PostgreSQL Database Clustering with Slony

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Slony - Introduction

- Add-on to PostgreSQL
- A Debian Package
- Master – slave replication
- Asynchronous replication
Slony - Implementation

IVR → DB_Store_A → DB_Store_B → DB_Store_C

IVR → DB_Store_A
Slony Server Organization

- User Tables
- Slony Tables
- Slony Stored Procedures
- Slon Daemon
Slony Cluster Processing

Master

usertable.logtrigger

sl_log_[12]

Slon daemon

Slave

usertable.denyaccess

sl_log_[12]

Slon daemon
Slony Cluster Administration

- Slonik
- PgAdmin III
PgAdmin III
PgAdmin III - Failover

Create replication set Test Set.

ECT "_AtoB".storeset(1, 'Test Set');
PgAdmin III - Failover
PgAdmin III - Failover

Set Test Set

Properties | SQL
---|---
ID | 1 - Test Set
Target Node | 2 - Slave Node

Please select node to move this replication set to.
Slony – After Failover

IVR

DB_Store_A

DB_Store_B

DB_Store_C
Slony

Any Questions?