

Petter Graff Architecture — 90-Day Roadmap

System Architecture — After Petter Graff Roadmap

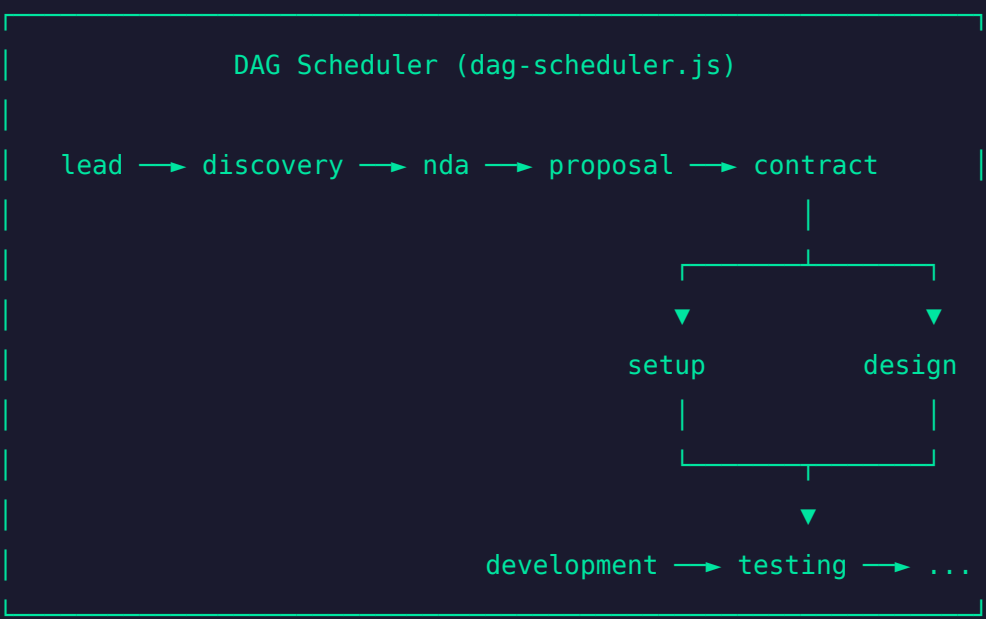
Datum: 2026-02-23 | MC Tasks: #1840-#1852 | Testovi: 127/127 PASS

Dijagram: Kako sve komponente rade zajedno



facts.db	Retrieval Orch.	HiveMind	BookStack
contacts	(RRF merge)	+ MC	REST API
leads	4 stores	active	search
invoices	semantic search	intel	

PIPELINE ENGINE



Proposal Quality Gate
• completeness
• pricing sanity
• tech stack
28 tests ✓

Lead Score Feedback Loop
• feature extract
• outcome tracking
• weight calc
38 tests ✓

Retainer Auto-Invoicer

Saga Compensation (saga.js)

- | | |
|-------------------|-------------------|
| • monthly billing | • step/compensate |
| • auto-generate | • durable mode |
| • event notify | • onboard-client |

INFRASTRUCTURE

54 Daemons (daemon-registry.json)

23 active | 31 scheduled | P1: 16 | P2: 27

Back-Pressure

Monitor

- CPU > 80%
- MEM > 85%
- queue > 100
- isOverloaded()

9 tests ✓

Unified Telemetry

(telemetry.js)

- record/query
- startTimer/end
- 30-day retention
- telemetry.db

27 tests ✓

DB Write Proxy

(db-proxy.js)

- 100ms flush
- 50-item batch
- singleton

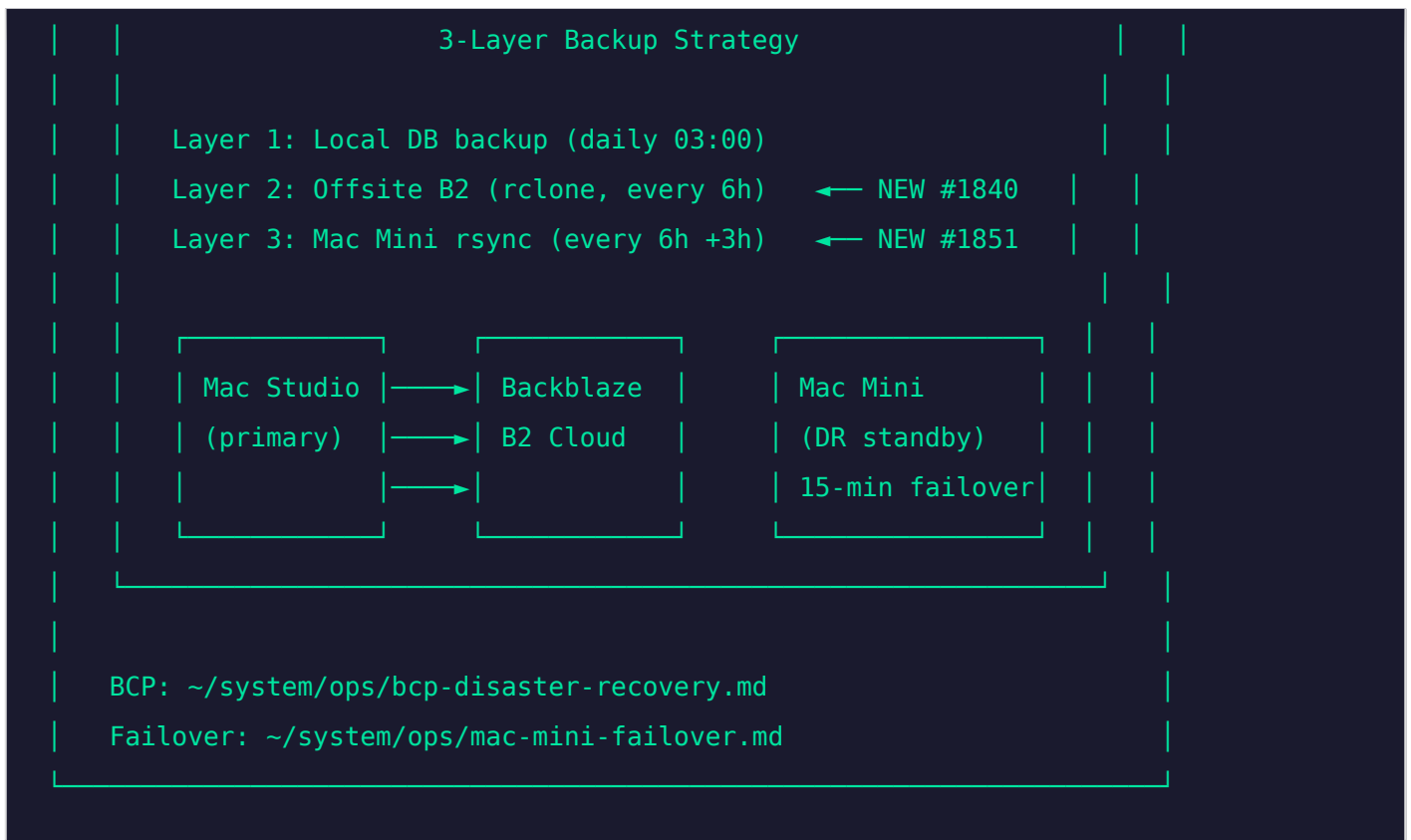
8 tests ✓

Event Bus

(event-bus.js)

- emit/subscribe
- WAL mode
- dead letter
- outbox relay

BACKUP & DR



Novi Moduli — Quick Reference

Modul	Putanja	Svrha	Testovi
Knowledge Gateway	tools/knowledge-gateway.js	Unified ask() — 4 store-a (structured, semantic, operational, docs)	✓ verified
DAG Scheduler	lib/dag-scheduler.js	Pipeline faze kao DAG umjesto linear array. Paralelno izvršavanje.	17/17
DB Write Proxy	lib/db-proxy.js	Write buffering za SQLite. 100ms flush, singleton po DB.	8/8
Telemetry	lib/telemetry.js	Unified event schema. record/query/stats. telemetry.db.	27/27
System Load Monitor	lib/system-load-monitor.js	isOverloaded() — CPU/MEM/queue back-pressure check.	9/9
Saga	lib/saga.js	Step/compensate pattern. Durable mode. Integrisan u onboard-client.	8/8

Modul	Putanja	Svrha	Testovi
Proposal Quality Gate	tools/proposal-quality.js	3 provjere prije CEO odluke: completeness, pricing, tech stack.	28/28
Lead Score Feedback	tools/lead-score-feedback.js	Outcome tracking + statistički weight calculation za lead scoring.	38/38
Retainer Invoicer	tools/retainer-invoicer.js	Auto-generisanje faktura za recurring contracts.	✓ verified
Offsite Backup	daemons/offsite-backup.sh	rclone sync → Backblaze B2 svakih 6h.	✓ script
DR Sync	daemons/dr-sync.sh	rsync → Mac Mini svakih 6h (+3h offset).	36/36
Daemon Registry	config/daemon-registry.json	Dokumentacija svih 54 daemona sa statusom i criticality.	✓ complete
Decision Queue UI	tools/mc-dashboard.js /decide	Fullscreen approve/reject UI za Alema.	✓ live

Action Items za Alema

- Backblaze B2:** Popuni credentials u `~/config/rclone/rclone.conf` (account ID + app key)
- Mac Mini IP:** Kreiraj `~/system/config/dr-sync.conf` sa `MAC_MINI_HOST=192.168.68.XX`
- Decision Queue:** Otvori `localhost:3030/decide` — 99 pending decisions čeka review

Generisano: 2026-02-23 | MC #1840-#1852 | Architect: Petter Graff agent | Builder: John

Revision #3

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