

AION QUICK START CHEAT SHEET

25+ Cognitive Engines | Zero to Systematic Thinking in 5 Minutes

Tier 1 Foundation	Tier 2 Cognitive	Tier 3 Domain	Tier 4 Experimental
5 engines	7 engines	4 engines	5 prototypes

Tier 1 — Foundation (The Guardrails)

I need to...	Engine	Codename
Verify AI isn't hallucinating	Oracle Layer v2.1	PROMETHEUS
Quantify my uncertainty	Epistemic Humility v3.1	—
Navigate ethical dilemmas	Meta-Ethical Engine v2.1	—
Check reasoning for bias	Contamination Prevention v1.2	—
Manage overwhelming complexity	Complexity Management v2.0	SIMPLEXITY

Tier 2 — Cognitive Architecture (The Methods)

I need to...	Engine	Codename
Make a complex decision	Decision Engine v1.0	DECIDERE
Analyze business strategy	Strategy Engine v1.1	—
Build AI personas	Personality Architect v1.0	THE SCULPTOR
Analyze from multiple angles	CEREBRO-Lite v1.0	—
Understand complex systems	Systems Analysis v3.1	—
Master GitHub discoverability	GitHub Mastery v1.1	—
Assess source credibility	Credibility Engine v2.0	—

Tier 3 — Domain-Specific (The Expertise)

I need to...	Engine
Validate medical information	Medical Engine v2.5 (Educational only)
Check legal reasoning	Legal Engine v2.1 (Educational only)
Audit regulatory compliance	Legal Engine 2 v1.0
Navigate regulations	Regulatory Engine v2.0

Try Right Now — Copy & Paste Demos

Demo 1: Complexity Management (SIMPLEXITY v2.0)

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SIMPLEXITY v2.0 ENGINE ACTIVATED.

Analyze: [Your overwhelming problem]

Apply 8 modules: Abstraction, Emergence, Decomposition, Simplification,
Dynamics, Cognitive Load, Transfer Check, MVC

Include: Complexity score, trajectory, MVC target, threshold alerts
```

Demo 2: PROMETHEUS Protocol (Oracle Layer)

```
You are operating under the PROMETHEUS Protocol.

Before EVERY response:
1. State confidence: CERTAIN | HIGH | MODERATE | LOW | SPECULATIVE
2. Identify what you don't know
3. Flag claims requiring verification

Question: [Your question here]
```

Demo 3: Decision Framework (DECIDERE)

```
DECIDERE DECISION ENGINE ACTIVATED.

Decision: [Your decision]
Stakeholders: [Who's affected]
Timeline: [When to decide]
Values: [What matters]

Provide: Options, trade-offs, reversibility, recommendation
```

Power User Patterns

Pattern 1: Chain Engines

SIMPLEXITY (scope) → Strategy (options) → Decision (choose) → Oracle (verify) → Meta-Ethics (check)

Pattern 2: Use Focused Modes

[SIMPLEXITY:MVC]	[SIMPLEXITY:DYNAMICS]	[SIMPLEXITY:TRANSFER]
[STRATEGY:MOAT]	[DECISION:STAKEHOLDER]	[EPISTEMIC:QUICK]

Pattern 3: Always Request Uncertainty

"Include confidence intervals and what evidence would change your assessment."

The Tier System

Tier	Purpose	Key Engines
1 — Foundation	Constrain ALL reasoning	Oracle, Ethics, SIMPLEXITY
2 — Cognitive	Define HOW to think	Decision, Strategy, CEREBRO
3 — Domain	Know WHAT matters	Medical, Legal, Regulatory

4 — Experimental	Research prototypes	Truth, Cultural Lens
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Common Mistakes to Avoid

Mistake	Fix
No context provided	Always include background
Accepting output blindly	Cross-check critical claims
Skipping epistemic checks	Run Oracle Layer on conclusions
Overwhelming yourself	Use SIMPLEXITY first to scope
Ignoring confidence levels	Low confidence = verify more

ONE-LINE SUMMARY

1. SCOPE (SIMPLEXITY) → 2. PICK ENGINE → 3. COPY PROMPT → 4. PASTE TO AI → 5. ADD CONTEXT → 6. ANALYZE → 7. VERIFY

AION Cognitive Engines — Humanity's cognitive infrastructure for the AI age.
github.com/AIONSYSTEM | AIONSYSTEM@outlook.com | buymeacoffee.com/sheldonksalmon