

RAD_TSHIRT v4.0 — presentation quick tour

Portable, brand-neutral pre-commit gates + docs + protocols. Drop the folder in, ship with confidence.

Slide index

- 🧑‍🦲 T-Shirt Metaphor → #the-t-shirt-metaphor
- 🎭 Orchestrated vs One Agent → #orchestration-vs-one-agent
- 💰 Context Budget → #context-is-a-finite-budget
- 🏹 Delegation Pyramid → #delegation-pyramid
- 🔄 Context Journey → #context-journey-handoff-triggers
- 📦 What's inside → #whats-inside-one-folder
- 🚀 Quick start → #quick-start
- 🧠 Multi-Agent & Lifecycle → #multi-agent--lifecycle
- ✅ Case studies → #tiny-case-studies
- 📄 License → #license

Who it's for → PMs, ICs, QA, and product leads who want batteries-included quality without wiring CI first.
What you get → tests/lint/coverage gates, handoff/rehydration protocols, and a zero-friction installer.

🧑‍🦲 The T-Shirt Metaphor

Each role is a different t-shirt you can put on and take off:

- PM shirt → Conductor tee | orchestration only (no coding while worn)
- LEAD shirt → Engineer tee | code + tests + architecture
- DEV shirt → Implementation tee | git, CI/CD, scripts
- QA shirt → Quality tee | testing, auditing, validation
- OPS shirt → Protocol tee | operations, stewardship, evolution

Wardrobe (pick the right shirt for the moment):

[PM] [LEAD] [DEV] [QA] [OPS]
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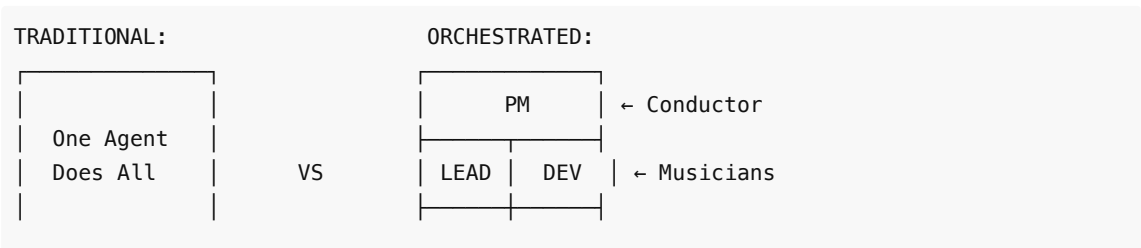
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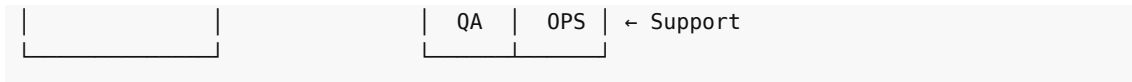
- Switching shirts = switching permissions and responsibilities
- Never mix shirts: if the PM shirt is on, delegate; don't implement

Sizes → enforcement strength (tune in `enforcement/pre_commit_gates.json`):

- S: advisory only | M: tests block | L: tests+lint block | XL: tests+lint+coverage block

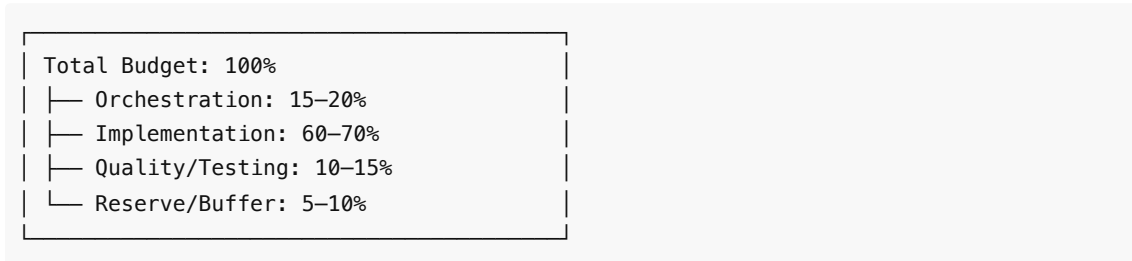
🎭 Orchestration vs One Agent





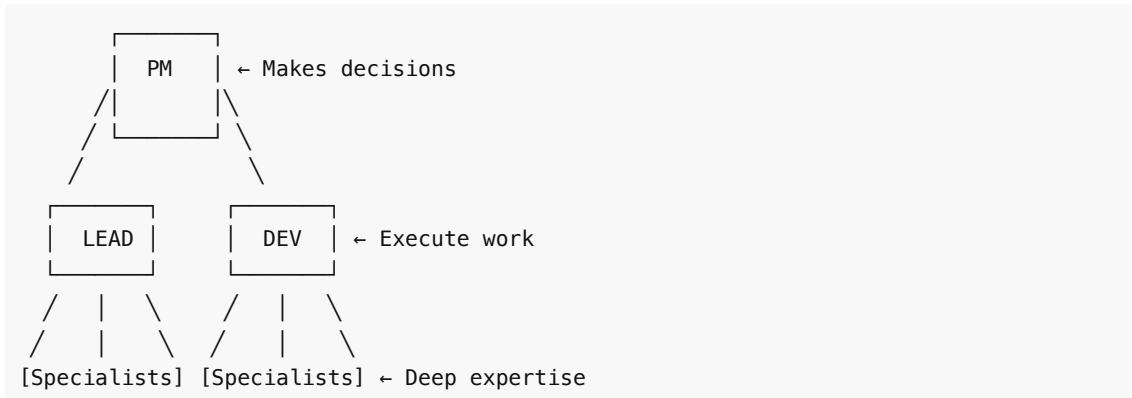
Why it works → division of labor (section players), a shared score (plan/tests), timing and dynamics (PM), and continuous tuning (QA/Ops). Net effect: parallelism, checks-and-balances, faster synthesis, lower rediscovery tax.

💰 Context is a Finite Budget



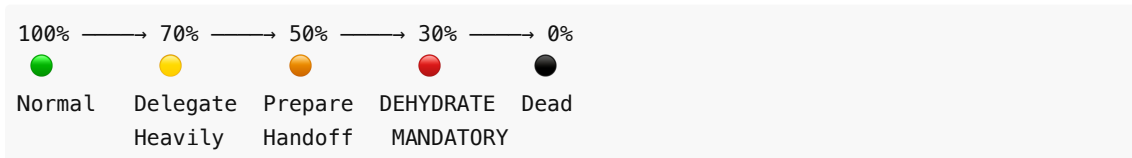
Spend wisely → preserve, compress, re-use.

🧭 Delegation Pyramid



PM delegates; implementers implement; specialists go deep.

🔄 Context Journey (handoff triggers)



Dehydrate at 30% → zero knowledge loss, 15-min rehydration target.

📁 What's inside (one folder)

- RAD_TSHIRT_v4.0/
 - enforcement/ → engine, master hook, declarative gates

- `scripts/` → portable installer (git-root fallback)
- `docs/` → product card, command menu, quick start
- `protocols/` → handoff, communication, cleanup

Quick start

- Requirements → macOS/Linux, Git, Node 18+
- Install → `cd RAD_TSHIRT_v4.0 && ./scripts/install-precommit.sh` (add `--dry-run` to preview)
- Commit normally → your configured gates run before commit

Manual run → edit `enforcement/pre_commit_gates.json` ; run the same scripts directly.

Multi-Agent & Lifecycle

Use the visual guide:

- `MULTI_AGENT_ORCHESTRATION_MASTERY_for_RAD_TSHIRT_v4.0.md`
 - `RAD_TSHIRT_v4.0/protocols/HANDOFF.md`
 - `RAD_TSHIRT_v4.0/protocols/COMMUNICATION.md`
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Tiny case studies

- 4% emergency handoff → 15-minute recovery, ~95% continuity
 - 5-agent debug committee → 2-hour fix vs 2 days solo
 - Rehydration protocol v2 → ~50% lower context overhead
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License

MIT