

AGENT GUIDE



Custom Agent Guide

Build specialized AI agents with the ACOS framework.
Design, configure, test, and deploy.

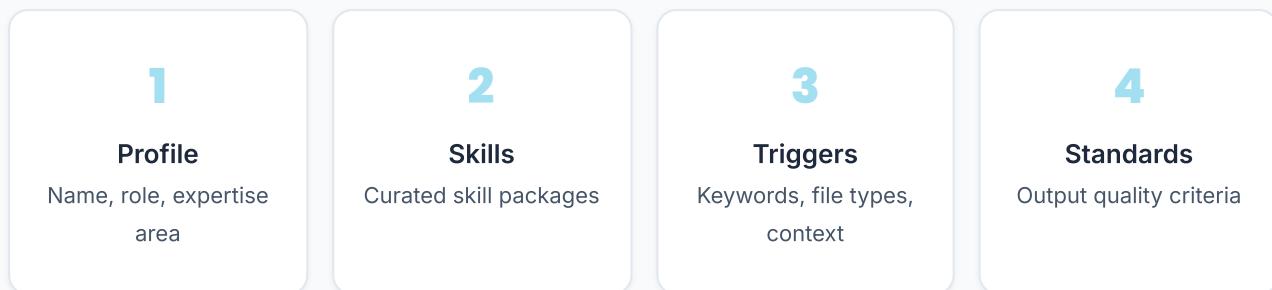
FRANKX | Agentic Creator OS | 2026

01

ARCHITECTURE

Agent Anatomy

Every ACOS agent has four components: a **profile definition** (role, expertise), a **skill set** (capabilities), **trigger patterns** (when to activate), and **output standards** (quality expectations).



● ● ● Agent Definition – YAML Format

```
name: Data Analyst
role: Data Analysis & Visualization
skills:
- data-scientist
- d3-viz
- sql-optimization
focus:
- Data pipeline design
- SQL optimization
- Dashboard creation
triggers: data, analytics, SQL, dashboard
```

02

TUTORIAL

Build Your First Agent

Step 1: Define the profile in your CLAUDE.md under the Agent Profiles section.

Choose a specific **domain** — not "general purpose" but something focused like "E-commerce Optimization" or "Data Pipeline Engineering".

Step 2: Select skills from the 630+ skill library.

● ● ● Finding Skills

```
# List all available skills
$ npx skills list -g

# Add a new skill globally
$ npx skills add owner/repo -y -g

# Skills are stored at ~/.agents/skills/
```

Step 3: Add auto-activation rules in `skill-rules.json`.

● ● ● skill-rules.json

```
{
  "name": "data-work",
  "match": ["*.sql", "*.csv", "data/*"],
  "skills": ["data-scientist", "sql-pro"]
}
```

Step 4: Configure trigger keywords so the `/acos` router activates your agent automatically.

Agent Design Principles



Single Responsibility

Each agent should excel at one domain. A "Frontend Designer" that also does backend work is a "General Assistant" — avoid that.



Curated Skills

5-8 core skills per agent. Too many dilutes expertise. Pick the best, not the most.



Clear Triggers

Use specific, non-overlapping keywords. "deploy" for DevOps, "design" for Frontend — no ambiguity.



Output Standards

Define what "done" looks like. "Tested code" vs "deployed and verified" are different quality bars.

"The best agent isn't the one with the most skills — it's the one that produces the most reliable output for its domain."

Common Patterns

PATTERN	WHEN TO USE
Specialist	Deep expertise in one area (e.g., SQL Optimizer)
Pipeline	Multi-step workflows (e.g., Content → SEO → Publish)
Reviewer	Quality gates and code review
Orchestrator	Coordinates multiple agents for complex tasks

AGENT GUIDE

Build Your Agents

40+ agent templates. 630+ skills to combine. Infinite possibilities.

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Build what matters.