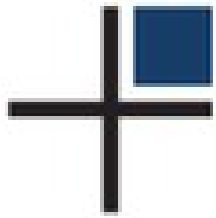


# Barman & repmgr

Gianni Ciolli

London PostgreSQL Meetup  
22 April 2015

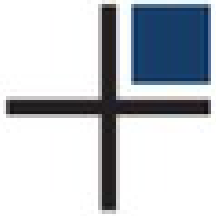


# Notice

The research leading to these results has received funding from the European Union's Seventh Framework Programme (FP7/2007-2013) under grant agreement n° 318633.

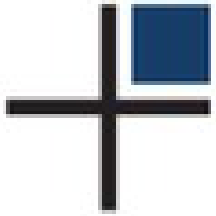
Seventh Framework Programme  
FP7/2007-2013

Communications Networks, Content & technology



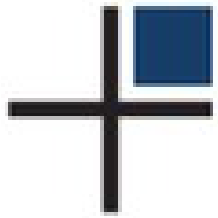
# Barman

- Disaster Recovery software
- Open source (GPL)
- Current version: 1.4.0
  - Released on 16 April 2015
- <http://www.pgbarman.org/>



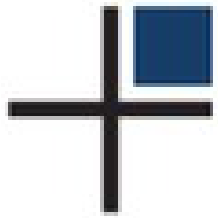
# Some Barman Features

- `.ini` Configuration File
- Configuration Overrides
  - Per user
  - Per server
- Retention Policies
- Monitoring
- Incremental Backup
- Backup from Standby



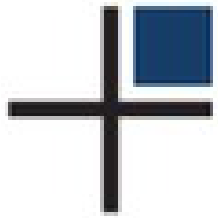
# Some Barman Futures

- Copy Methods
  - tar, pg\_basebackup
- Storage Strategies
  - tar, S3
- Backup Compression and Encryption
- Geo-Redundancy
- Import/Export
- ...



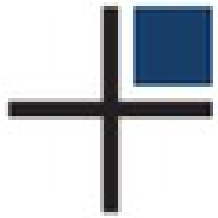
# repmgr

- Clusterware for PostgreSQL replication
- Open source (GPL)
- Current version: 3.0.1
  - Released on 26 Jan 2015
- <http://www.repmgr.org/>



# Some repmgr Features

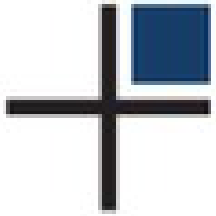
- Monitoring
- Automatic Failover
- Base Backup with rsync **or** pg\_basebackup
- Follow without restart
- Supports Cascading Replication
- Supports Replication Slots
- Event Logging and Commands



# Some repmgr Futures

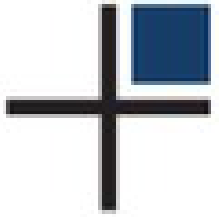
- Integration with Barman
- Integration with PgBouncer
- One-line, standby-driven switchover





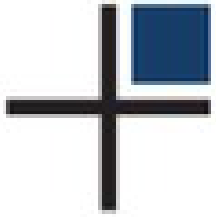
# Barman & repmgr

- Works right now!
- Different tools for different use cases
- Disaster Recovery: must have it!
- High Availability: nice to have
- Install Barman first, then add repmgr



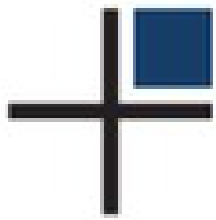
**And now...**

Questions?



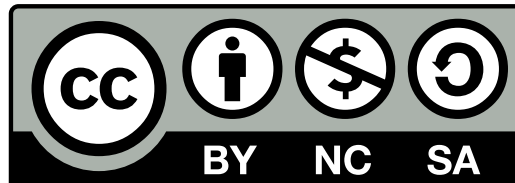
**And then...**

Thank you!



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