

www.PostgreSQL.org

クラウド Watch

PostgreSQL 9.0がリリース、ホット・スタンバイ機能などが利用可能に



記事検索

検索

最新ニュース

[2010/

BT APA

ア デー1

PostareSQLグローバル開発グループは20日、オープンソースのリレーショナルデータベース新版「PostareSQL 9.0」をリリース したと発表した。「ホット・スタンバイ」「ストリーミング・レブリケーション」などの機能が追加されている。

新機能のうちホット・スタンバイを利用すると、従来の「ウォーム・スタンバイ」では、参照・更新などの作業ができなかった待機





グ)を、ファイル単位ではなく操作

Focus > クラウド 仮想化 IFRS 超上流

ニュース 特集 解説 インタビュー

People Assisting Peop

の神髄は、 を超えたそ My there る」---B*

未ログインです クラウド戦

>>ログイン ■FMCジャル >>슾물광윺

やVMware

らなる活用

Site Information CLARiX/C

サイトマップ

ITproとは

MylTproとは

会員登録・変更

メルマガ

RSS

Twitter

携帯サイト

お問い合わせ・ご意見

オープンソース/Linux

情報システム▼ ネットワーク▼ セキュリティ ソフト開発▼

Information System ITpro > 情報システム > オープンソース/Linux

ユーザ会

アシストについて

情報システムのトピックス

-PR-

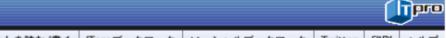
:1日

スト

報部

- 《最適》が選べる。ラインナップを強化した富士通のブレードサーバ
- どこまでできる? サーバー標準ツールで≪Hyper-V≫を運用管理!
- ご存知ですか?ストレージのコスト削減&性能向上を劇的に実現する方法
- 年中無休のサーバー管理者へ!≪遠隔管理≫で自分の時間を取り戻そう!
- グリーンITは今や、IT部門が取り組むべき最も重要な課題の一つに

ニュース



コメントを読む/書く ITproブックマーク ソーシャルブックマーク Twitter 印刷 ヘルプ

PostgreSQL 9.0リリース、ホット・スタンバイ やレプリケーションを標準装備

記事一覧へ >>

株式会社アシスト(本社:東京都千代田区、代表取締役:ビル・トッテン、以下アシ スト) は、オープンソース・ソフトウェアのデータベース・システム「PostgreSQL」の 新バージョン9.0に対応した各種支援サービスを本日より開始します。

罰セミナーのお知らせ

□ 資料請求お問い合わせ





- ₩ 会社情報
- → 会社概要
- → 所在地一覧
- → 事業内容
- → 企業理念

Database

PostgreSQL 9.0 Adds Replication Technology to Open-Source Database

By: Brian Prince 2010-09-20 Article F





PostgreSQL 9 Advances Database Replication

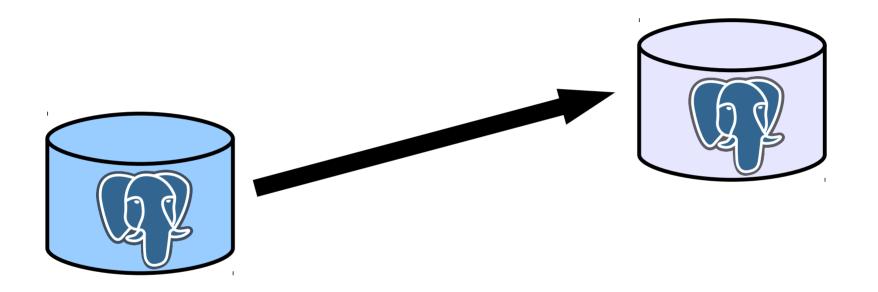


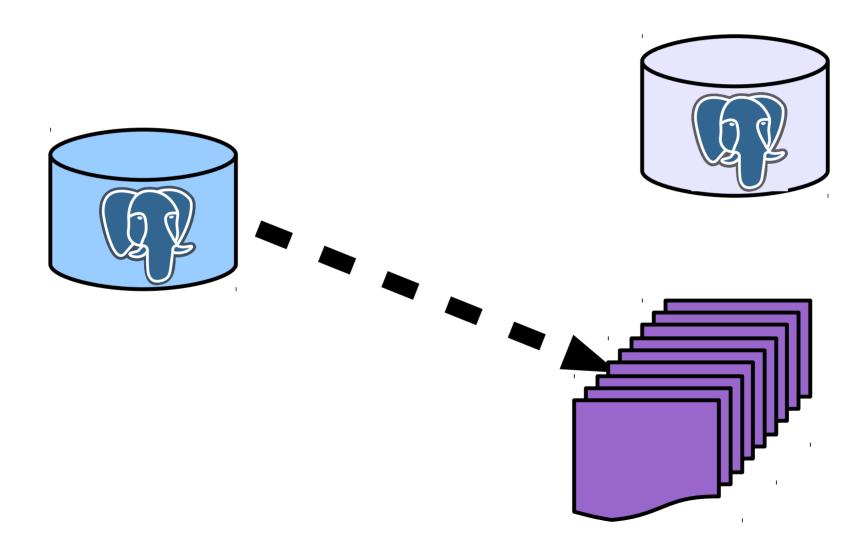
PostgreSQL come Oracle 11g con le funzionalità di replica in streaming e Hot Standby

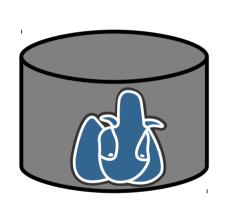
Pubblicato il 13/07/2010 | da Ingrid Marson

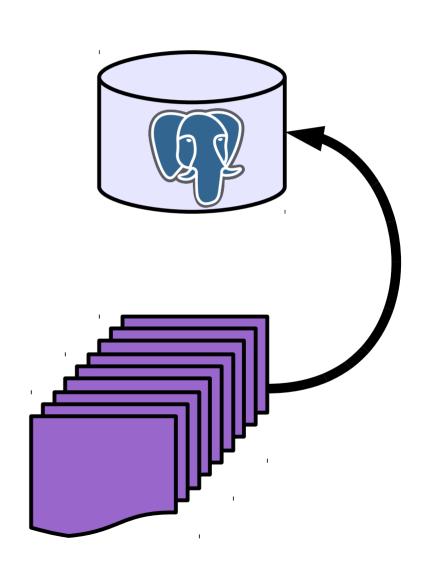
La prossima versione del database open source PostgreSQL, la cui uscita

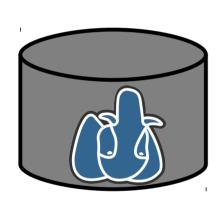


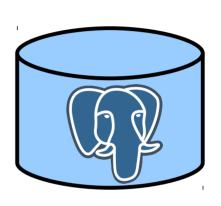




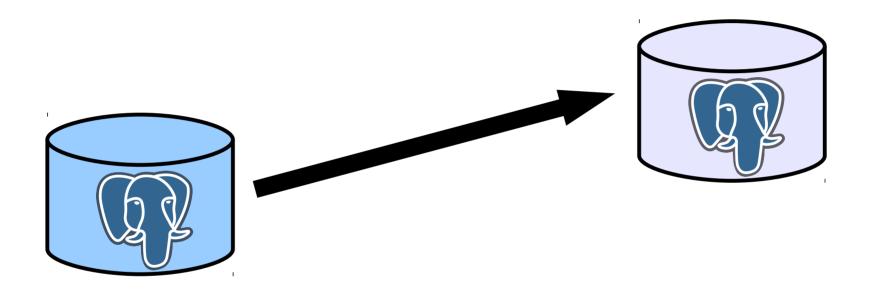


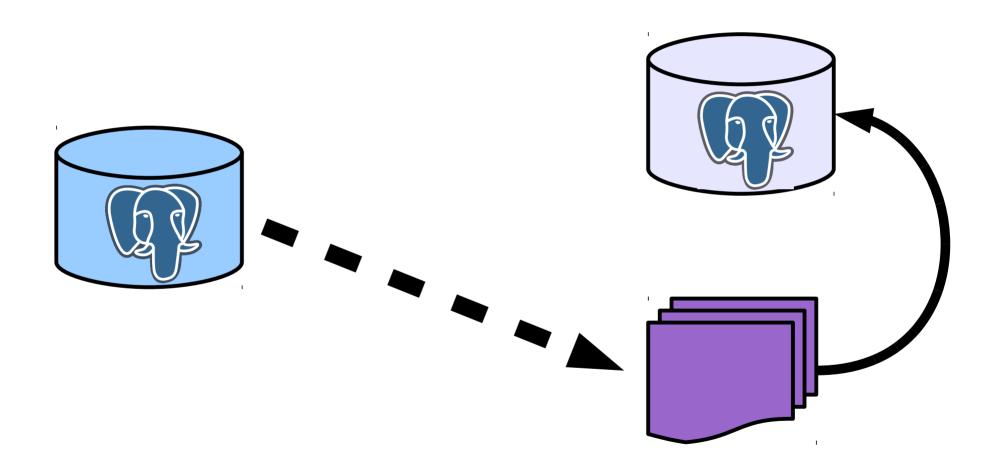


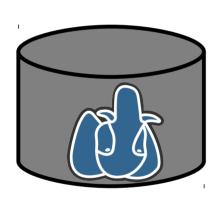


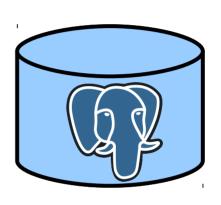


10 minutes to hours

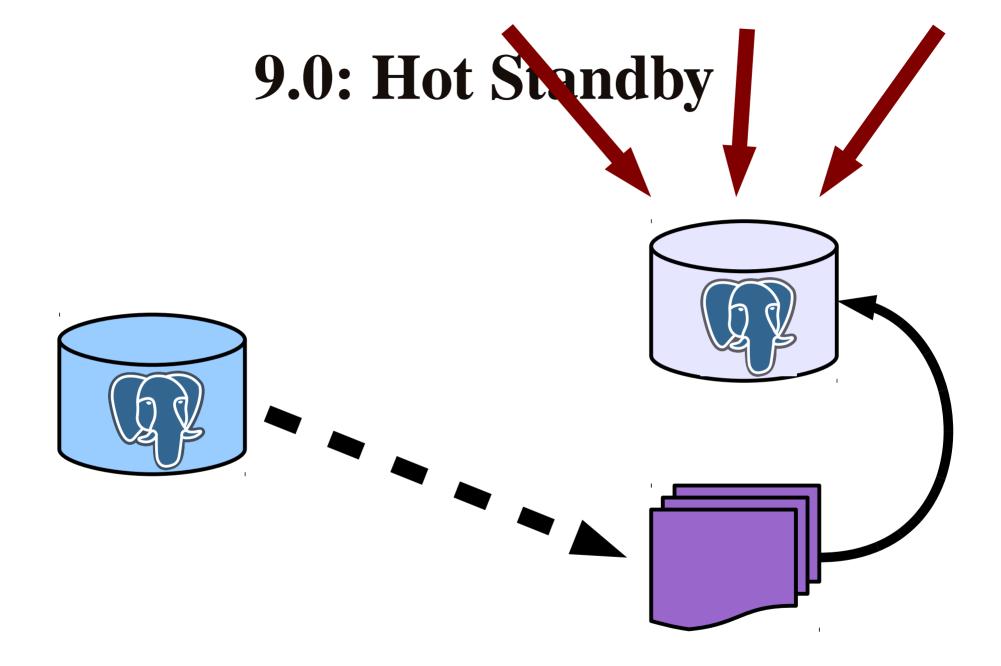






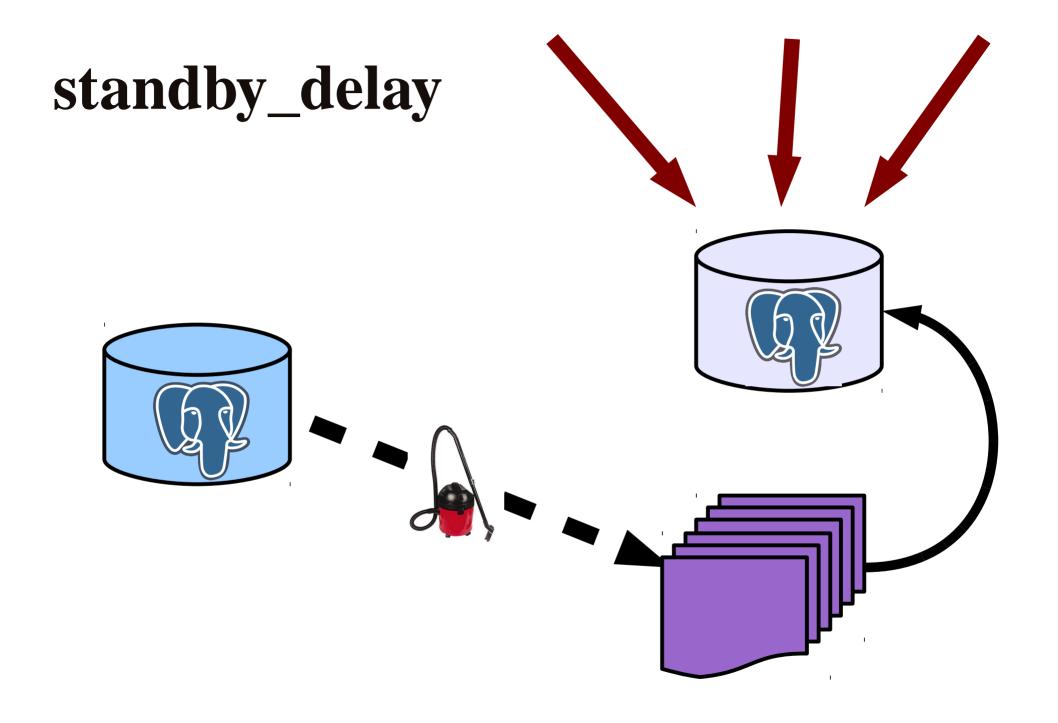


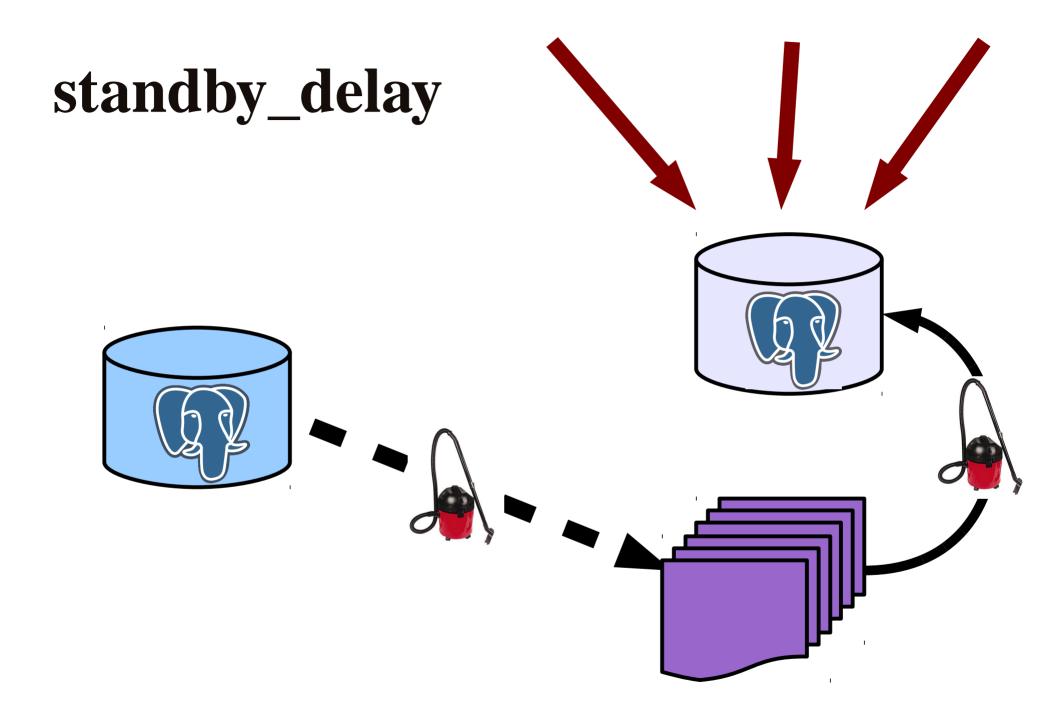
seconds to minutes



Problems with Hot Standby

Problems with Hot Standby





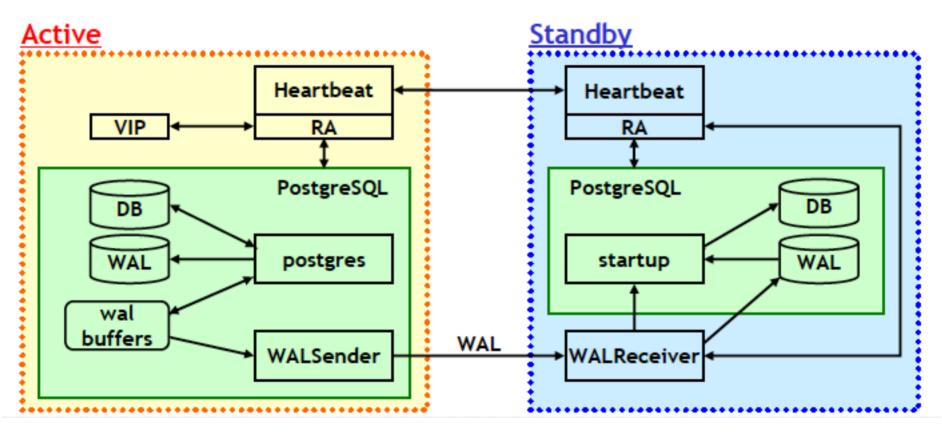


different problems

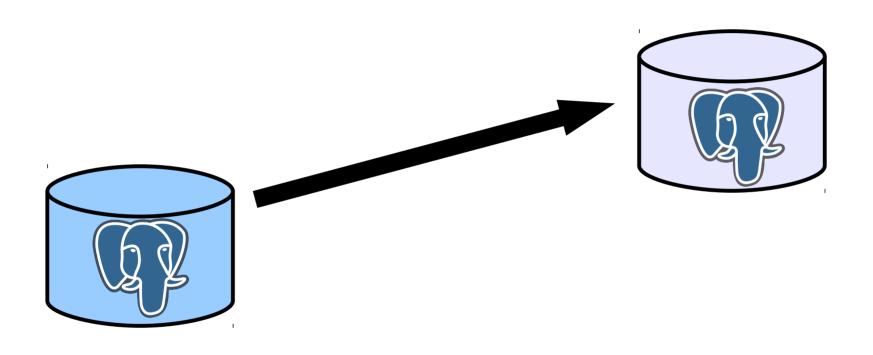
- 1. Zero data loss
- 2. Seconds of downtime (or less)
- 3. Single-node performance
- 4. Scalability: not important



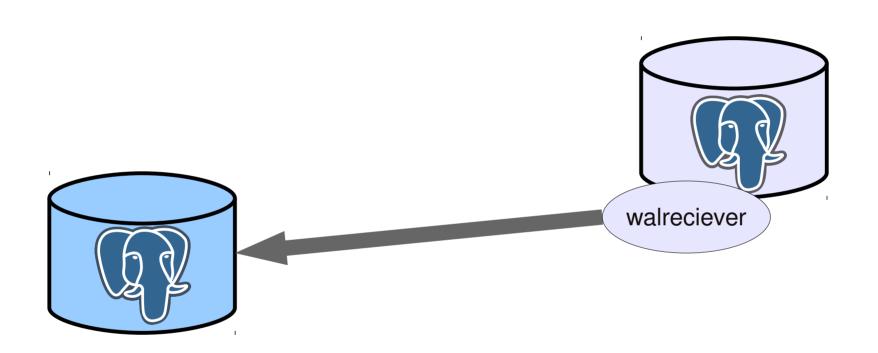
pgCon 2008: Synchronous Log-Shipping Replication



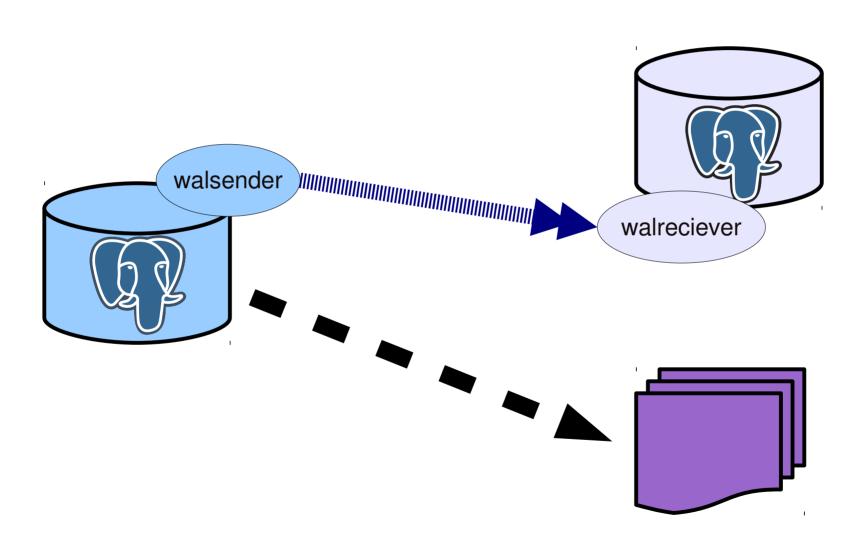
after 18 months: "streaming replication"

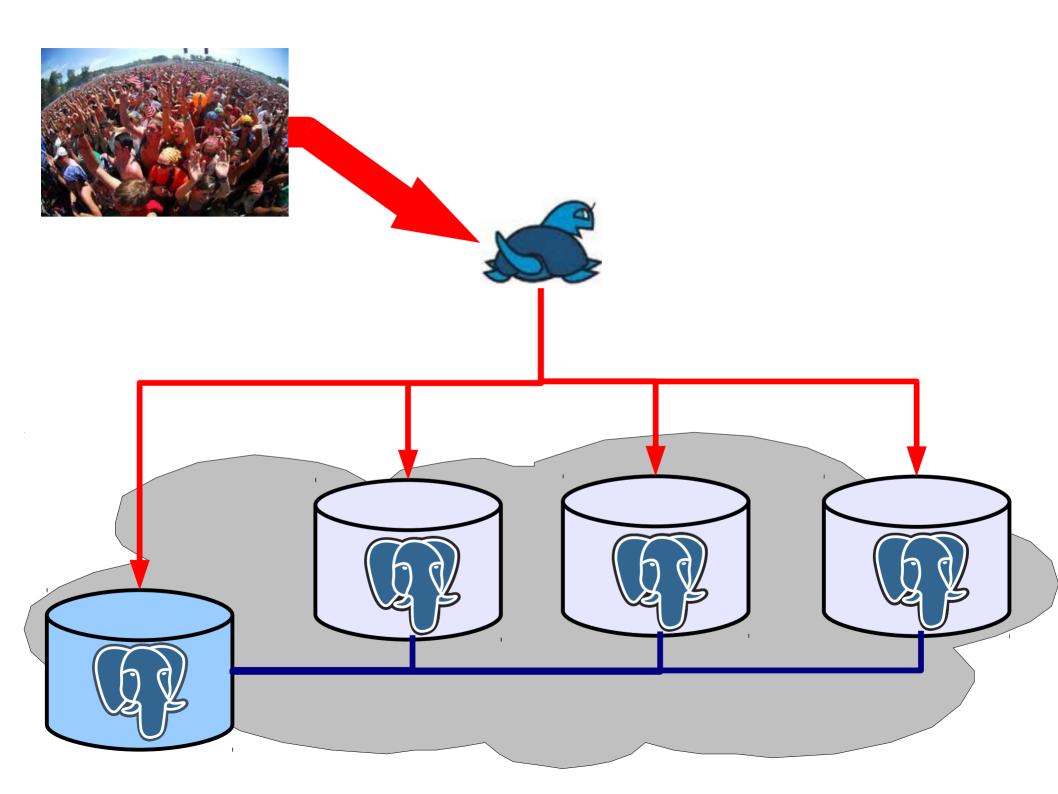


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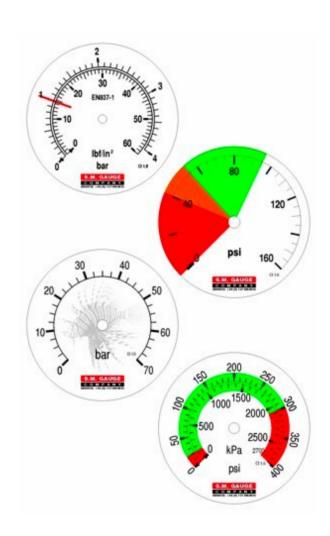
after 18 months: "streaming replication"





tuning dials

- max_standby_archive_delay
 max_standby_streaming_delay
- vacuum_freeze_min_age
- max_wal_senders
- wal_sender_delay
- wal_keep_segments



many many features

- windows 64-bit
- pg_upgrade
- RADIUS authentication
- passwordcheck
- grant on all
- default permissions
- deferrable unique check
- ordered aggregates
- new windowing clauses
- conditional triggers

- just DO it!
- PL/perl & PL/python
- named parameter calls
- LISTEN/NOTIFY
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- exclusion constraints
- join removal
- new explain options
- JSON/XML explain
- new VACUUM FULL

many many features

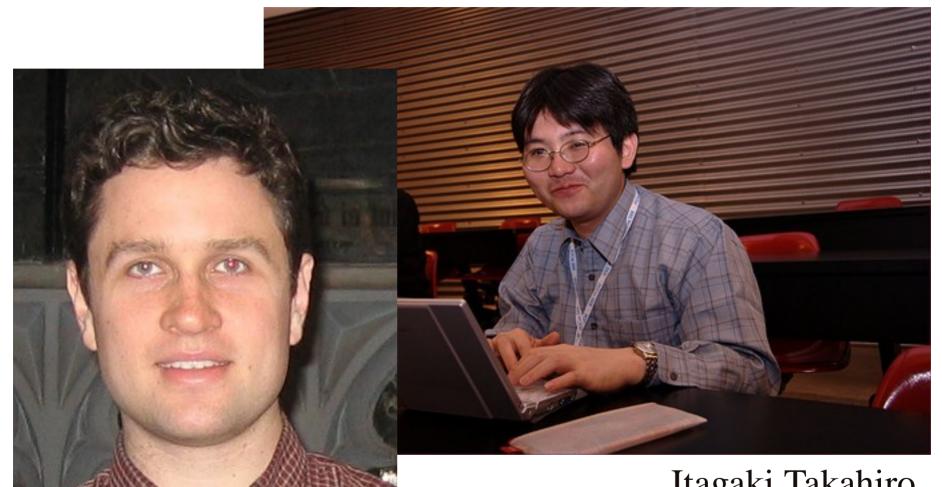
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community on the move



new committers



Itagaki Takahiro

Robert Haas

moved to git

projects / postgresql.git / summary

summary I shortlog I log I commit I commitdiff I tree

description This is the main PostgreSQL git repository.

owner Magnus Hagander

44 hours ago Tom Lane

45 hours ago Tom Lane

last change Fri, 24 Sep 2010 18:36:39 +0000

URL git://git.postgresql.org/git/postgresql.git

http://git.postgresql.org/git/postgresql.git ssh://git@git.postgresql.org/postgresql.git

shortlog

5 hours ago	Robert Haas	In levenshtein_internal(), describe algorithm a bit master github/master	commit I commitdiff I tree I snapshot
6 hours ago	Tom Lane	Still more .gitignore cleanup.	commit I commitdiff I tree I snapshot
18 hours ago	Alvaro Herrera	Prevent doc/src/sgml subdirs from being created, instea	commit I commitdiff I tree I snapshot
21 hours ago	Robert Haas	Add contrib/xml2/pgxml.sql to .gitignore	commit I commitdiff I tree I snapshot
26 hours ago	Robert Haas	Replace doc references to install-win32 with install	commit I commitdiff I tree I snapshot
26 hours ago	Tom Lane	ProcessIncomingNotify *must* reset notifyInterruptOccur	commit I commitdiff I tree I snapshot
26 hours ago	Tom Lane	Prevent show_session_authorization from crashing when	commit I commitdiff I tree I snapshot
28 hours ago	Tom Lane	Avoid sharing subpath list structure when flattening	commit I commitdiff I tree I snapshot
28 hours ago	Tom Lane	Make _outPathInfo print the relid set of the path's	commit I commitdiff I tree I snapshot
35 hours ago	Heikki Linnakangas	Initialize tableoid field correctly when dumping foreig	commit I commitdiff I tree I snapshot

Re-allow input of Julian dates prior to 0001-01-01 AD.

More fixes for libpq's .gitignore file.

commit I commitdiff I tree I snapshot

commit I commitdiff I tree I snapshot

moving to Django



The world's most advanced open source database.

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Support

PostgreSQL 9.0 now available!

The most anticipated PostgreSQL version in five years has been released. With built-in binary replication and over a dozen new major features, PostgreSQL 9.0 has compelling reasons to upgrade or migrate for every database user and developer.

- » Release Announcement
- » Download
- » In The News



> FEATURED USER

"The built-in replication features in 9.0 and ability to query a hot standby have been the most requested PostgreSQL features for many years"

> LATEST RELEASES

9.0.0 · 2010-09-20 · <u>Notes</u> 8.4.4 · 2010-05-17 · <u>Notes</u>

8.3.11 · 2010-05-17 · Notes 8.2.17 · 2010-05-17 · Notes

8.1.21 · 2010-05-17 · Notes

Download | RSS Why should I upgrade?

SHORTCUTS

- » Security
- » International Sites
- » Mailing Lists
- » pgFoundry
- » Wiki
- » Report a Bug
- » FAQs

> SUPPORT US

Deckers COI is free Disease surrent

9.1 already under way

CommitFest 2010-09 (In Progress)

New Patch - Activity Log - CommitFest Topics

The most recent three comments for each patch will be displayed below. To view all the comments for a particular patch, or to add a comment or make other changes, click on the patch name.

Status Summary. Needs Review: 30, Waiting on Author: 5, Ready for Committer: 6, Committed: 7, Returned with

Feedback: 9, Rejected: 1. Total: 58.

Pending Patches

Patch Name	Status	Author	Reviewers	Last Activity
Replication and Hot Standby				
Hot Standby tuning for btree xlog vacuum() Patch by simon on 2010-07-31: Initial version. Comment by simon on 2010-09-19: Will apply in early October if no adverse comments before then. Not a priority for assignment of RRRs	Needs Review	Simon Riggs	Nobody	2010-09-19
Synchronous Replication Patch by MasaoFujii on 2010-09-09: Initial version.	Needs Review	Fujii Masao	Nobody	2010-09-15

features for 9.1

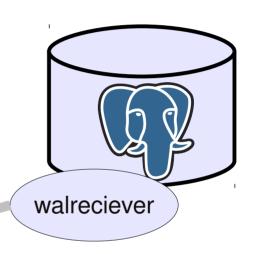
- synchronous replication
- SQL/MED federated tables
- security label support
- per-column collations
- predicate locking
- benchmarking tools
- new XML functions

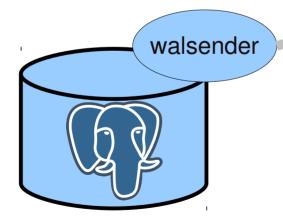
- KNN GIS indexes
- MERGE
- VIEW trigges
- extensible ENUMs
- progress indicator
- automatic GROUP BY
- writeable CTEs
- JSON support

synchronous replication

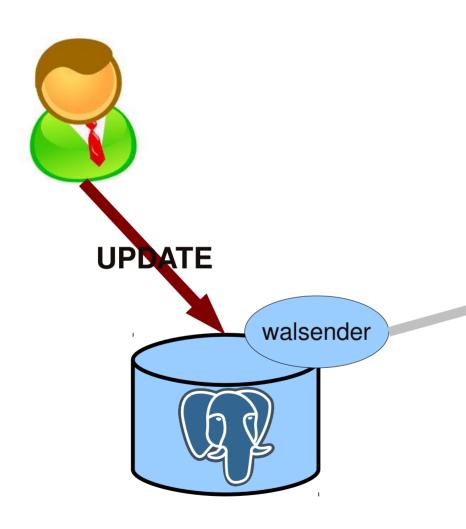
(Fujii Masao)

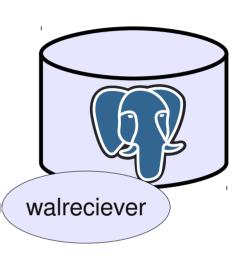




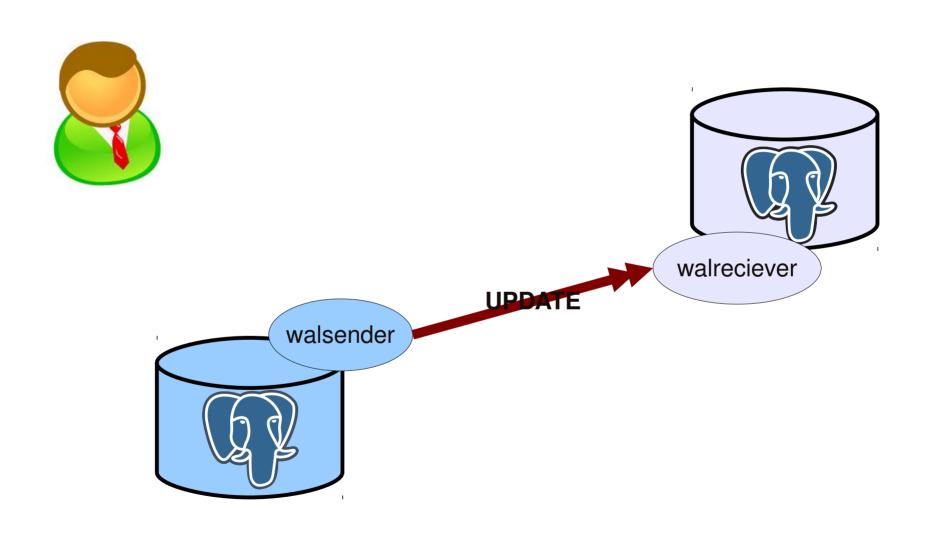


synchronous replication

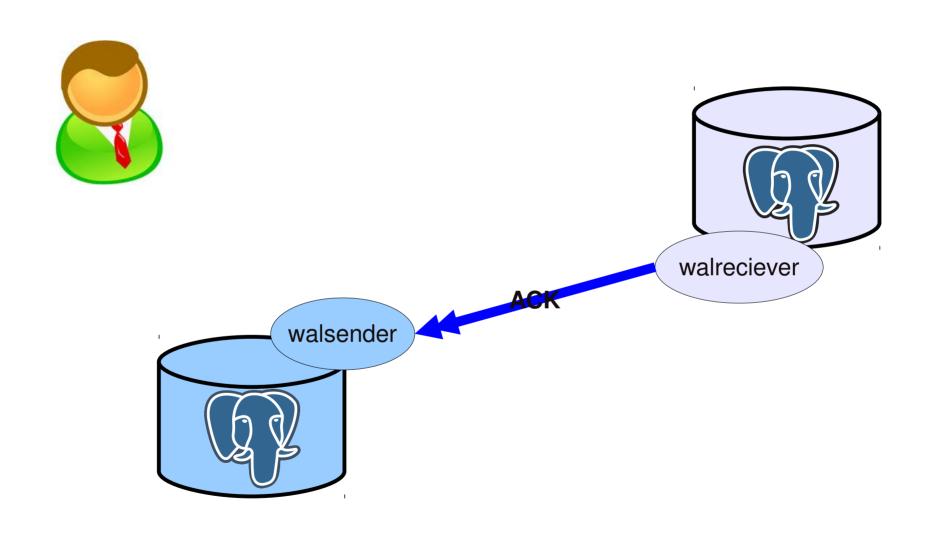




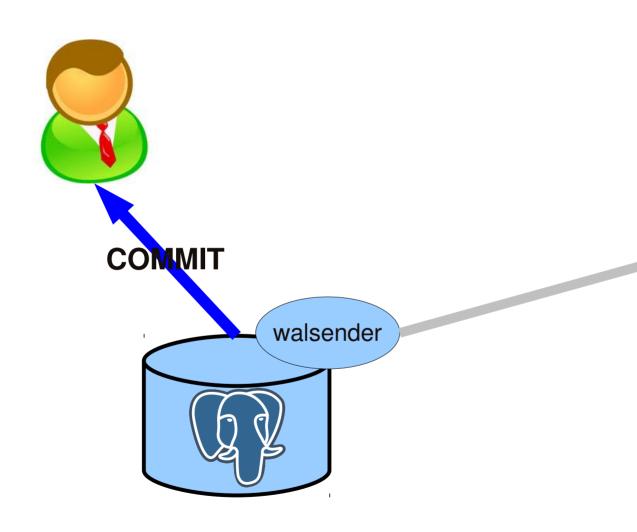
synchronous replication

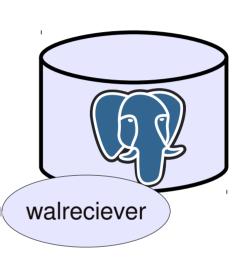


synchronous replication



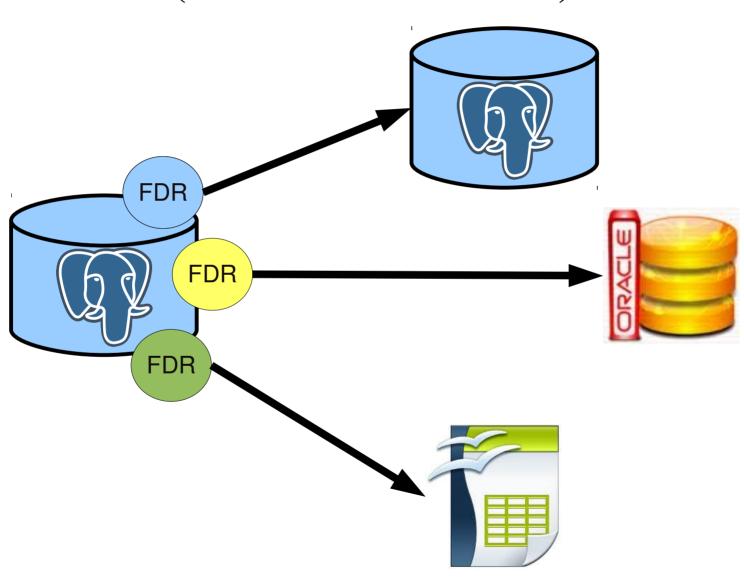
synchronous replication





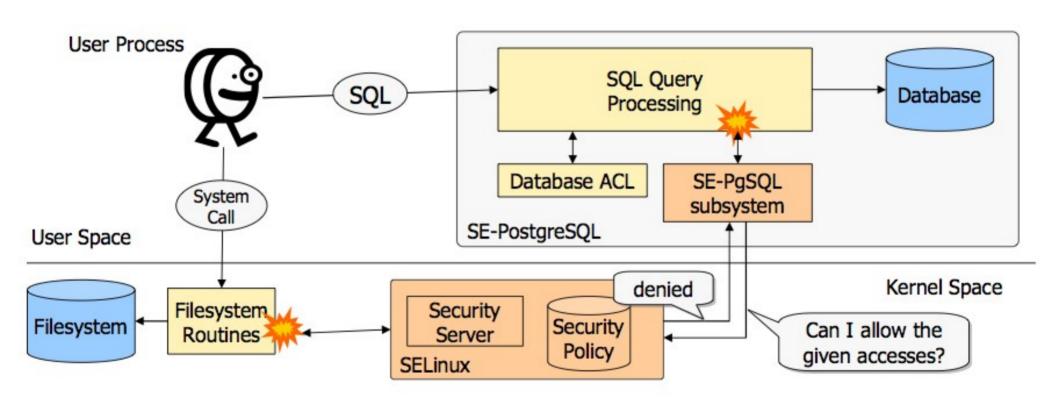
SQL/MED

(Sakamoto Masahiko)



label-based access control

(Kaigai Kohei)



per-column collations

(Peter Eisentraut)

ID	english	日本語
787	error	エラー
12	unique	ユニークな
456	index	インデックス
333	documentation	ドキュメンテーション
217	open source	オープンソース
2134	penguin	ペンギン



PostgreSQL Needs YOU

Review A Patch!

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anyone can be a patch reviewer

- You don't have to program in C
- You don't have to be a PostgreSQL expert
- You don't need special authorization
- You just need to be able to follow simple instructions:

http://wiki.postgresql.org/wiki/Reviewing_a_Patch

The commitfest is underway! Do it now!

mailing lists

- Hackers list
 - pgsql-hackers
 - main list for development discussion
 - submit patches here until we move off CVS
- Reviewers list
 - pgsql-rrreviewers
 - volunteer to be assigned a patch here
- Specific feature lists
 - pgsql-jdbc, pgsql-performance, pgsql-sql, etc.
 - subscribe at www.postgresgl.org/community/lists

web sites

- www.postgresql.org
 - main site
- git.postgresql.org
 - branches, feature forks, snapshots
- wiki.postgresql.org
 - community wiki, including TODO lists
 - feature specs & testing info
- commitfest.postgresql.org
 - patches in progress, for review, testing

documentation

- www.postgresql.org/docs
 - main documentation
 - internals:/docs/current/static/internals.html
 - code conventions: /docs/current/static/source.html
- doxygen.postgresql.org
 - annotated source code
- www.postgresql.org/docs/faqs.FAQ_DEV.html
 - developer FAQ

contact information

- Josh Berkus
 - josh@postgresql.org
 - blogs.ittoolbox.com/ database/soup
 - www.pgexperts.com

- Upcoming Events:
 - PG West: November 2,San Francisco
 - SCALE: Feburary 10,
 Los Angeles



