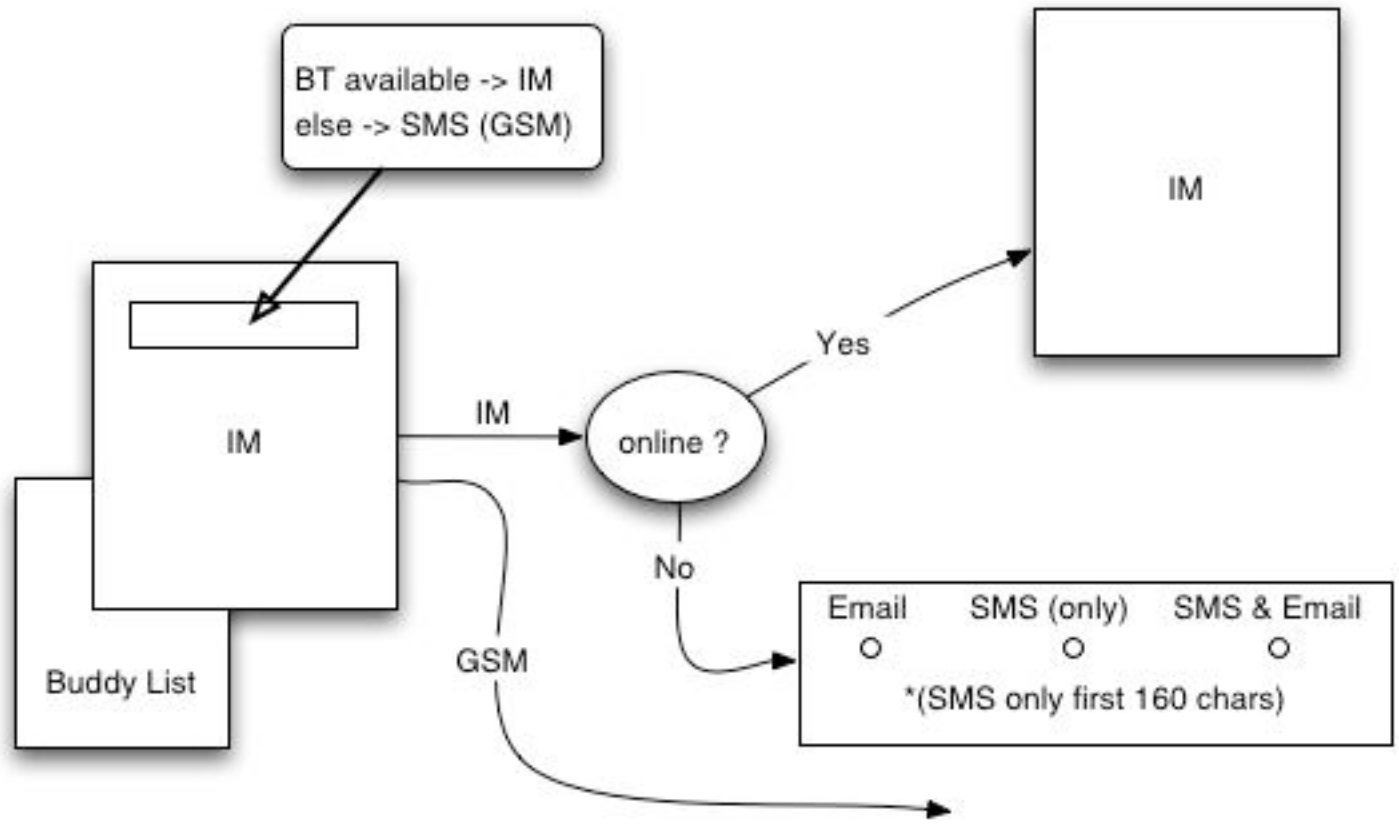
Jadabs-IM Group

Janneth Malibago - François Terrier - Jean-Luc Geering

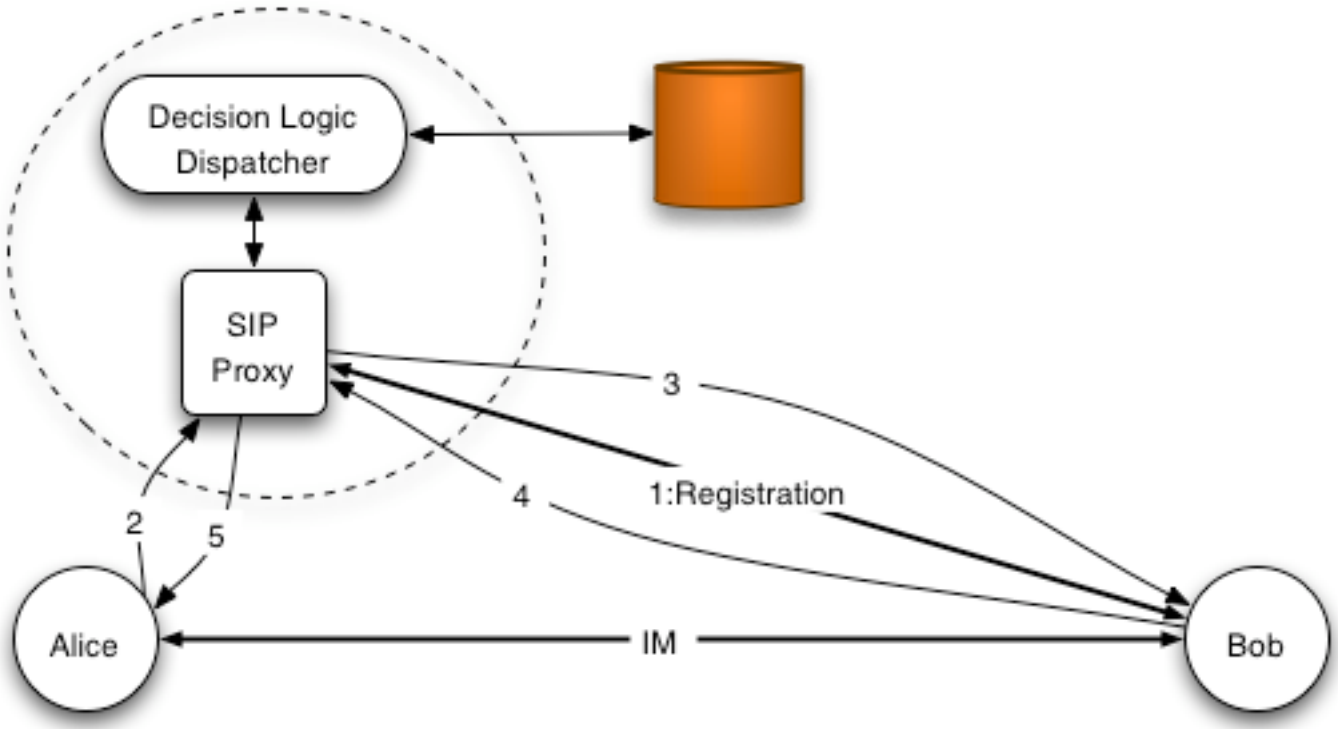
Alice

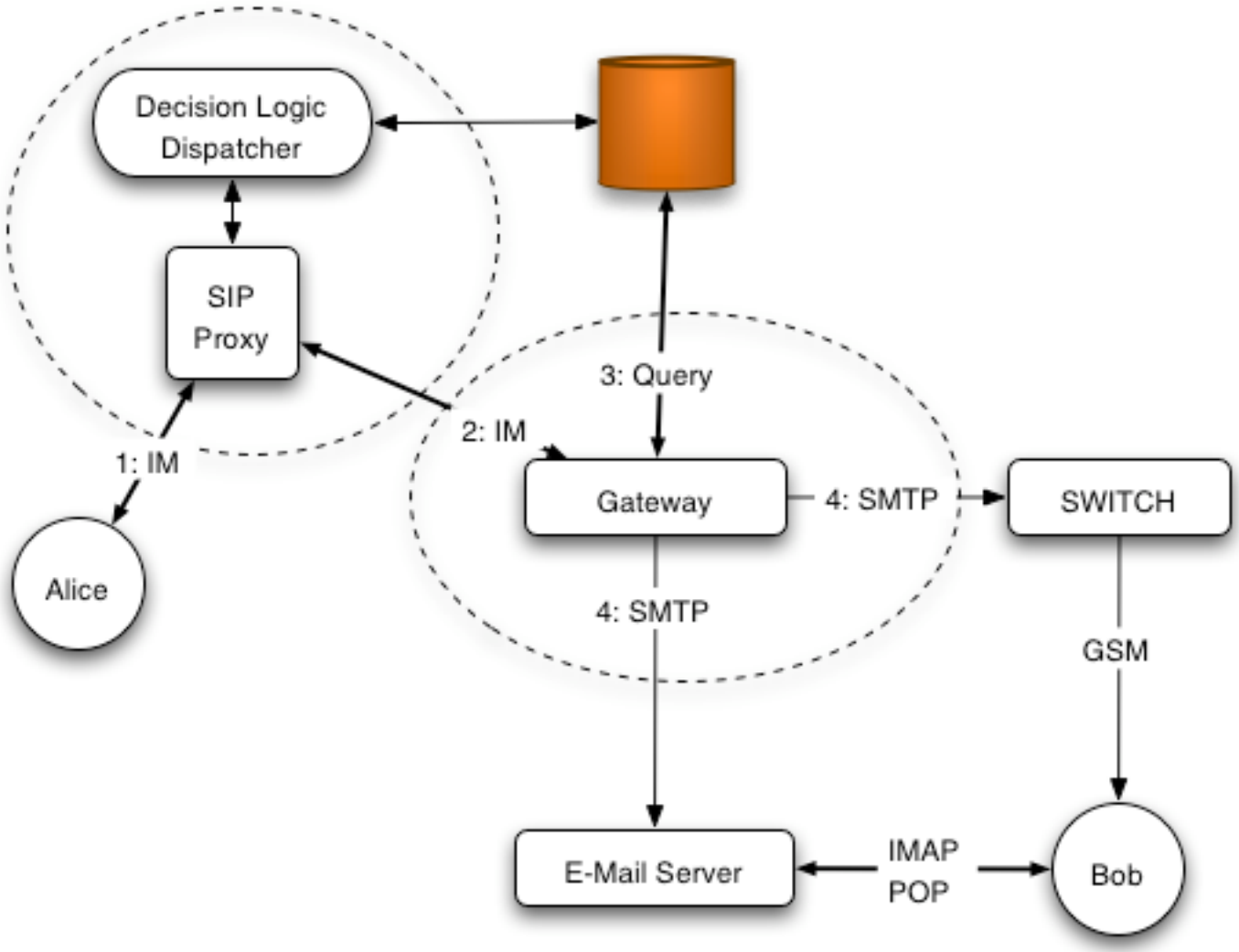

BT available -> IM
else -> SMS (GSM)
IM
IM
Buddy List
IM
online ?
Yes
No
GSM
Email
SMS (only)
SMS & Email
*(SMS only first 160 chars)

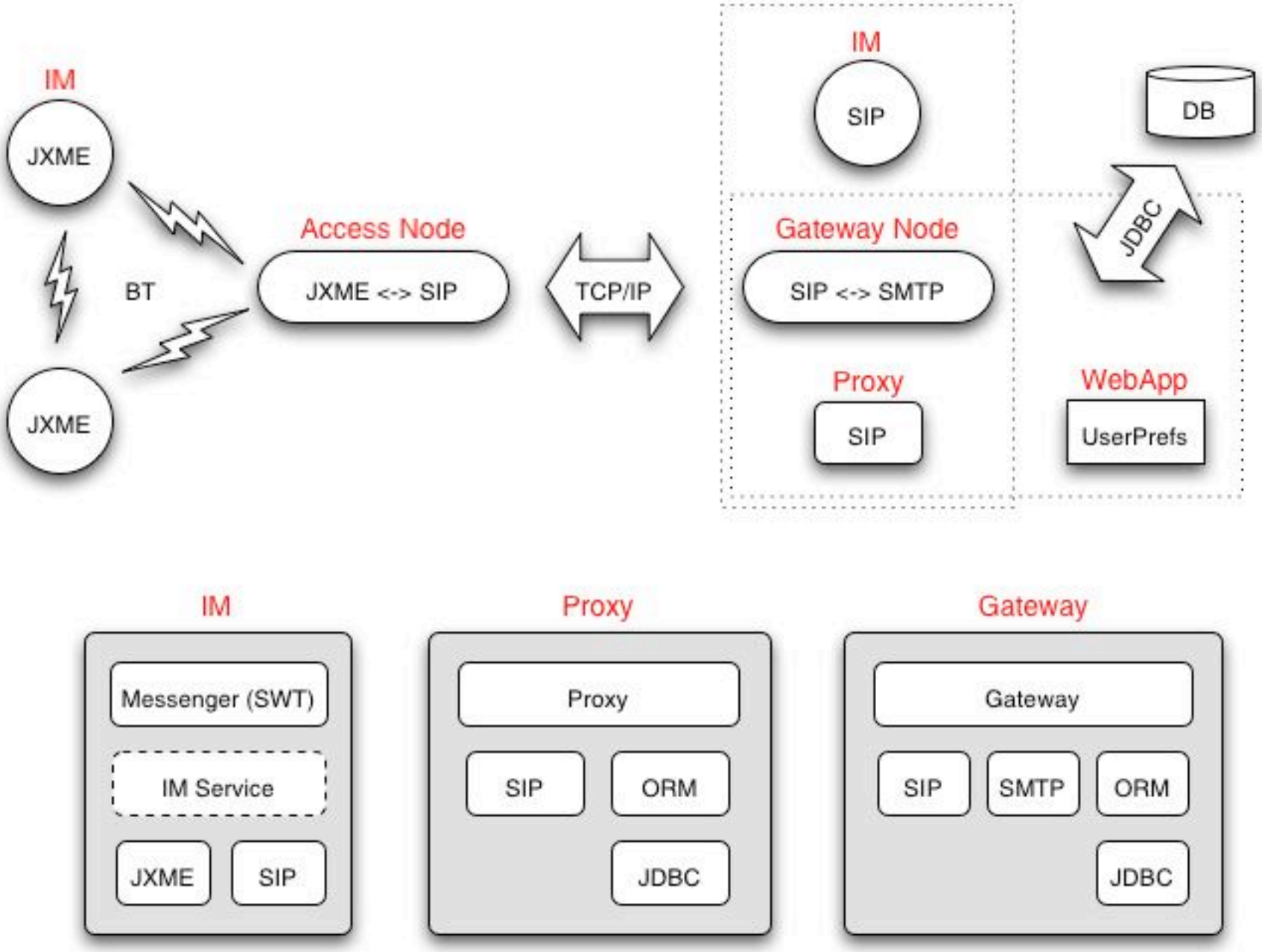
Bob

Messenger

- GUI for PC, PDA, Mobile Phone
- Two Implementations
  - JXME
  - SIP
- Everything is an OSGi bundle
- Windows Messenger Compatibility


Decision Logic
Dispatcher
SIP
Proxy
3
1:Registration
4
2
5
Alice
IM
Bob


Decision Logic
Dispatcher
SIP
Proxy
1: IM
Alice
2: IM
3: Query
Gateway
4: SMTP
SWITCH
4: SMTP
GSM
E-Mail Server
IMAP
POP
Bob


IM
JXME
JXME
BT
Access Node
JXME <-> SIP
TCP/IP
IM
SIP
Gateway Node
SIP <-> SMTP
Proxy
SIP
DB
JDBC
WebApp
UserPrefs
IM
Messenger (SWT)
IM Service
JXME
SIP
Proxy
Proxy
SIP
ORM
JDBC
Gateway
Gateway
SIP
SMTP
ORM
JDBC

Who did what

- GUI's => Janneth
  - Mutliplatformation
- IM implementation => François
  - SIP
- Backend => JL
  - Sip Proxy - Version 1, 2, 3

Demo

Misc

- Log4j
- SIP
- OSGi
- MobPho, iPaq
- Maven
- Team?Work
- Setup

Tipp's

- Multiplatform : Know the limits
- java.utils.Properties <> XML config file
- SWT <> Swing
- Subversion <> CVS

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