HiveMind Conventions

HiveMind Convention

Odobreno: Alem, 2026-02-06 **Updated:** 2026-02-12 (Edita archived)

Arhitektura

```
SHARED BUS (svi agenti čitaju/pišu)
  ~/system/agents/hivemind/hivemind.db

CROSS-SESSION TASKS (Alem vidi)
  ~/system/databases/mission-control.db

PER-CLIENT DATA (izolirano po projektu)
  ~/projects/<klijent>/client.db
```

Hijerarhija

Alem → John (direktno)

- Edita arhivirana 2026-02-12 (backup: ~/system/archive/edita-backup-2026-02-12/)
- John radi direktno sa Alemom
- Subagent teamovi (Builder, Validator) po potrebi

HiveMind Type Konvencija

agent	type	Značenje
john	task	John loguje task
john	response	John odgovara
john	update	John javlja status

agent	type	Značenje
john	discovery	John pronašao korisnu informaciju
builder	task-update	Builder javlja napredak na tasku
validator	validation	Validator javlja rezultat provjere
*	alert	Hitno — treba pažnja odmah
*	learning	Naučeno nešto novo
*	error	Nešto puklo

Historijski tipovi (Edita, archived): task-update, question, response ostaju u bazi za referencu.

Komande

```
# John loguje task
node ~/system/agents/hivemind/hivemind.js post john task \
  "Opis taska" '{"client":"ime","priority":"high"}'

# John javlja update
node ~/system/agents/hivemind/hivemind.js post john update \
  "Task XY: zavrseno" '{"client":"ime","status":"done"}'

# Builder javlja napredak
node ~/system/agents/hivemind/hivemind.js post builder task-update \
  "Implementation progress" '{"task_id":"123","status":"in_progress"}'

# Validator javlja rezultat
node ~/system/agents/hivemind/hivemind.js post validator validation \
  "Validation passed" '{"task_id":"123","result":"pass"}'

# Čitaj sve
node ~/system/agents/hivemind/hivemind.js read 10

# Čitaj samo od jednog agenta
node ~/system/agents/hivemind/hivemind.js read john 10

# Pretraži
node ~/system/agents/hivemind/hivemind.js query "fitlife"
```

Per-Client DB Pattern

Svaki klijentski projekat ima svoju bazu:

```
~/projects/<klijent>/
├── CLAUDE.md          ← Pravila za taj projekat
├── client.db          ← Klijent-specifični podaci (SQLite)
└── src/               ← Kod
```

Pravilo: Klijentski podaci NIKAD u HiveMind. HiveMind je samo za komunikaciju i koordinaciju između agenata.

Data Field (JSON)

Svaki post može imati `data` JSON polje za strukturirane podatke:

```
{
  "client": "fitlife",
  "priority": "high|medium|low",
  "status": "pending|in_progress|done|blocked",
  "deadline": "2026-02-07",
  "blocked": true,
  "files": ["src/index.html"],
  "ref_task_id": 73
}
```

Primjer Workflow

```
1. John: post john task "Implement landing page for FitLife" {client:fitlife, priority:high, mc_task_id:123}
2. Builder: post builder task-update "FitLife: started" {client:fitlife, status:in_progress, mc_task_id:123}
3. Builder: post builder task-update "FitLife: done" {client:fitlife, status:done, mc_task_id:123}
4. Validator: post validator validation "FitLife: PASS - all criteria met" {client:fitlife, result:pass, mc_task_id:123}
5. John: post john update "FitLife: deployed to production" {client:fitlife, mc_task_id:123}
```

ACK Protocol

Kad primiš novu instrukciju, javi ACK:

```
node hivemind.js post <agent> response "ACK: <kratki opis>"
```

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