

Collaborating with OSS communities

SRA OSS, Inc. Japan

Agenda

- PostgreSQL is “world’s most advanced open source database”
- Very popular among world-wide users especially in Japan
- OSS collaboration case studies on PostgreSQL
 - The community
 - Collaboration examples

PostgreSQL development community

- PostgreSQL Global Development Group
 - core members and major developers
- Core members
 - 7 core members
 - Highly skilled developers
 - Advocacy activities
 - Support for development infrastructures
 - Mailing lists, CVS...
- Major developers
 - 20-30 developers
 - some developers have commit rights



PostgreSQL user community

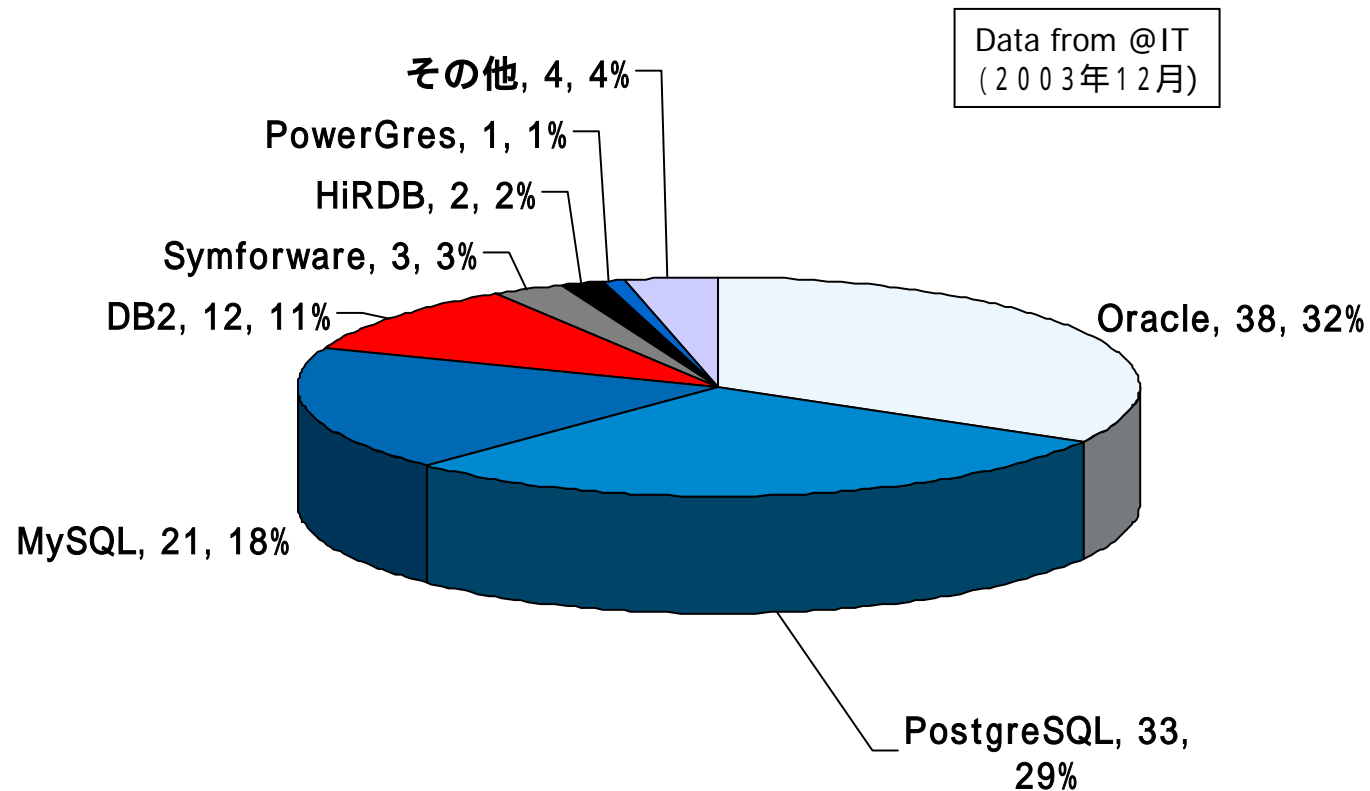
- Regional user communities (in 12 countries including Japan)
- Probably the largest user community is in Japan

Japan PostgreSQL Users Group(JPUG)

- Non-profit organization established in 1999
- has 2856 members (as of 2006/4/10)
- has 18 sponsor members
 - Fujitsu, NEC, NTT group, SRA OSS, Inc. etc.
- community support for Japanese using mailing lists
- Document translation
- Seminars
- Publishing



PostgreSQL and other DBMSs usage on Linux systems in Japan



SRA OSS, Inc.

- PostgreSQL and other OSS related business
 - Packages: PowerGres
 - Based on PostgreSQL
 - Comes with GUI tool
 - PostgreSQL support
 - Providing high-level support
 - Certification
 - PostgreSQL CE
 - World wide (Japanese and English)
 - Training

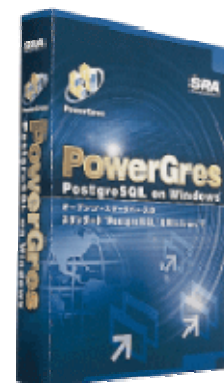


Helping PostgreSQL community

- Helping JPUG in various areas
 - Financial support
 - JPUG office/clerk
 - Presentation in seminars hosted by JPUG
 - “PostgreSQL conference 2006” in Tokyo
 - ~100 audiences

Collaboration example: PowerGres

- PowerGres
 - commercial database based on PostgreSQL
- Ported to Windows
 - Until 2003 PostgreSQL was not available on Windows
- Techniques on porting to Windows were contributed to PostgreSQL community
- PostgreSQL community version for Windows released on 2004



Other case studies

- Bug/security fixes
 - Data loss problem was reported from a PostgreSQL support customer. We worked with a payed consultant and sent the fix to community(1999)
 - We found a DoS attack possibility with PostgreSQL running on Windows and reported to core members then version was released(2006)
- Internationalization
 - Key feature for Asian users
 - Code for i18n has been contributed since 1998

Conclusion

- Collaboration between OSS communities and business entities is key for OSS future

