

The PostgreSQL community

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Magnus Hagander

- PostgreSQL
 - Core Team member
 - Committer
 - PostgreSQL Europe
- Redpill Linpro
 - Infrastructure services
 - Principal database consultant



PostgreSQL

- You know the database
- But what makes it happen?
- And how can you help?



PostgreSQL is different

- No company **owns** the product
- No company **controls** the **development**
 - Many companies **involved** of course!
 - As well as individuals
- Driven by community **cooperation**



Bigger than PostgreSQL

- Community **bigger** than product
- **Ecosystem** around central core
 - Addons
 - Management
 - Services
 - “Community”

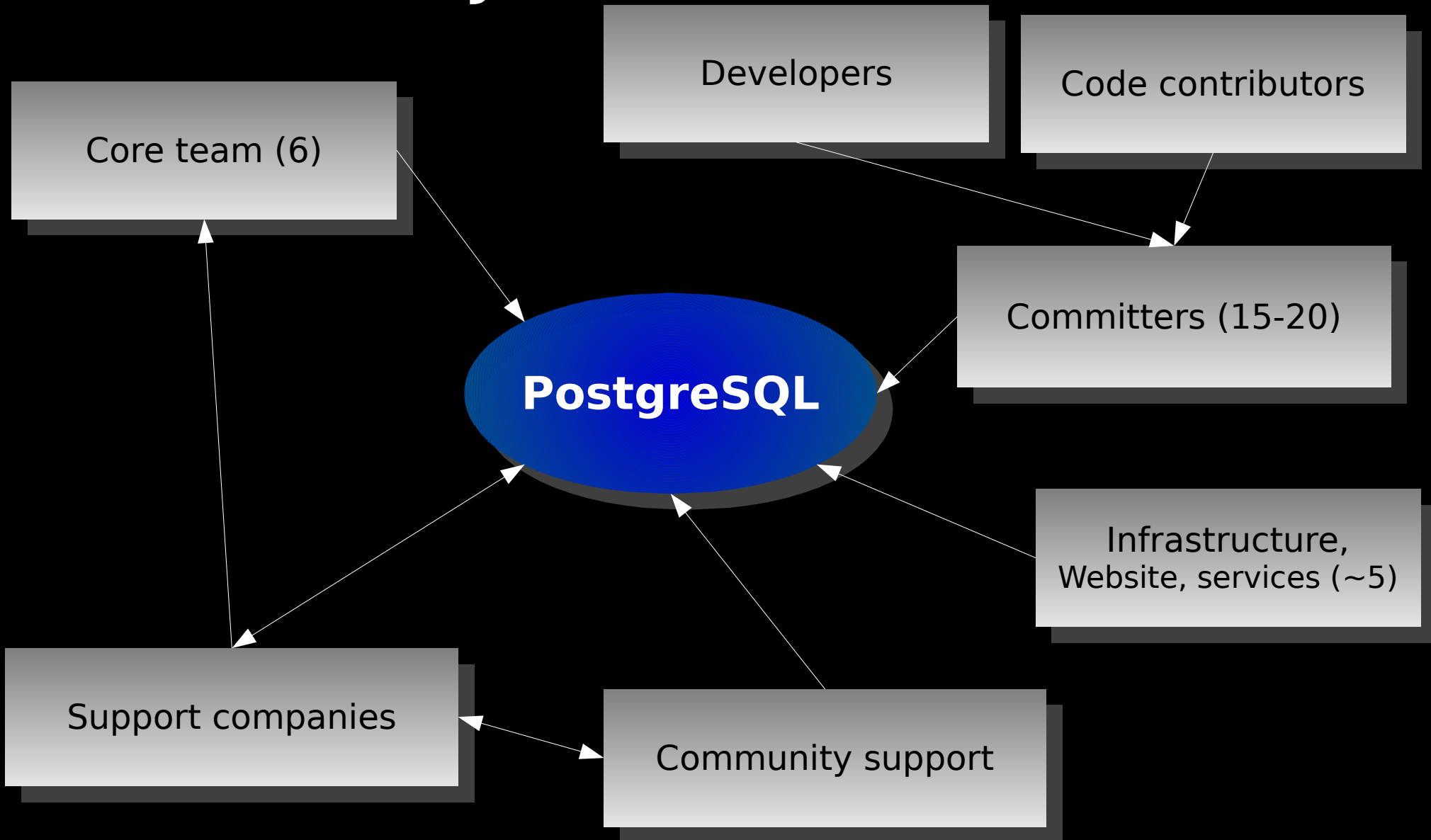


Core PostgreSQL

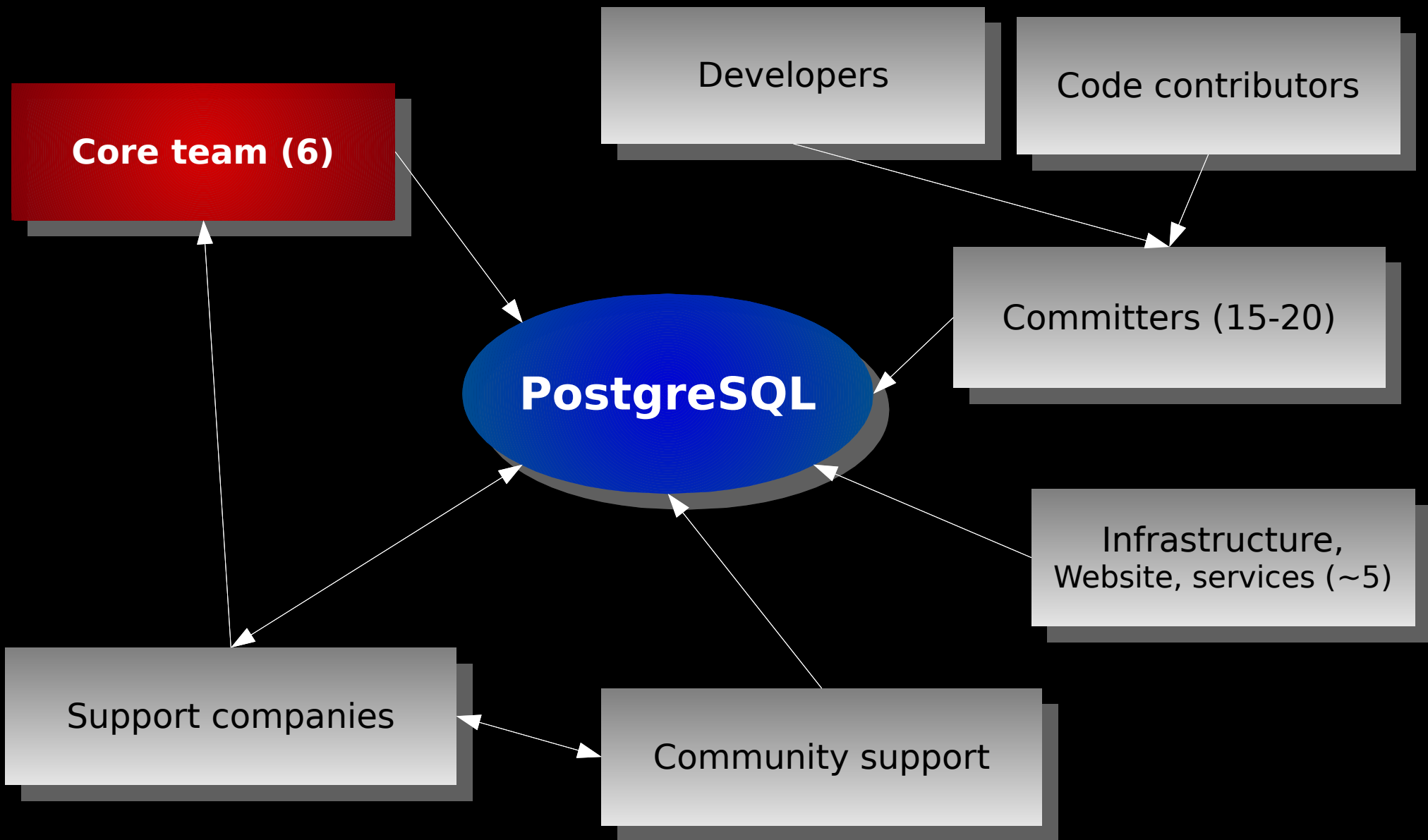
- Many parts in just this
- Technical and non-technical
- Companies and individuals



Project overview



Core team

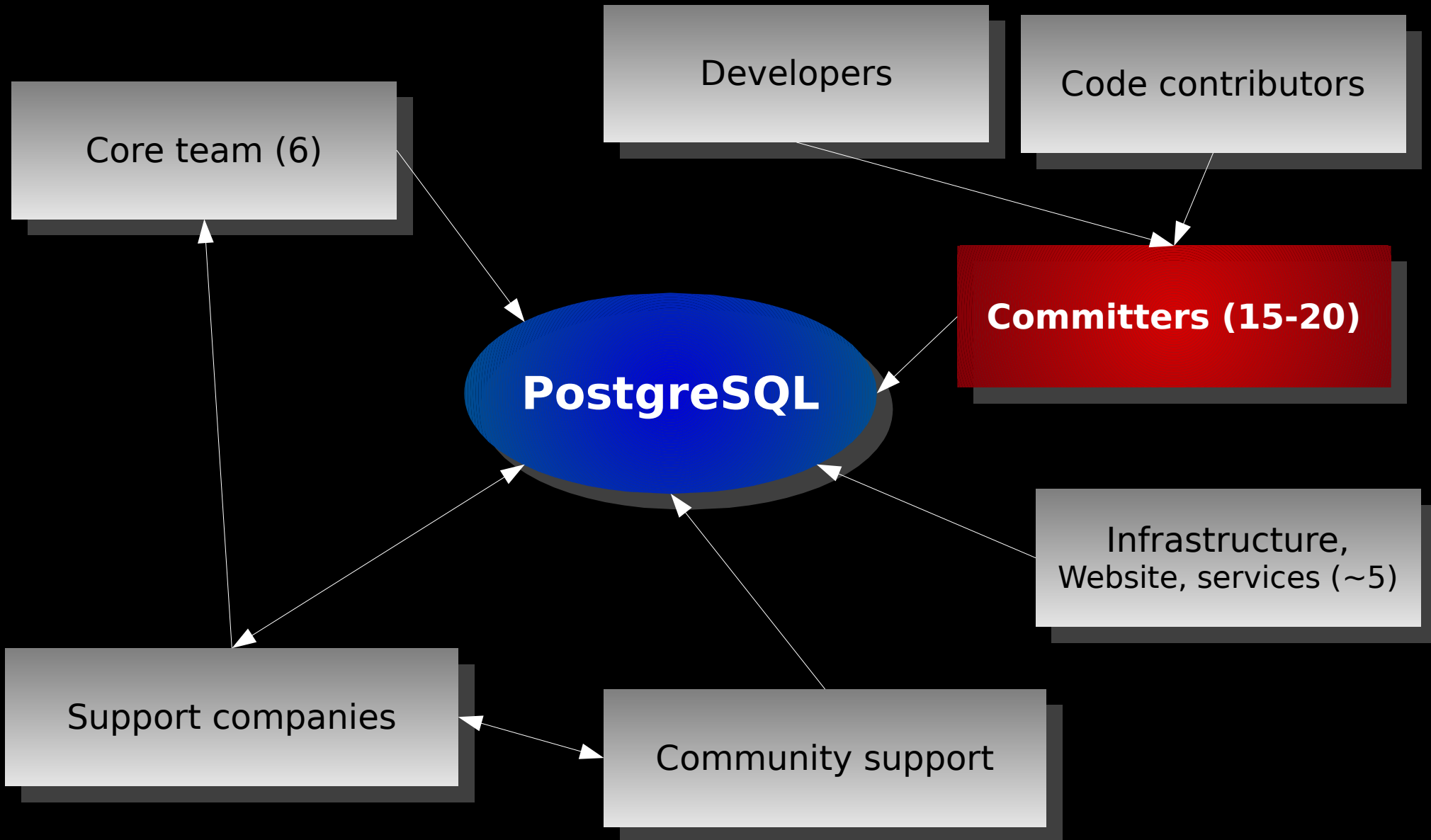


Core team

- “Steering committee”
- Generally no technical decisions
- Scheduling
- Policies



Committers

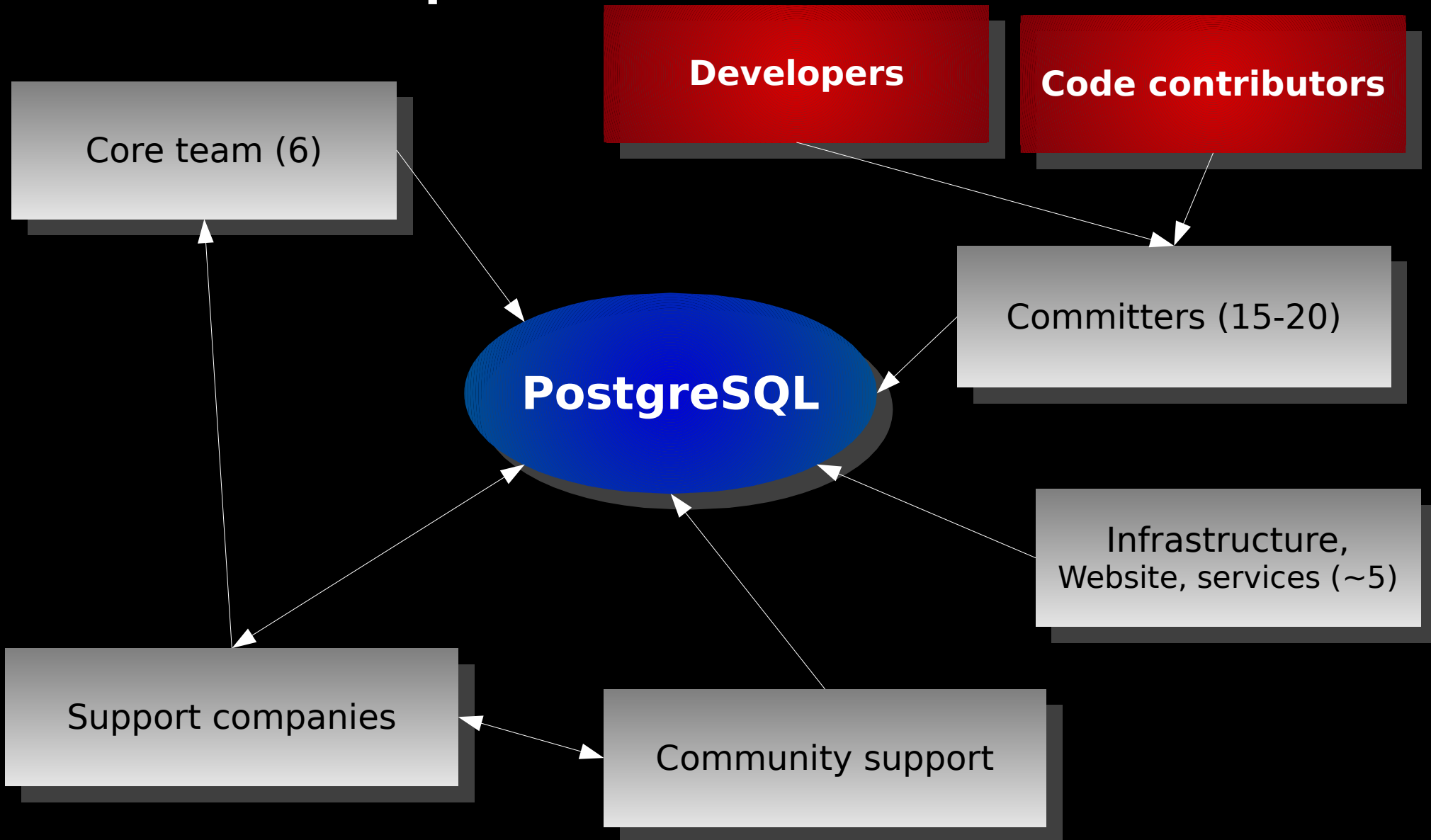


Committers

- “Gatekeepers” of the code
- All code approved by committers
 - Only people with “git push” permissions
 - Functionality, coding standards, etc
- Also `develops` own code
- Both new features and bugfixes
- In theory, no “subsystem committers”



Developers & contributors



Developers & contributors

- Coders
 - Writes code for new functions or fixes
 - Reviews other peoples code

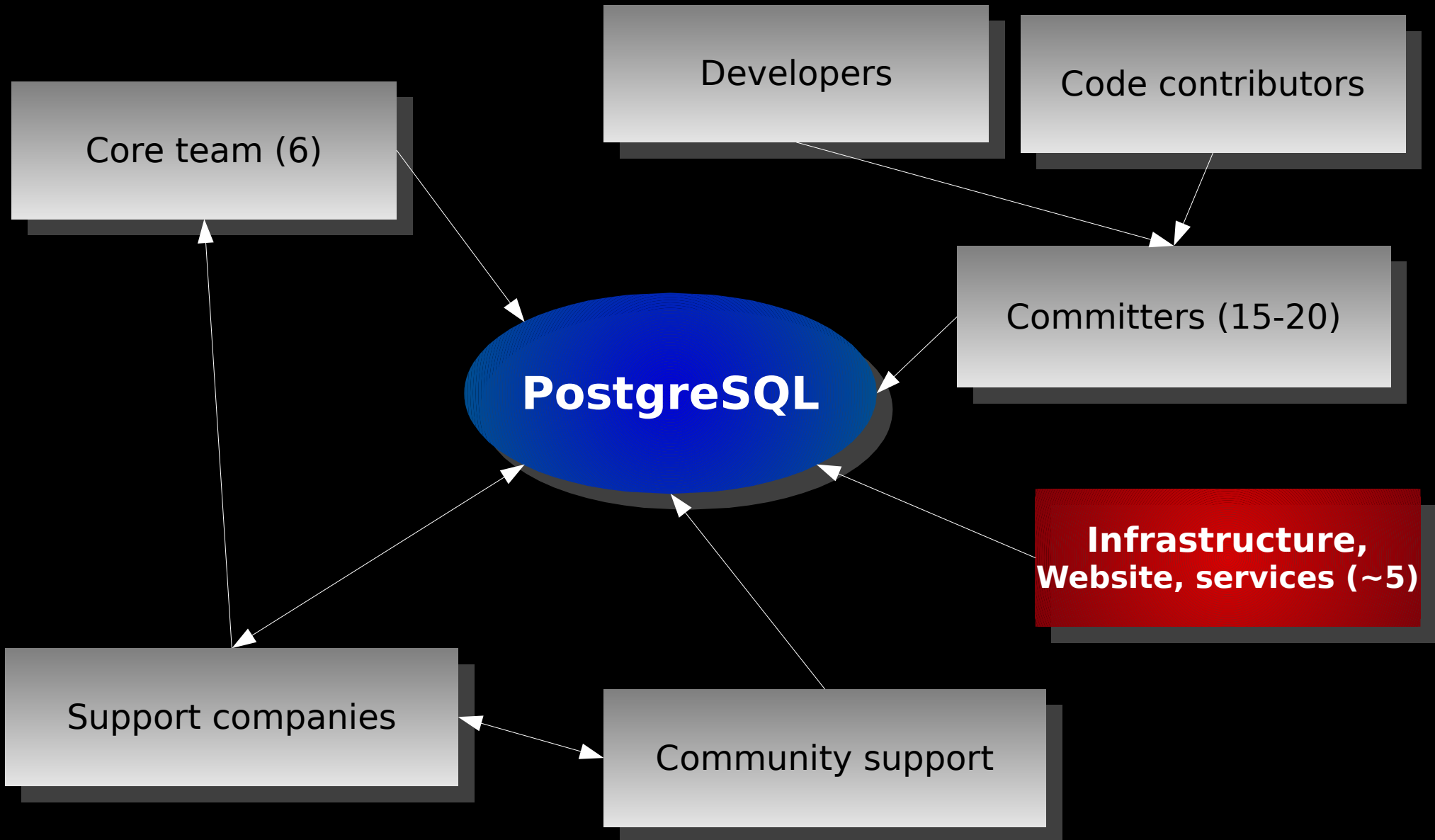


Developers & contributors

- Coders
 - Writes code for new functions or fixes
- Documentation
- Testing
- Benchmarking
- Feature design/architecture



Infrastructure

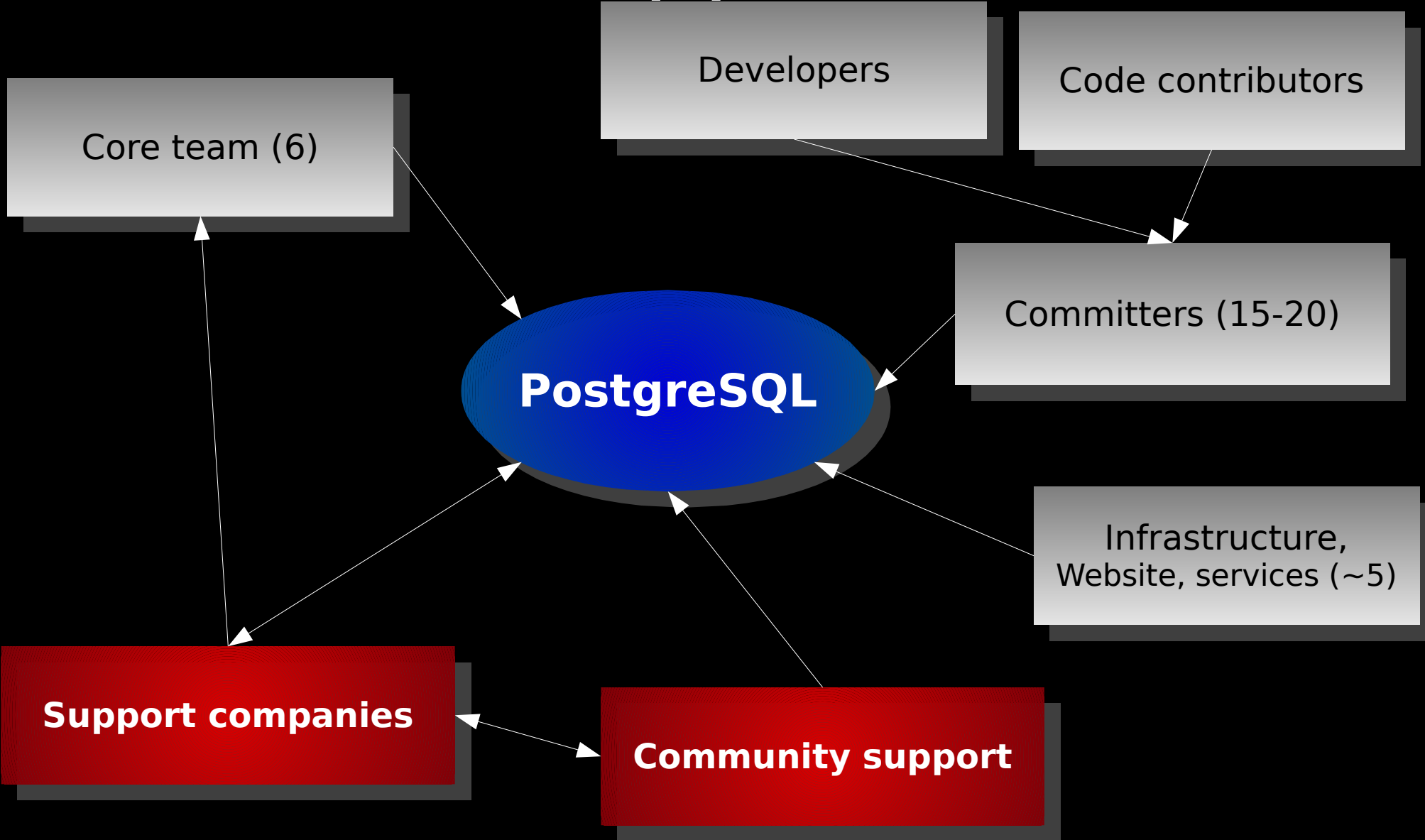


Infrastructure

- PostgreSQL.org runs it's own infrastructure
- Servers (~50, geographically distributed)
- Project service
 - Website, wiki
 - Mailinglists, archives
 - Source repository, services
 - etc



Support



Support

- Free community support
 - Mailinglists
 - IRC
 - Web forums
- “Core” support in English
- Language-specific
 - Some region-specific as well



Support

- Commercial support services
- Local or global companies
- **SLA** guarantees
- Confidentiality **guarantees**
- Custom development, etc



Support

- Community or commercial?
- **Cooperation**, not competition
- Both have clear usecases
- Many providers participate in **both**



Other teams

- Security
- Advocacy/Press
- Conferences
- ... etc



Zooming out



PostgreSQL



Zooming out

phpPgadmin

JDBC driver

PgAdmin III

npqsql

PostgreSQL

pgpool

psycopg2

skytools

slony



If you want to help

- Developing
- Translating
- Community building
- Marketing



Developing

- Start somewhere **easy**
- Start somewhere **comfortable**
- Start by reading
- Then into **talking**
- Then into coding



Translating

- Main project is entirely in English
- Translation increases **local reach**
- Software translation to **13 languages**
 - Including Japanese! (of course!)
- **Documentation** translation
 - No official project
 - Good examples: .fr, .jp



Community building

- Open Source version of **marketing**
- Start a **usergroup!**
 - Meet for no specific reasons!
 - Share experiences in PostgreSQL
- **Invite yourself** to other usergroups
 - php, java, python, ruby etc
 - **Teach** them about PostgreSQL



Marketing

- Just spread the word
- Write an article?
- Blog!
- **Encourage** support in other products
 - Open or proprietary!
- Share details about **your** projects
- Have someone help you **translate**?



In summary

- YOU are PostgreSQL
 - The community is much bigger than the product
- YOU can contribute
 - It's not rocket science!
 - (Though we have some rocket scientists!)
- Come talk to us!



Thank you!

Questions?

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