9iLite ezSync PDA

http://www.eztogether.com yjpark@eztogether.com

- Mobile e-Business
- → 기:?
- Mobile e-Business ?
- SyncML
- Oracle 9iLite
- 0
- PDA
- 0

#### Mobile e-Business



· 가 •

0

```
Mobile e-Business
        Mobile Portal, CRM ( , , , ), Remote Support
                , 가
                                         가
```

> SyncML , ezSync

DB Oracle 9iLite
Mobile Server

#### SyncML

PIMS 0 ActiveSync SDK, HotSync, SDK **Mobile** 가 가 PIMS SyncML org SyncML 2 (Erisson,IBM,Lotus 2000 **500** 

# SyncMLSyncML

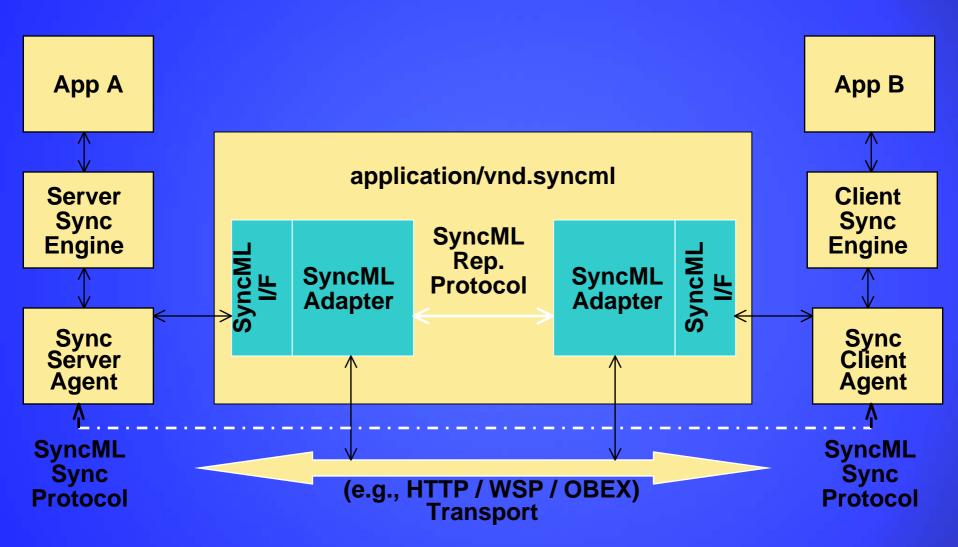
PIM , PIMS

9

가 Meta

Data Type	Content Format	Status
Contact	vCard 2.1	MUST
	vCard 3.0	SHOULD
Calendar	vCalendar 1.0	MUST
	iCalendar 2.0	SHOULD
Memos	Text/plain	MUST
Tasks	vTodo 1.0	MUST
E-mail	Message/rfc822	MUST
	Message/rfc2822	MUST
	Message/rfc2045	MUST

### SyncML



## SyncML Sync

-1

\_

next

> Last:

Next:

Last

Last , Slow Sync

2 Sync Anchor Last

가

가

#### Mapping Table

클라이언트 디바이스

클라이언트 데이터베이스

LUID	Data
11	홍길동
22	김말순
33	차인숙
44	김윌래

서버 디바이스

서버 데이터베이스

GUID	Data
1010101	홍길동
2121212	김말순
3232323	차인숙
4343434	김윌래

서버 맵핑 테이블

GUID	LUID
1010101	11
2121212	22
3232323	33
4343434	44

## SyncML Sync

**-3** 

> BASE64 MD5

> meta

(Freemem, Freeld)

## SyncML Sync

**- 4** 

9

```
ン
가
```

<final/>

#### Large

>

```
<MoreData/>
```

가

```
SyncML Sync
```

- 5

```
Two-way sync
```

```
• フト
```

```
•
```

- Slow Snc
  - Sync Anchor
- One-way Sync from Server/Client Only
- Refresh Sync from Server/Client Only
  - •
- Server Alerted Sync
  - <u></u> 가

## SyncML Representation-1

SyncML Representation

```
ŋ
                 가
Header
         Body
Header:
                               9
                                            9
Body:
                         Command
```

## SyncML Representation-2

SyncML

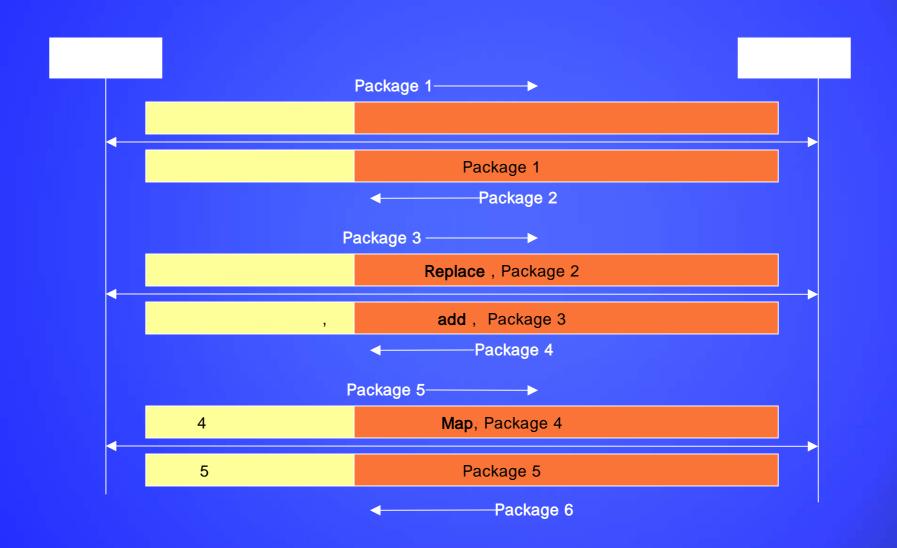
#### SyncML Representation-3

SyncML Command

```
: Add, Copy, Delete, Exec, Replace,
Search
: Sync
: Alert, Put, Get, Result
: Map
: Status
```

- SyncML meta
  - Anchor, Last, Next, FreeID , MaxMsgSize
  - Type, Format, Version

### SyncML Sync Session



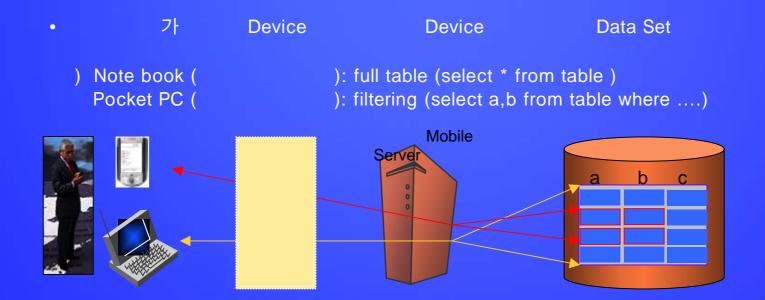
#### **Oracle 9iLite**

-1

Oracle 9iLite ?Mobile Device Infrastructure.

가 가

- ✓ Infrastructure = 9iLite DB + Mobile Server + Developing + Packaging + Deploying
  - Mobile Server
  - Mobile Development Kit (MDK)
  - 9iLite Footprint Database



#### **Oracle 9iLite**

-2

- Mobile Server
  - ✓ Oracle9*i*AS Module 가
  - ✓ device Bootstrap Server
    - users and application
    - user , group application Data

"

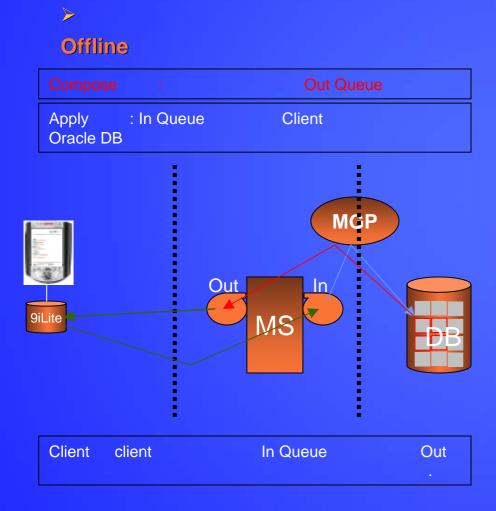
- Server Status
- MGP
- Data Subsetting
- ✓ Mobile Web Applications (Web-to-Go) Online Server
- ✓ End-to-End
  - JDK 1.3, oracle 8i

- Windows 95, 98, NT, 2000, ME
- Windows CE 2.0, 2.01, 2.02
- Pocket PC 3.0
  - •Chip Sets: SH3, SH4, MIPS, x86
- Palm OS 3.0, 3.5, 4.0 & POSE
- EPOC 5

#### Oracle 9iLite

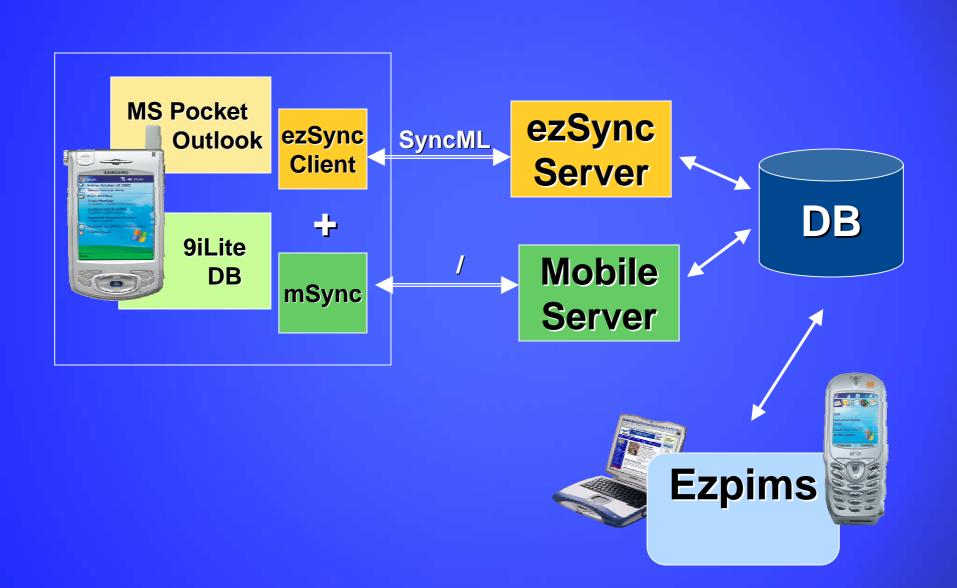
**-3** 

Mobile Server (



#### Asynchronous

Publication and Subscription model
-client snapshot snapshot (Publication) , Client mobile user Mobile user (Subscription) snapshot .
Transport Independent (application Layer HTTP protocol )
User Device Data set
Fast Refresh and Complete Refresh
Compression Support(zlib )
SSL Encryption Support
(Server win/ Client



### PDA

#### PDA

```
    PDA
    PIMS (MS Pocket Outlook)
    ( )
    WEB
    EzPims ( )
```

