

Oracle9iAS Java Edition

Oracle9i Lite

Oracle Korea
Mobile Lab.

Younghun.hong@oracle.com

Agenda

- ❑ Oracle 9iLite Oracle9iAS Java Edition
- ❑ Web Application
- ❑ web-to-go

□ Oracle9i Lite

Mobile Device

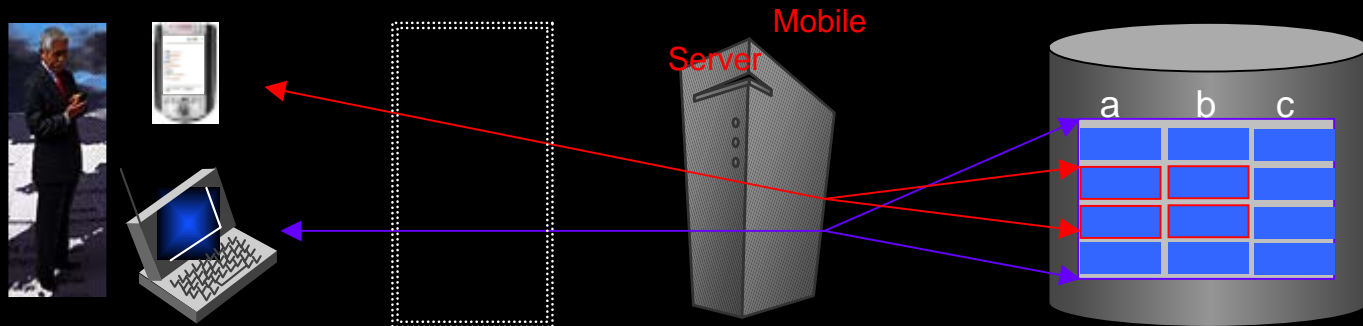
Infrastructure.

✓ Infrastructure = Mobile DB + Mobile Server + Developing + Packaging + Deploying

- Mobile Server : application server
- Mobile Development Kit (MDK)
- 9iLite Footprint Database

✓

- 가 Device Device Data Set
-) Note book () : full table (select * from table)
-) Pocket PC () : filtering (select a,b from table where)



Oracle9i Lite

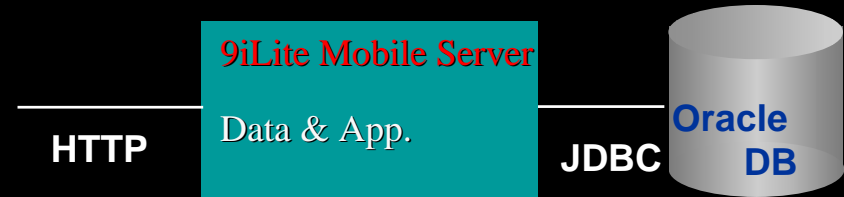
Oracle9iAS Java Edition

□ Oracle9i Lite Mobile Server

- Standalone Mobile Server

✓

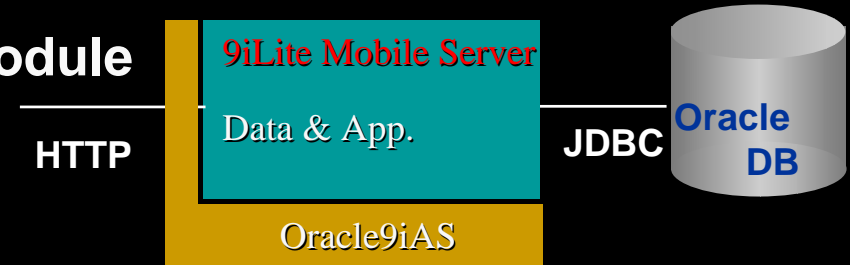
✓



- Mobile Server as Oracle9iAS module

✓

✓



“

Oracle9iAS

”

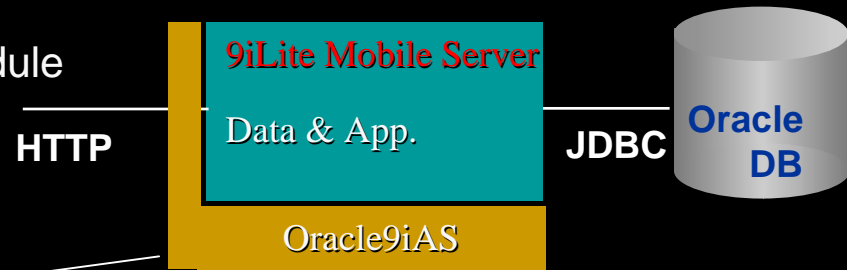
Oracle9i Lite Oracle9iAS Java Edition

□ How to install mobile server as Oracle9iAS module

- - ✓ Oracle9i Lite 5.0.2
 - ✓ Oracle9iAS Java Edition
 - ✓ JDK 1.3.1
- - ✓ JDK
 - ✓ Oracle9iAS Java Edition
 - ✓ Oracle9i Lite 5.0.2
- | ✓ Oracle9iAS | Oracle9i Lite | ORACLE_HOME |
|---------------|----------------------|-------------|
| . | | |
|) Oracle9iAS | C:\oracle\Oracle9iAS | |
| Oracle9i Lite | C:\oracle\9iLite | . |

❑ Configuration of mobile server as Oracle9iAS module

- Mobile Server as Oracle9iAS module



<Oracle9iAS_HOME>\Apache\Apache\conf\httpd.conf
include "<9iLite_HOME>\mobile\server\bin\wtgias.conf"

가

<Oracle9iAS_HOME>\Apache\Apache\conf\httpd.conf

Listen 80

Port 80

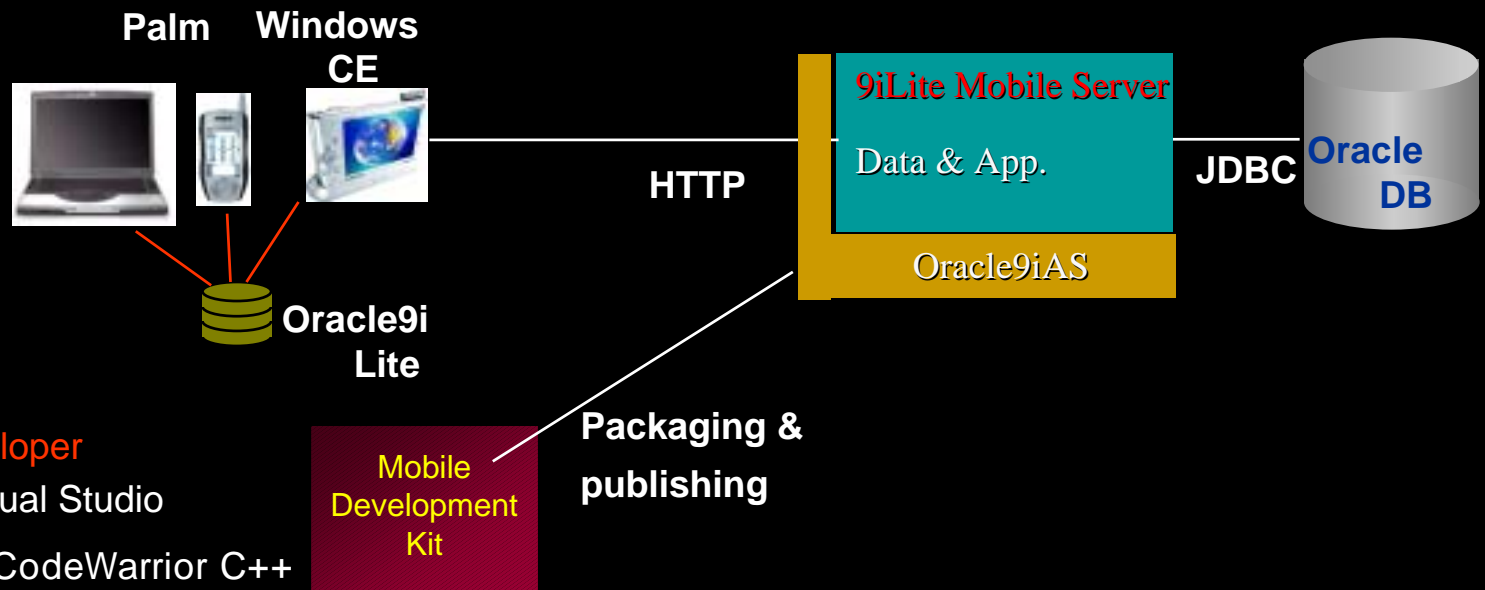
=

Port 80

"<9iLite_HOME>\mobile\server\bin\webtogo.ora

❑ Oracle9iAS java Edition

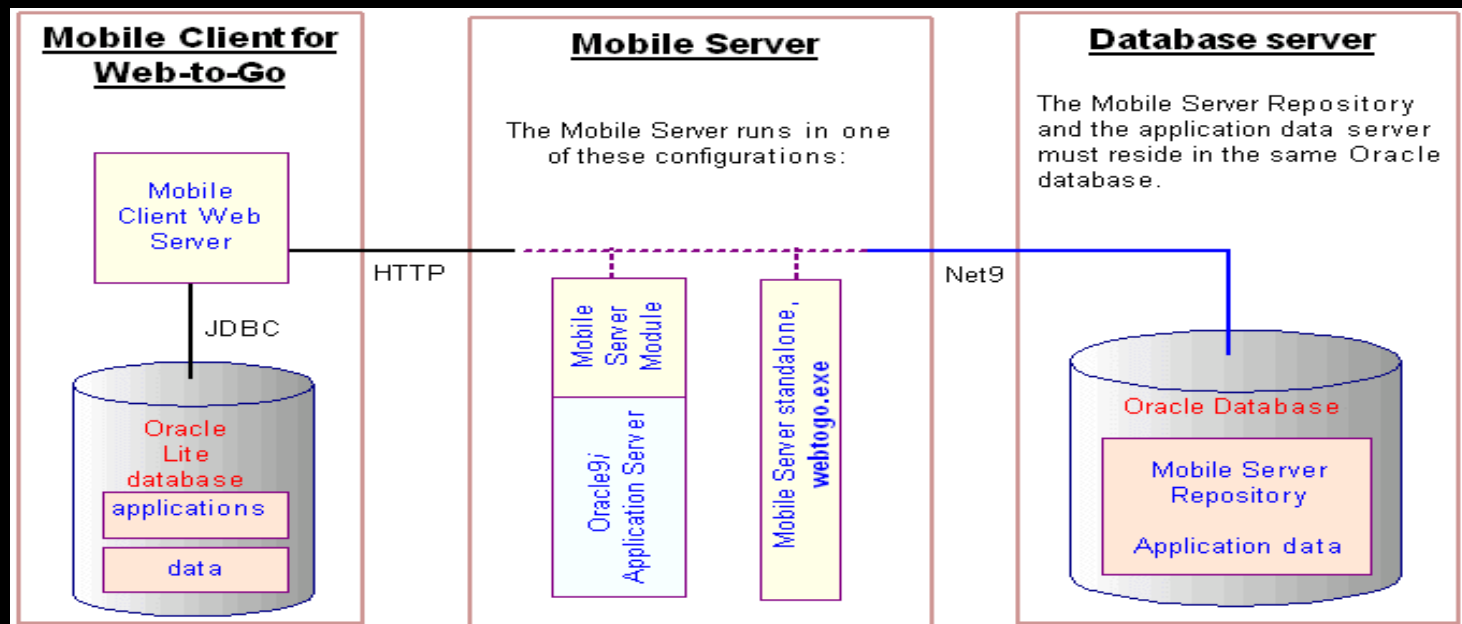
- Full J2EE 1.3 (Oracle9iAS Containers for J2EE)
- **Oracle HTTP Server :**
- Oracle9iAS TopLink
- **Oracle9i JDeveloper (5 seats) : offline web application (web-to-go)**
- Oracle Enterprise Manager (Standalone instance)



Web Application

□ Web-to-go

- Online : JSP/Servlet WAS
data application
- Offline : webtogo client data +
application standalone web application



Web Application

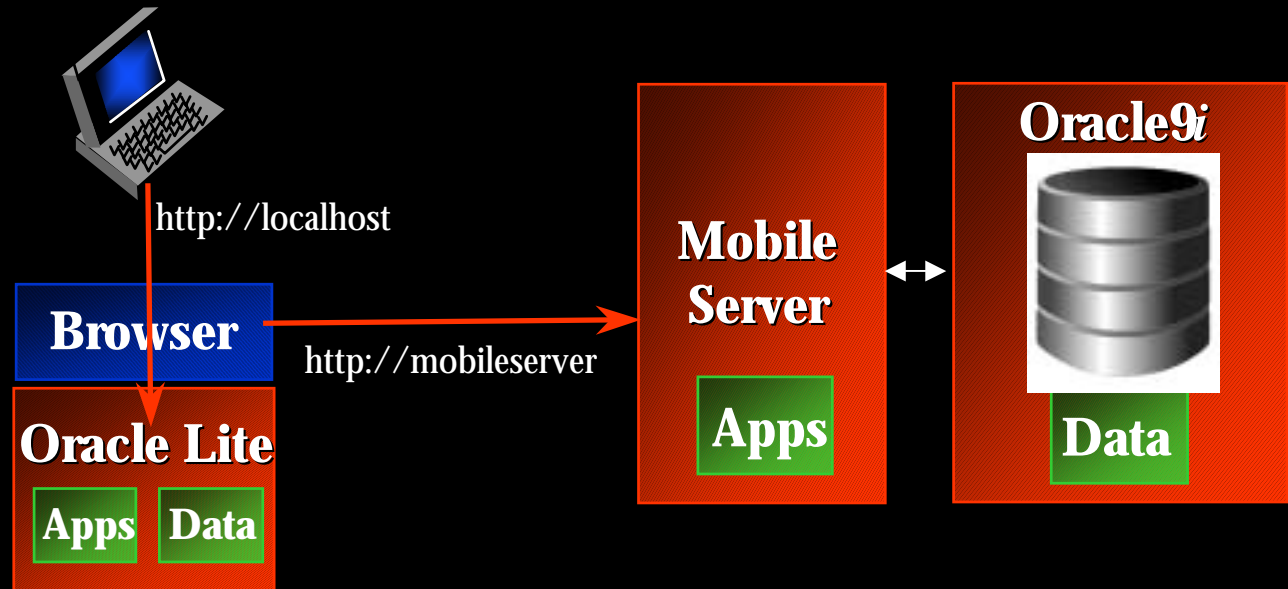
□ Web-to-go

1. Offline



- Standalone
Web application

2. On/Offline switching



- Standalone
application
application data

- Standalone
Client data

Web Application

□ on/offline

target database

- web-to-go workspace
database Lite database
connection

on/offline
Oracle database

target

- on/offline

offline

가
offline

```
<%@ page language="java"
import="java.sql.*",
java.security.Principal,
oracle.lite.web.servlet.OraUserProfile"
contentType="text/html; charset=euc-kr"
```

%>

HTML

<%

```
Principal user = request.getUserPrincipal();
Connection conn = ((OraUserProfile)user).getConnection();
```

```
Offline      9iLite database
Online
"<9iLite_HOME>\mobile\server\bin\webtogo.ora

ADMIN_JDBC_URL=jdbc:oracle:oci8:@webtogo
.world

jdbc connection string
```

```
webtogo.world
<9iLite_HOME>\network\admin\tnsnames.ora
```

%>

Web Application

□ web-to-go workspace API

- web-to-go application workspace

web-to-go application workspace

isClient

isSyncInProgress

RestartWebtogo

isLoggedIn

goSwitch

detectedNewApps

getLastSyncTime

.....

```
if (isClient()) {  
    + business  
}  
else {  
    + business  
}
```

API

web application

가

Web Application

□ web-to-go workspace

The screenshot shows the Oracle 9i Lite web application interface. The top navigation bar includes 'Oracle 9i Lite' and 'webto-go workspace'. The main content area is divided into two sections: 'Customer Service Request' and 'Available Serviceperson'.

Customer Service Request

- *고객이름: [Text Input]
- *주소: [Text Input]
- *전화번호: [Text Input] (Home/Mobile)
- *서비스번호: [Text Input]
- *서비스요청: [Text Input]
- *제품선택: [Dropdown Menu]
- *서비스요청 상세내용: [Text Area]
- 기타 당부 사항: [Text Input]

Available Serviceperson

선택	아이디	이름	모바일	담당 구역	상태
<input type="radio"/>	001	이정민	01198956430	서문구 상점	Active
<input type="radio"/>	002	고봉수	01197786233	서문구 상점	Inactive
<input type="radio"/>	003	박정민	0112934630	서문구 상점	Inactive
<input type="radio"/>	004	박이정	01197786233	서문구 상점	Inactive
<input type="radio"/>	005	김정민	01197786233	경남대	Inactive

The interface also includes a 'Log Off' button in the top right corner and a 'Running Applications' section on the left side.

Web Application

❑ web-to-go application



Web Application

□ Package Wizard

- mobile development kit
 - “Oracle9i Lite MDK for web-to-go”
- <9iLite>\mobile\sdk\bin\wtgpack.exe
- Snapshot (publication , publication item)
- Application &
- object (index , view)

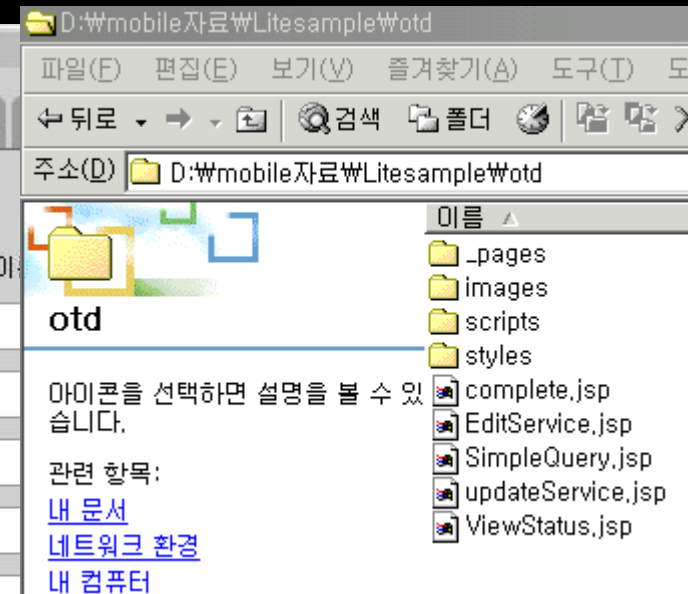
Web Application

□ Package Wizard



Web Application

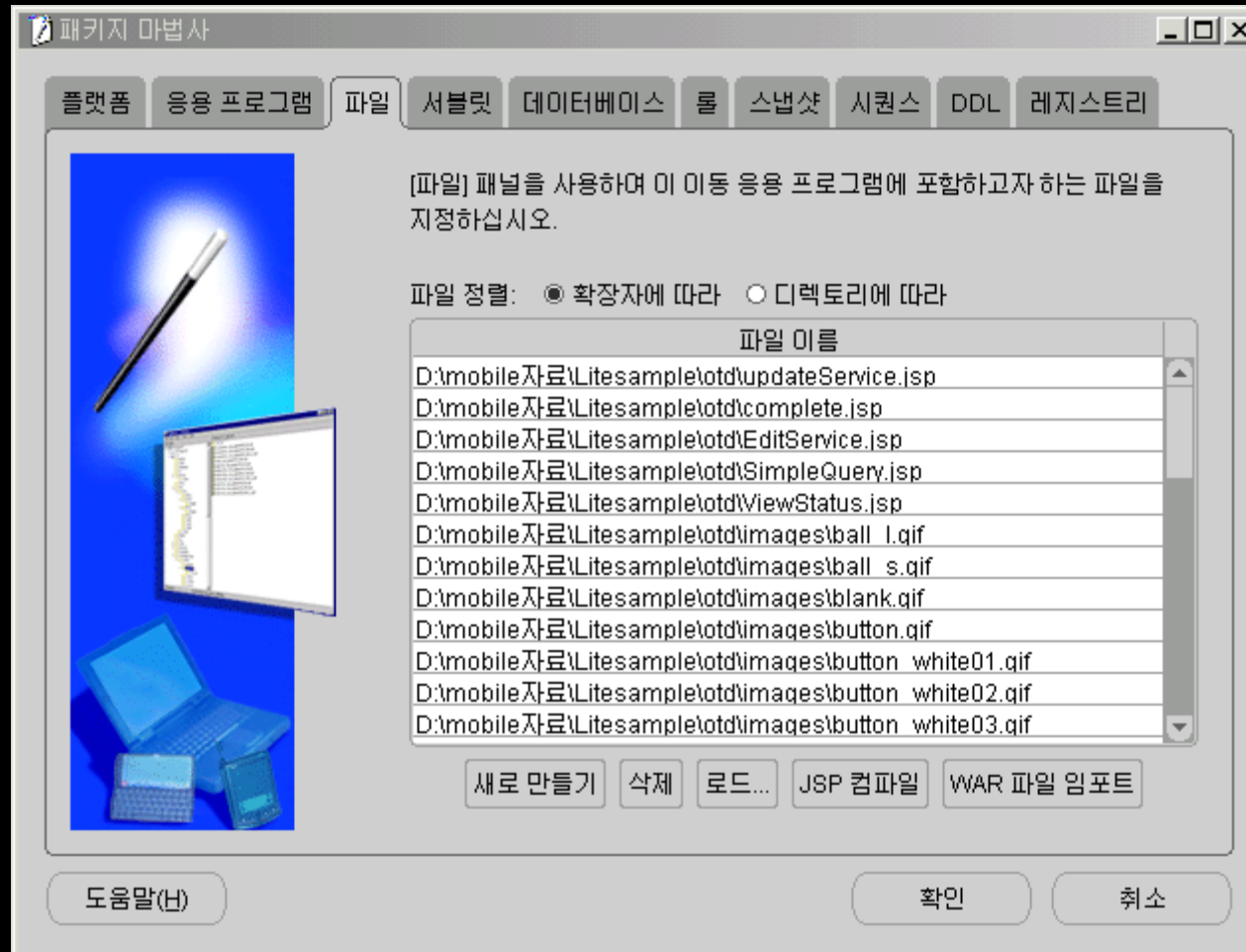
□ Package Wizard —



Web Application

□ Package Wizard

—



Web Application

□ Package Wizard

-



Web Application

□ Package Wizard

—

패키지 마법사

플랫폼 응용 프로그램 파일 서블릿 데이터베이스 롤 스냅샷 시퀀스 DDL 레지스트리

[데이터베이스] 패널을 사용하여 이동 응용 프로그램이 오라클 데이터베이스와 상호 작용하는 방식을 지정하십시오.

서버측

데이터베이스 사용자 이름: moon

접속 수: 10

접속 공유: ☐

클라이언트측

데이터베이스 이름: otd

도움말(H) 확인 취소

Web Application

❑ Package Wizard

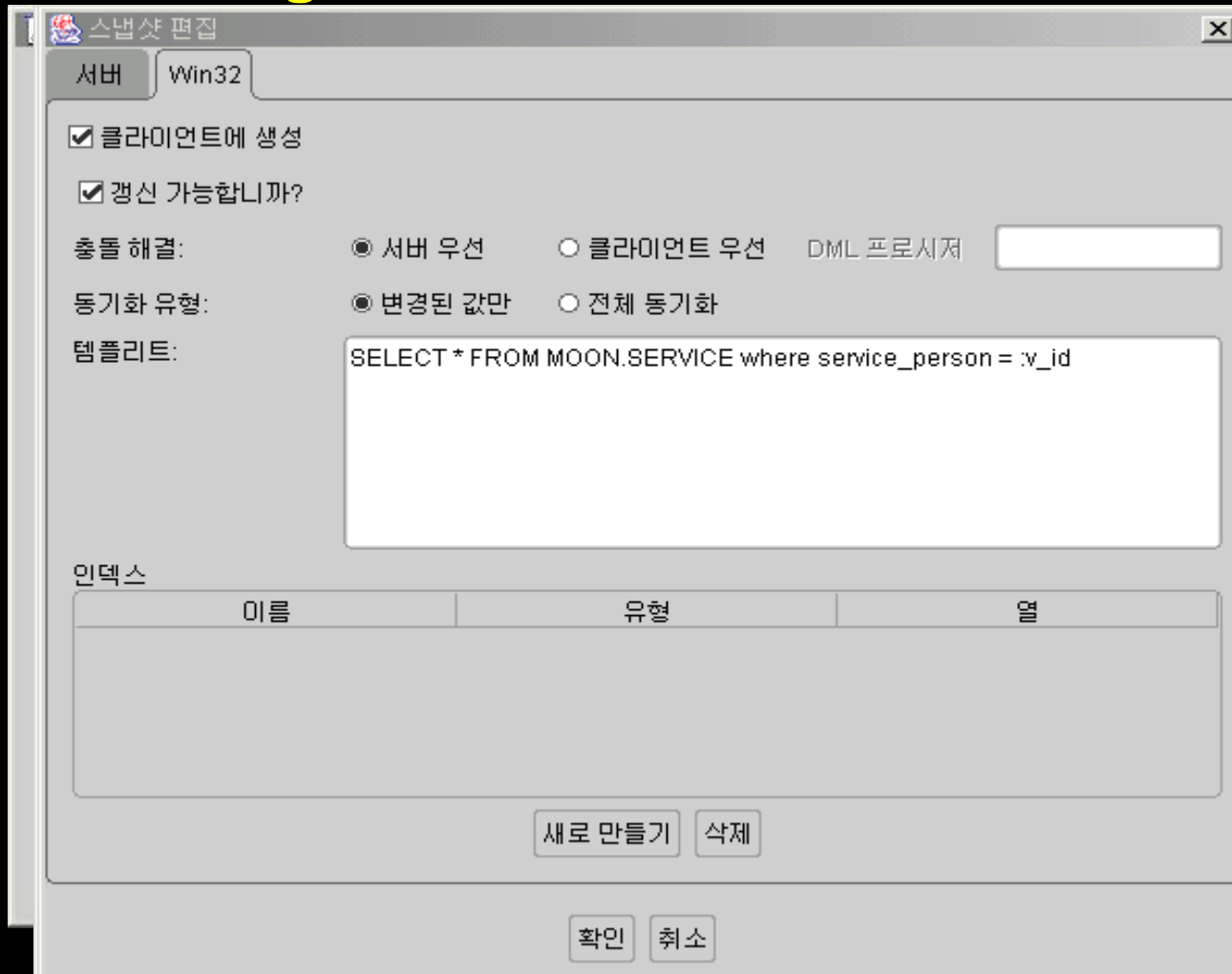
-



Web Application

□ Package Wizard

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스냅샷 편집

서버 Win32

☒ 클라이언트에 생성

☒ 갱신 가능합니다?

충돌 해결: ☒ 서버 우선 ☐ 클라이언트 우선 DML 프로시저

동기화 유형: ☒ 변경된 값만 ☐ 전체 동기화

템플릿:

```
SELECT * FROM MOON.SERVICE where service_person = :v_id
```

인덱스

이름	유형	제
----	----	---

새로 만들기 삭제

확인 취소

Web Application

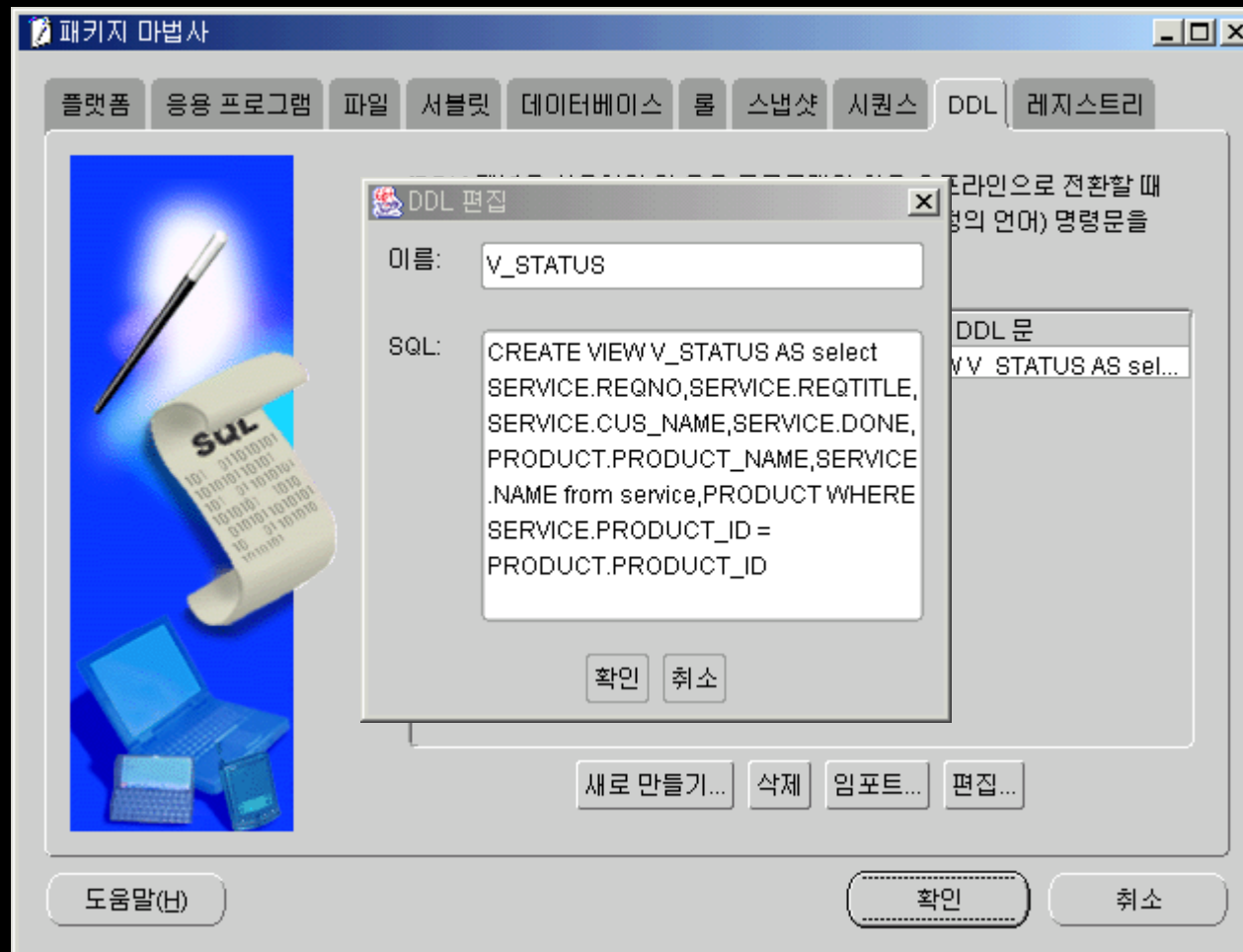
❑ Package Wizard

-



Web Application

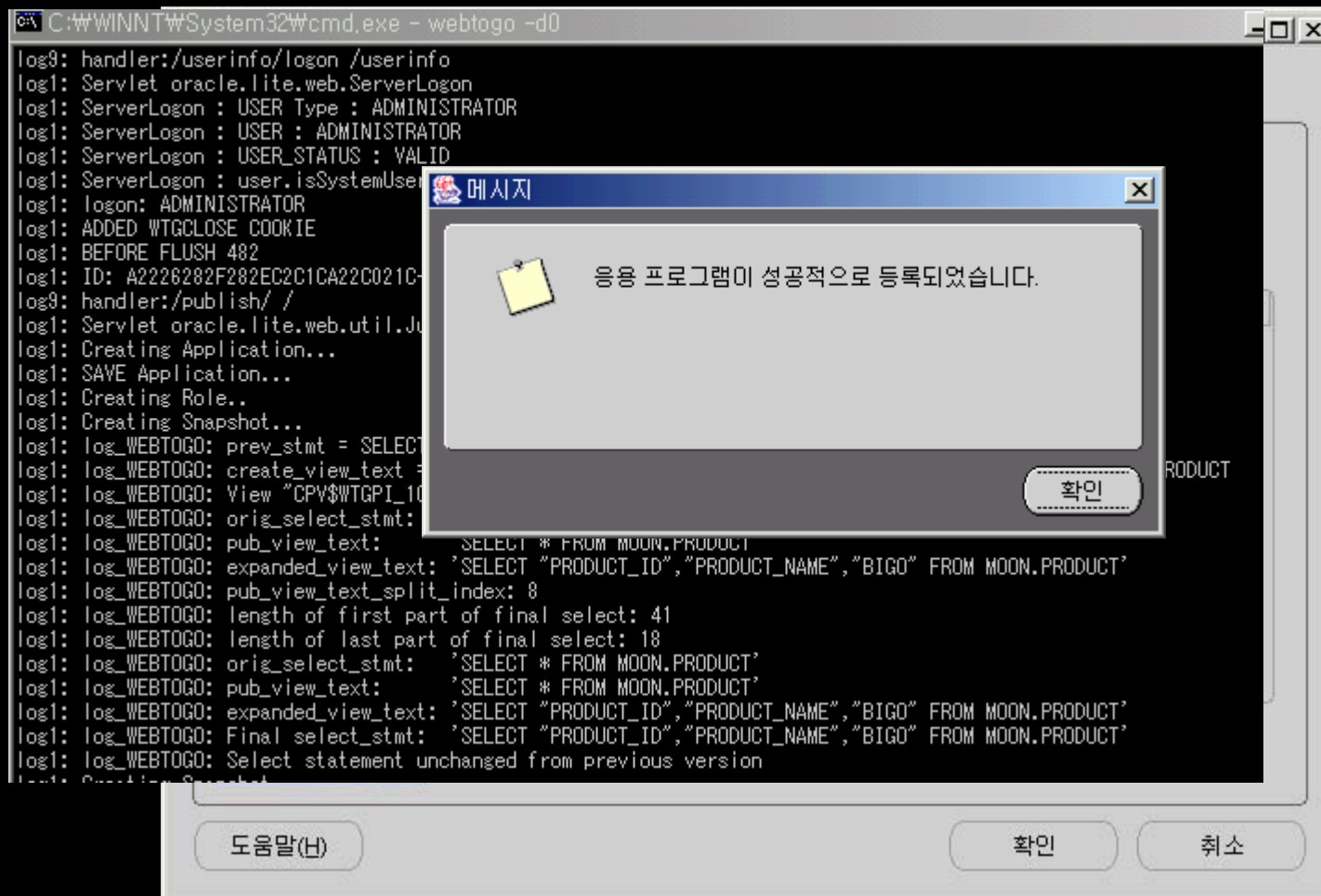
□ Package Wizard - DDL



Web Application

❑ Package Wizard

-



Web Application



http://localhost/webtogo/index.html

Oracle9i Lite

Logon

User Name:
administrator

Password:

Logon

주소(D) http://localhost/webtogo/WLTop

Oracle9i Lite

Applications


Applications

제어 센터
Mobile Server 관리

)




Web Application



Oracle 9i Lite

[응용 프로그램](#) | [사용자](#) | [사이트](#) | [서버](#) | [작업](#) | [도움말](#)

제어 센터



응용 프로그램

응용 프로그램 찾기

☒ 이름에 따라
☐ 가상 경로에 따라

검색

- [등록정보](#)
- [데이터 부분 집합화](#)
- [레지스트리](#)
- [엑세스](#)
- [파일](#)
- [WAR 파일 추가](#)

webtogo.jsp
sample

응용 프로그램 모드: 실행 중

데이터베이스 접속

최대 데이터베이스 접속 수:

접속 공유: 설정 ☐ 해제 ☒

데이터베이스 사용자 이름:

데이터베이스 암호:

[저장](#) | [재설정](#) | [제거](#) | [일시 중지](#)

Web Application

□ web-to-go client

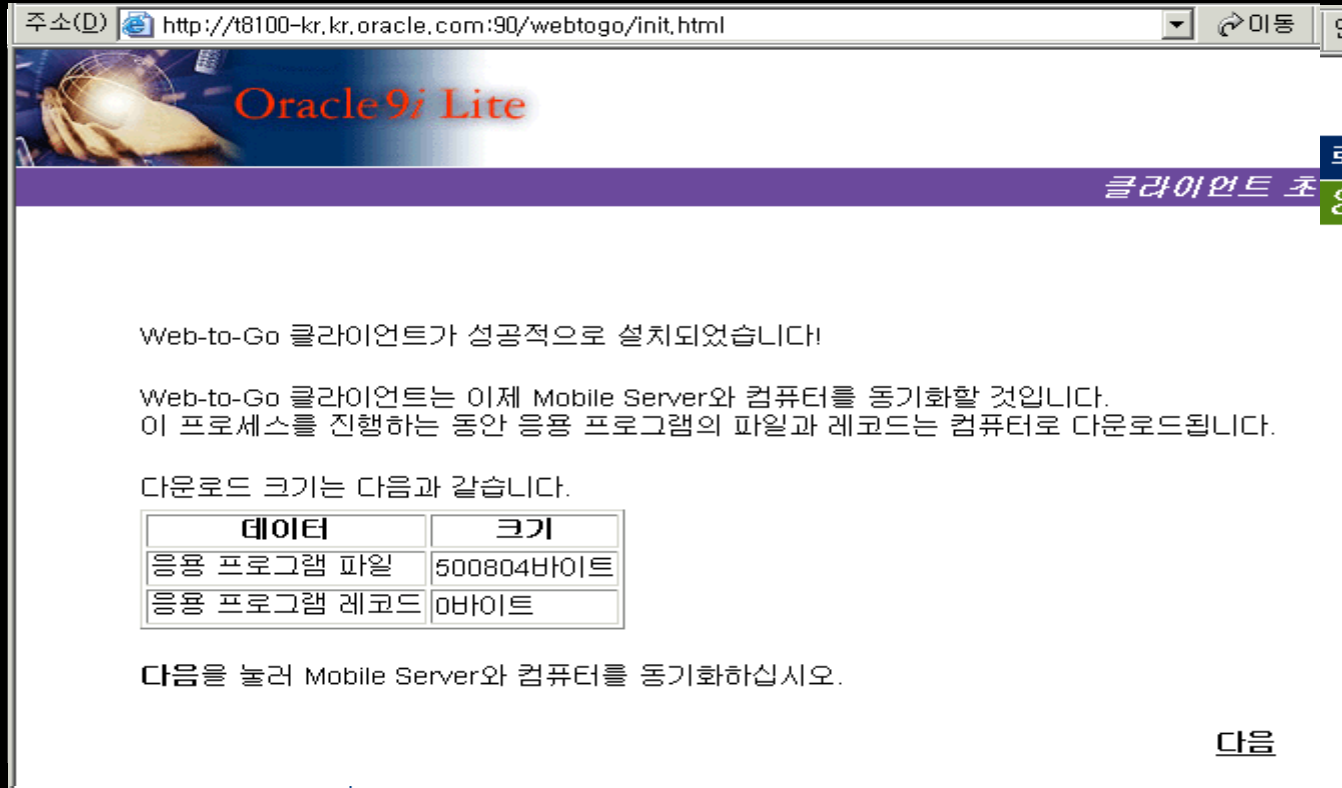
- http:// /setup

web-to-client

가

user

Offline



❑ Web-to-go

✓ DB server

- H/W
 - IBM x440
 - CPU: 4cpu x 2
 - Memory: 4GB
- S/W
 - Oracle9i E.E

✓ Mobile server

- H/W
 - IBM x255
 - CPU: 4cpu x 4
 - Memory: 4GB
- S/W
 - Oracle9iAS Enterprise

✓ Mobile Device

- H/W
 - WinCE PDA + Notebook



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