



Actian Analytics Platform for PSQL

Rapid Queries for Faster Insights from More Data

AAP for PSQL Benefits

- > Free with PSQL v12 license
- > Split-second queries
- > High-speed reporting
- > Data integration
- > Data validation
- > Data quality improvement
- > Data analytics
- > Interact more with your data

System Requirements

- > PSQL v12 Server or Vx Server
- > Microsoft Windows
- > No special hardware
- > No software tuning needed

Add more value to your PSQL data

PSQL v12 Server and PSQL Vx Server 12 now include the Actian Analytics Platform (AAP) for PSQL. AAP offers PSQL users major performance increases and access to new technologies. AAP for PSQL includes everything you need for split-second query performance and high-speed reporting. In addition to high performance, AAP for PSQL offers data integration and data analytics.

AAP for PSQL has three parts:

- [Actian Vector](#) - Super fast database for reporting and analytics
- [Actian DataFlow](#) - Build workflows to copy PSQL data to Vector, integrating, transforming, and improving the data as needed
- [Actian Director](#) - Like PCC for Vector

Actian Vector

- Takes advantage of multicore and cache performance of modern CPUs
- Greatly accelerated processing compared to other database systems
- ANSI SQL-92 compliant
- Licensed for 1 TB of data

Actian DataFlow

- Visual workbench for defining data workflows
- Drag-and-drop components for workflows to read, write, transform, and analyze PSQL data, combining it with other sources as needed
- Robust component library to build any ETL or analytics execution
- Automatic parallel execution across all available cores
- Workflow scheduling, such as a daily load from PSQL to Vector

Actian Director

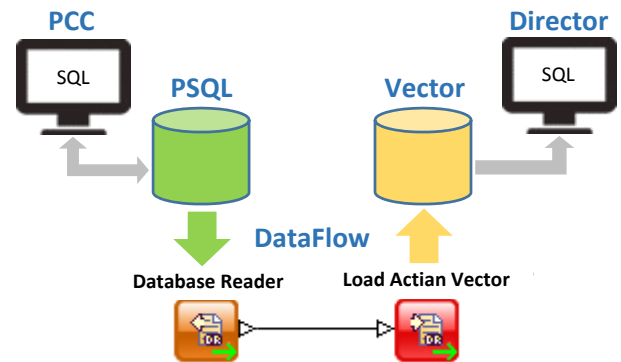
- PCC-like management console for Actian Vector
- Create, store, and execute Vector queries
- Manage databases, tables, servers, and their components
- Administer security for users, groups, roles, and profiles

Speed Up Queries and Reports

Problem: Large, very complex reports run too slowly on a PSQL database. Also, their execution slows down data processing in production operations.

Solution: Use AAP to copy data to a dedicated reporting server for fast reporting with no impact to everyday business.

The best of both worlds. The PSQL row-based database does what it does best – high-volume inserts, updates, and deletes while maintaining data integrity in multi-access environments – while the AAP Vector columnar database executes split-second reads for high-performance, complex queries.

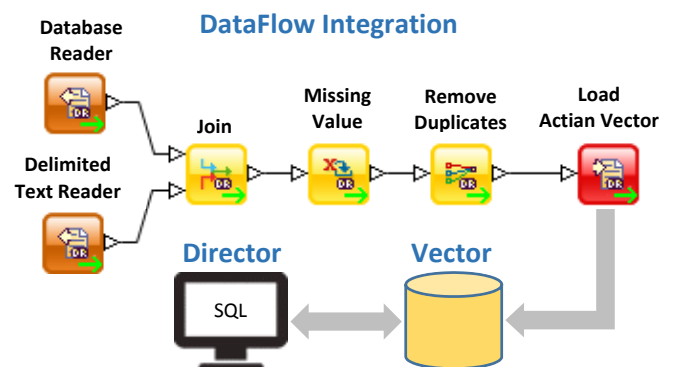


Integrate Data and Improve Its Quality

Problem: You want to add non-PSQL information to your reporting and also improve overall data quality.

Solution: Use AAP to set up the join, derive the schema, convert data types, use fuzzy matching, replace missing values, deduplicate, validate, and cleanse the data before loading it into Vector.

AAP provides more than 100 data manipulation and quality improvement features. Raise the bar on your reporting.



Analyze Data

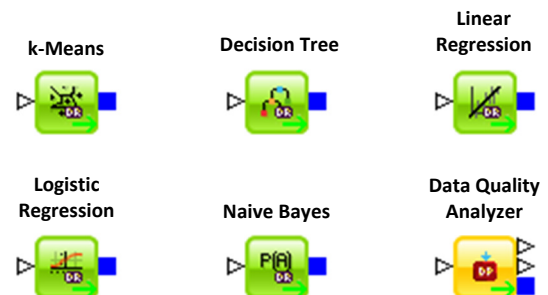
Problem: You want to apply data analytics to gain business intelligence while minimizing investment of time and money.

Solution: Use AAP to read PSQL data, join it to other data files, and apply analytics to support decision making.

AAP offers the most popular analytics algorithms:

- Discover data patterns
- Model outcomes of data changes
- Summarize data quality and other metrics
- Calculate probabilities

DataFlow Analytics



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