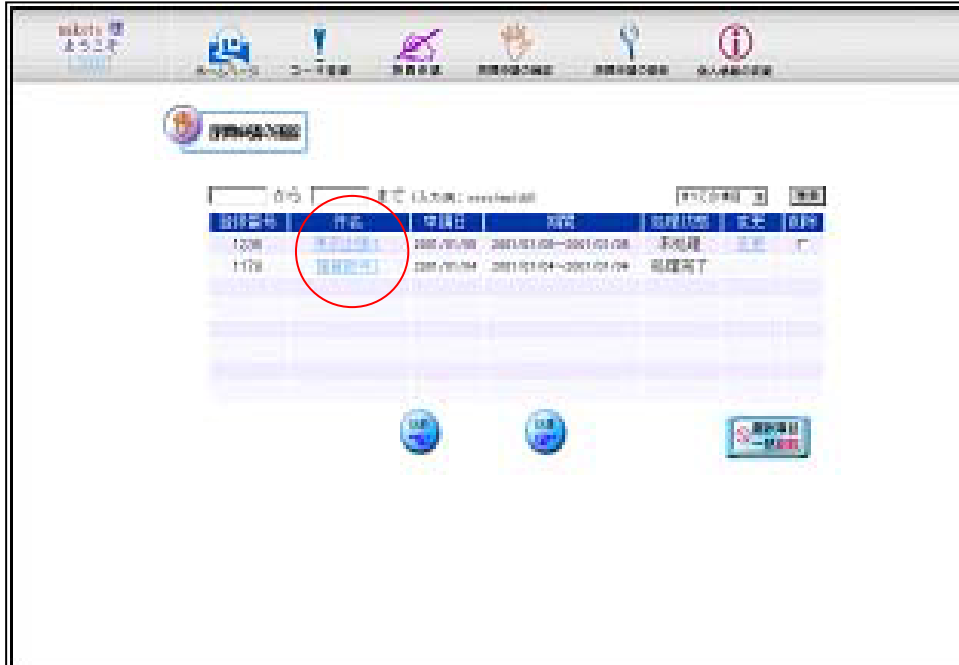
が



21. (3)

가 22

가



22.

(4)

23

「確認」

, 「変更」

가



23.

(5)

24
が

「確認」



24.

(6)

25

「確認」

「取消」



25.

(7)



26.

(8)

27

가

「一括削除」 . 가 「削除」 가 . 가 .



27. (9)

28 「OK」 「Cancel」



28. (10)

「ホームページへ」

「旅費申請の確認へ」



3.2.3

가

가

30



30.

(1)

가
가
「以前」, 「以後」

31

「一括承認」

8



登録番号	件名	申請者	部署	申請日	誕生日	授業料額 (円)	処理状況	一括承認
1000	2728.出席	田中ゆな	総務部	00/08/08	00/08/08	89,100	保留	<input type="checkbox"/>
1007	2728.出席	田中ゆな	総務部	01/01/02	01/02/01	62,100	保留	<input type="checkbox"/>
1008	2728.出席	佐々木美加子	総務部	01/01/02	01/01/02	3,200	処理完了	<input type="checkbox"/>
1167	2727.出席	佐々木美加子	総務部	01/01/04	01/01/04	2,800	保留	<input type="checkbox"/>
1167	2727.出席	佐々木美加子	総務部	01/01/04	01/01/04	2,800	保留	<input type="checkbox"/>
1178	2727.出席	三浦綾子	営業部	01/01/04	01/01/04	12,800	処理完了	<input type="checkbox"/>
1209	2727.出席	佐々木美加子	総務部	01/01/04	01/01/04	14,200	未処理	<input type="checkbox"/>
1215	2727.出席	佐々木美加子	総務部	01/01/04	01/01/04	1,400	保留	<input type="checkbox"/>

31.

(2)

32

가



32. (3)

が

33

「承認」

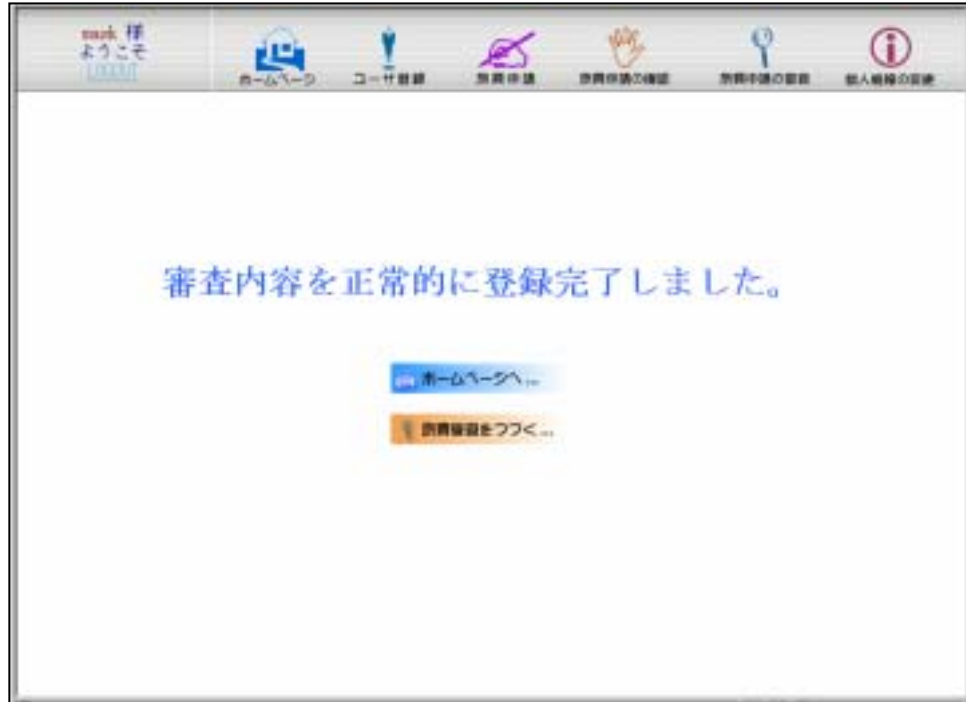
「取消」



33. (4)

「ホームページへ」

「旅費審査をつづく」



34.

(5)

35 「保留」



35. (6)

36

「確認」

「取消」



36. (7)

가 .

가

가 .

(Firewall)

[5].

LAN

LAN

LAN

[2].

LAN

가

- 1) , “ : ” 362 (1996)
- 2) , , “ ” 398 (1997)
- 3) , , JSP , 가 (2000)
- 4) , , , , About JSP, .com
- 5) 1997, 08 v.24, n.8, pp21-27
()
- 6) , ,
'97 1997.11 pp.299-311
- 7) Forrester, 1996 www. Forrester.com Forrester Research Homepage
- 8) Noel Yuhanna, Oracle 8i Database Administration, .com(1999)
- 9) Deitel, Java2 Programing Bible, (1999)
- 10) (<http://www.mic.go.kr/>)
- 11) JSP SCHOOL(<http://www.jspschool.com>)
- 12) 4OffLine (<http://www.4offline.org>)
- 13) (<http://www.javanuri.net>)
- 14) (<http://www.javastudy.co.kr>)
- 15) (<http://technet.oracle.co.kr>)

The realization of function proposing and approving travel expenses developed with Java Server Page

As the globalization of corporation has made branches and subsidiary companies spread over the world, the parent companies have had the problem to manage branches and their employees. So many companies have established their own intranet because of promoting efficiency and economical problems. The employees can use intranet to manage document, to write on the web board, to send e-mail, and so on.

Internet has spread throughout the world wide so that the employees of the branches can immediately know circumstances of the parent company. Also if the employees work on the Web, the company can condition working progress immediately and manage the projects or employees with ease.

I developed function proposing and approving travel expenses in my paper. Not only travel expenses but also other proposals can be applied. The proposal throughout Internet like one in my paper can make the admitter immediately do his or her work and the applier immediately know whether his or her approval is accepted or not.

The function I developed will be able to make up the organization part and security problem more clearly so that the managers are able to grasp their person and the intranet can be protected in safety in the internet structure.