AXIOM-X: YOUR AI ORCHESTRATION SYSTEM

The Simple Guide to Getting Things Done Faster

⌖ What Is Axiom-X?

In one sentence: Axiom-X coordinates multiple AI assistants to work together on big tasks, following ethical rules to ensure safe and high-quality results.

Think of it like: - A conductor leading an orchestra of AI musicians - A project manager coordinating a team of specialists - A quality control system that ensures good work

The key difference: Instead of asking one AI to do everything (slow), Axiom-X breaks work into pieces and assigns them to hundreds of AI workers simultaneously (fast).

📊 WHAT CAN AXIOM-X DO?

Feature 1: Multi-Provider Orchestration

What it means in plain English: - Uses 6 different AI companies at once (Anthropic, OpenAI, Google, Groq, Cohere, Fireworks) - If one is slow or breaks, others keep working - Never locked into one company's limitations

When to use it: - You have lots of similar tasks (analyze 100 documents, write 50 emails) - You need results fast - You want backup options if one AI service has problems

Example use cases: - "Analyze these 200 research papers and summarize key findings" - "Generate 100 product descriptions for my catalog" - "Review 500 support tickets and categorize them"

Quick Start Prompt:

```
 I need to [task] for [number] items. Use multi-provider
 orchestration for speed.

 Examples:
```

```
- "I need to summarize 50 PDFs. Use multi-provider
orchestration for speed."
- "I need to generate SEO descriptions for 200 products. Use
multi-provider orchestration."
```

What happens: Axiom-X splits your 50 tasks across 6 AI providers, completing in ~2 minutes instead of 30 minutes.

Feature 2: Constitutional Governance

What it means in plain English: - Every decision follows ethical rules (based on ancient Yama principles) - Always asks permission before deleting anything - Keeps receipts proving work was done correctly - Transparent about confidence levels ("I'm 90% sure" vs "I'm 50% sure")

When to use it: - Working with important documents - Making decisions that affect others - Need to prove work meets ethical standards - Want audit trail for compliance

Example use cases: - "Review these legal contracts and flag risky clauses" (needs high accuracy + ethics) - "Analyze employee feedback and summarize concerns" (needs confidentiality) - "Recommend budget cuts" (needs transparency about tradeoffs)

Quick Start Prompt:

```
 [Your task] - Use constitutional governance to ensure ethical
compliance.

Examples:
- "Analyze customer complaints - Use constitutional
governance to ensure privacy."
- "Recommend which features to cut - Use constitutional
governance for transparent tradeoffs."
```

What happens: Axiom-X follows ethical rules (non-harm, truthfulness, proper attribution) and provides confidence scores with every answer.

Feature 3: Fractal Parallelization (Swarm Mode)

What it means in plain English: - Breaks big problems into smaller pieces - Assigns pieces to hundreds of AI workers - Combines results intelligently - 50-100× faster than working alone

When to use it: - Massive tasks (thousands of items) - Complex analysis requiring multiple perspectives - Time-sensitive projects - Research requiring comprehensive coverage

Example use cases: - "Scan my entire codebase (1,000+ files) and find security vulnerabilities" - "Research all competitors in my industry and create comparison matrix" - "Analyze 10 years of financial data and identify patterns"

Quick Start Prompt:

```
[Large task] - Deploy swarm mode with [number] workers.

Examples:
- "Analyze all 500 customer reviews - Deploy swarm mode with
100 workers."
- "Find duplicates in my 2,000 file photo library - Deploy
swarm mode with 200 workers."
```

What happens: Axiom-X spawns hundreds of specialized workers, completes your task in minutes instead of hours/days.

Feature 4: Receipt-Based Performance Tracking

What it means in plain English: - Every time a script runs, it saves a "report card" - Report cards show speed, quality, and success/failure - System learns which scripts work best - Automatically uses top performers for future tasks

When to use it: - Building tools you'll reuse - Want to know what's working vs failing - Need proof of performance for stakeholders - Optimizing workflows over time

Example use cases: - "I run daily reports - track which scripts are fastest" - "Testing different approaches - show me which performed best" - "Need to prove my AI system is improving over time"

Quick Start Prompt:

```
[Your task] - Generate performance receipt for tracking.

Examples:
- "Run data analysis pipeline - Generate performance receipt
for tracking."
```

```
- "Benchmark these 5 approaches - Generate performance
receipts to compare."
```

What happens: Axiom-X saves detailed performance data (speed, quality, errors) in JSON files you can review later.

Feature 5: Canonical File Selection

What it means in plain English: - Automatically identifies your "best" files - Flags duplicate/outdated versions for cleanup - Keeps your codebase organized - Prevents accumulation of junk files

When to use it: - Your project has grown messy - Multiple versions of files exist - Not sure which script to use - Want to clean up without breaking things

Example use cases: - "I have 5 versions of my data processing script - which one should I keep?" - "My project has 1,000+ files - help me identify what's important" - "Clean up my codebase without breaking anything"

Quick Start Prompt:

```
Run canonical file selection on [directory/project].

Examples:
- "Run canonical file selection on my Python project."
- "Run canonical file selection on my scripts folder - flag
duplicates."
```

What happens: Axiom-X analyzes performance data, identifies best versions of each tool, flags redundant files for safe deletion.

Feature 6: Infrastructure Workers (Continuous Development)

What it means in plain English: - Background workers that generate new features - Creates code, tests, documentation automatically - Runs continuously while you do other work - Like having a development team working 24/7

When to use it: - Building a large system - Need lots of code generated - Want automated testing - Require documentation written

Example use cases: - "Generate 100 utility functions for my project" - "Create test suites for all my modules" - "Write API documentation for my codebase" - "Build data processing pipelines"

Quick Start Prompt:

```
 Deploy [number] infrastructure workers for [task type].

Examples:
- "Deploy 50 infrastructure workers for code generation."
- "Deploy 20 infrastructure workers for writing tests."
- "Deploy 30 infrastructure workers for documentation."
```

What happens: Axiom-X spawns background workers that continuously generate code/tests/docs while you work on other tasks.

🚀 QUICK START GUIDE

For Complete Beginners:

Step 1: Choose Your Task Type

- **Many similar items?** → Use Multi-Provider Orchestration

- **Huge/complex problem?** → Use Fractal Parallelization

- **Need ethical compliance?** → Use Constitutional Governance

- **Building long-term?** → Use Receipt Tracking

- **Codebase messy?** → Use Canonical Selection

Step 2: Use Template Prompt

Copy the prompt from the feature section above, fill in your details.

Step 3: Review Results

Axiom-X will provide: - Main answer/output - Confidence scores (how sure it is) - Performance data (how long it took) - Constitutional receipt (proof of ethical compliance)

📖 REAL-WORLD EXAMPLES

Example 1: Research Paper Analysis

Task: "I need to analyze 100 research papers for my literature review."

Best Feature: Fractal Parallelization (Swarm Mode)

Prompt:

```
Analyze these 100 research papers and create a literature
review table with:
- Author, Year, Title
- Key Findings
- Methodology
- Relevance to [your topic]

Deploy swarm mode with 100 workers for speed.
```

What happens: - 100 AI workers each read 1 paper simultaneously - Results combined into structured table - Completes in ~3-5 minutes (vs 8+ hours manually) - Constitutional receipt proves thorough analysis

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Example 2: Code Cleanup

Task: "My Python project has gotten messy with duplicate files."

Best Feature: Canonical File Selection

Prompt:

```
Run canonical file selection on my Python project at C:/my-
project/.
Flag duplicate files and recommend deletions.
```

What happens: - Axiom-X scans all Python files - Analyzes performance receipts (if available) - Identifies best version of each tool - Provides safe deletion list with backups - Asks your approval before deleting anything (Ahimsa principle)

Example 3: Competitive Analysis

Task: "Research all competitors in the AI chatbot space."

Best Feature: Multi-Provider Orchestration

Prompt:

```
 Research the top 20 AI chatbot companies and create a
comparison matrix:
- Company name
- Key features
- Pricing
- Target market
- Strengths/weaknesses

Use multi-provider orchestration with constitutional
governance for accurate research.
```

What happens: - 20 tasks distributed across 6 AI providers - Constitutional governance ensures factual accuracy - Confidence scores show reliability of each finding - Complete comparison in ~2-3 minutes

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Example 4: Daily Automation

Task: "Generate daily sales reports from our database."

Best Feature: Receipt-Based Performance Tracking

Prompt:

```
 Run daily sales report generation.
 Generate performance receipt to track reliability over time.
```

What happens: - Report generated with current data - Performance receipt saved (speed, success/failure, data quality) - Over time, you see trends: "This report takes 2 minutes on average with 98% success rate" - If performance degrades, you're alerted

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🎯 CHOOSING THE RIGHT FEATURE

Decision Tree:

Q: How many items do you have? - 1-10 items → Regular AI assistant is fine - 10-100 items → Multi-Provider Orchestration - 100+ items → Fractal Parallelization (Swarm)

Q: How important is ethical compliance? - Critical (legal, medical, financial) → Constitutional Governance - Important (business decisions) → Constitutional Governance recommended - Standard work → Regular mode fine

Q: Will you repeat this task? - One-time → No special features needed - Regular/recurring → Receipt-Based Tracking - Building tools → Infrastructure Workers

Q: Is your codebase messy? - Yes → Canonical File Selection - No → Continue with current approach

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⚠️ IMPORTANT NOTES

What Axiom-X Does Well:

☑ Large-scale parallel tasks (hundreds/thousands of items) ☑ Multi-perspective analysis (examining from many angles) ☑ Code/documentation generation at scale ☑ Research requiring comprehensive coverage ☑ Maintaining code quality over time

What Axiom-X Is NOT For:

✖ Simple questions (just ask regular ChatGPT/Claude) ✖ Real-time conversations (it's for batch processing) ✖ Single complex creative tasks (e.g., "write my novel") ✖ Tasks requiring human judgment (final decisions still yours)

💡 PRO TIPS

Tip 1: Start Small - Test with 10 items before running 1,000 - Verify quality before scaling

Tip 2: Use Constitutional Governance for Important Work - Adds confidence scores - Provides audit trail - Ensures ethical compliance

Tip 3: Let Receipt Tracking Run - After a few runs, you'll see patterns - System learns what works best - Performance improves automatically

Tip 4: Review Canonical Recommendations - Don't auto-delete files - Human approval is required (Ahimsa principle) - Keep backups of deleted files

Tip 5: Combine Features - "Use multi-provider orchestration WITH constitutional governance" - "Deploy swarm mode AND generate performance receipts" - Features work better together

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🆘 TROUBLESHOOTING

Problem: "It's too slow" - Solution: Increase worker count or use fractal parallelization

Problem: "Results aren't accurate" - Solution: Add constitutional governance for quality checks

Problem: "I don't trust the recommendations" - Solution: Check confidence scores and constitutional receipts

Problem: "System wants to delete important files" - Solution: Human approval is always required (Ahimsa), just say "no"

Problem: "Too technical for me" - Solution: Use the template prompts above - just fill in your task

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📑 GLOSSARY

Orchestration: Coordinating multiple AI workers to complete a task

Constitutional Governance: Following ethical rules (non-harm, truthfulness, transparency)

Swarm Mode: Hundreds of AI workers tackling a problem simultaneously

Receipt: Performance record showing speed, quality, success/failure

Canonical File: The "best" version of a file (when duplicates exist)

Multi-Provider: Using multiple AI companies at once (Anthropic, OpenAI, Google, etc.)

Fractal Parallelization: Breaking big problems into smaller pieces, solving in parallel

Yama Principles: Ancient ethical guidelines (non-harm, truth, proper attribution, efficiency, non-hoarding)

Confidence Score: How sure the AI is (90% = very confident, 50% = uncertain)

🎓 LEARNING PATH

Beginner (Week 1):

1. Try multi-provider orchestration with 20 items
2. Review results and confidence scores
3. Get comfortable with template prompts

Intermediate (Week 2-3):

1. Deploy swarm mode for 100+ item tasks
2. Start using constitutional governance
3. Review performance receipts

Advanced (Week 4+):

1. Use canonical file selection for cleanup
2. Deploy infrastructure workers
3. Combine multiple features
4. Track performance trends over time

📞 SUPPORT

Questions? - Check the examples above - Start with template prompts - Review confidence scores in outputs - Constitutional receipts explain decisions

Found a problem? - System always requires human approval for deletions - Backups are automatic - Constitutional compliance is enforced

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🎉 SUCCESS STORIES

Research: "Analyzed 500 papers in 10 minutes - would have taken weeks manually"

Business: "Competitive analysis of 50 companies completed in 5 minutes"

Development: "Cleaned up 2,000-file codebase, freed 60MB, no breaks"

Analysis: "Daily reports now auto-generate with 98% reliability"

🚀 GET STARTED NOW

Try this sample prompt to test the system:

```
 Hello Axiom-X! Please demonstrate multi-provider
orchestration by:
1. Analyzing these 3 sample texts [provide 3 short
paragraphs]
2. Extracting key themes from each
3. Comparing themes across all three


Use constitutional governance to show me confidence scores.
```

This simple test will show you: - How multi-provider works - What confidence scores look like - How constitutional governance provides transparency

Once you're comfortable, scale up to your real tasks!

APPENDIX: CHEAT SHEET

Quick Copy-Paste Prompts:

Research/Analysis:

```
 Analyze [number] [items] and [desired output].
 Deploy swarm mode with constitutional governance.
```

Code Cleanup:

```
Run canonical file selection on [directory].
Flag duplicates and provide safe deletion recommendations.
```

Batch Processing:

```
Process [number] [items] using multi-provider orchestration.
Generate performance receipts for tracking.
```

Competitive Research:

```
Research [topic/companies] and create comparison matrix.
Use constitutional governance for accuracy.
```

Automation:

```
Automate [task] with receipt-based performance tracking.
Alert me if performance degrades.
```

Remember: Axiom-X is your AI orchestra conductor. You're the composer - tell it what you want, and it coordinates the musicians (AI workers) to make it happen fast, ethically, and reliably.

Start simple. Scale gradually. Trust the constitutional governance. Review the receipts.

Welcome to Axiom-X! 🚀