# PhiCode Template Library: Reusable Instruction Prompts

- Modular Design: Symbols and patterns are interchangeable
- Pattern Recognition: LLMs excel at following symbolic structures
- Consistent Results: Same patterns → Similar reasoning quality
- Minimal Customization: Change a few symbols, get domain-specific behavior

## **Unique** Core Template Structure

# **Ready-to-Use Templates**

#### 1. Data Analysis Template

#### 2. Code Review Template

```
∀ code.submission → review.comprehensive ⇒ {
    phase.1: architecture.analysis → {design.patterns, scalability,
    maintainability},
    phase.2: security.assessment → {vulnerabilities, authentication,
    data.protection},
    phase.3: performance.evaluation → {efficiency, optimization, bottlenecks},
    phase.4: quality.metrics → {readability, testing, documentation},
```

```
domain.technical: focus.on → [functionality ⊕ reliability ⊕ best.practices],
  flags: {% refactor.needed, ∮ performance.critical, ∱ security.concern}
}
```

#### 3. Business Analysis Template

```
∀ business.proposal → evaluation.strategic ⇒ {
   phase.1: market.analysis → {opportunity, competition, trends},
   phase.2: financial.assessment → {revenue.potential, costs, ROI},
   phase.3: risk.evaluation → {technical, market, operational},
   phase.4: recommendation → {go.no.go, modifications, timeline},
   domain.business: metrics → [growth.potential ⊕ profitability ⊕ feasibility],
   flags: { ⑤ financial.impact, ☒ growth.opportunity, ☒ risk.factor}
}
```

#### 4. Research Review Template

#### **5. Creative Content Template**

```
∀ creative.work → analysis.aesthetic ⇒ {
   phase.1: style.analysis → {technique, composition, originality},
   phase.2: content.evaluation → {message, emotion, impact},
   phase.3: technical.assessment → {execution, craftsmanship, innovation},
   phase.4: audience.consideration → {accessibility, engagement, effectiveness},
   domain.creative: focus.on → [expression ⊕ innovation ⊕ impact],
   flags: {⑤ artistic.merit, ⑥ innovative.approach, ⑥ audience.appropriate}
```

#### **6. Document Summarization Template**

```
∀ document → summarization.intelligent ⇒ {
   phase.1: content.mapping → {main.topics, key.points, structure},
   phase.2: importance.ranking → {critical, supporting, supplementary},
```

## **Customization Guide**

## **Minimal Effort Customization (5-10 changes):**

```
# Change domain
domain.technical → domain.medical
domain.business → domain.legal

# Update flags
{% refactor.needed} → {  dosage.concern}
{  financial.impact} → {  legal.compliance}
```

#### **Moderate Customization (15-20 changes):**

```
# Add specialized phases
phase.5: regulatory.compliance → {FDA, safety, documentation}

# Domain-specific focus areas
focus.on → [patient.safety ⊕ efficacy ⊕ side.effects]
```

#### **Template Combinations:**

```
# Hybrid analysis

∀ tech.startup.proposal → evaluation.hybrid ⇒ {
   technical.assessment: [USE code.review.template.phases],
   business.evaluation: [USE business.analysis.template.phases],
   synthesis: combine.technical ⊕ business.insights
}
```

## Quick Start Examples

#### **Email Analysis Template**

```
∀ email → analysis.communication ⇒ {
   phase.1: intent.detection → {request, information, complaint, praise},
```

```
phase.2: urgency.assessment → {immediate, routine, low.priority},
    phase.3: action.identification → {respond, delegate, archive, escalate},
    phase.4: response.drafting → {tone, content, timeline},
    flags: { imagent, images call.required, images call.sufficient}
}
```

### **Meeting Notes Template**

```
∀ meeting.transcript → structuring.systematic ⇒ {
    phase.1: topic.extraction → {agenda.items, discussions, decisions},
    phase.2: action.identification → {tasks, owners, deadlines},
    phase.3: follow.up.mapping → {next.meetings, dependencies, blockers},
    phase.4: summary.generation → {key.decisions, action.items, next.steps},
    flags: {☑ decided, ⑤ pending, ⑥ deadline.critical}
}
```

#### **Product Review Template**

```
∀ product.review → evaluation.comprehensive ⇒ {
   phase.1: feature.analysis → {functionality, usability, performance},
   phase.2: comparison.study → {competitors, alternatives, market.position},
   phase.3: user.experience → {satisfaction, pain.points, recommendations},
   phase.4: purchase.recommendation → {pros, cons, best.use.cases},
   flags: {★ standout.feature, ⚠ potential.issue, ⑤ value.proposition}
}
```

# **\*\*Benefits of PhiCode Templates**

## **Consistency**

- Same symbolic patterns → Predictable reasoning quality
- Standardized output formats across different users
- Reliable performance across time and domains

#### **Adaptability**

- Easy domain switching with minimal changes
- Modular components can be mixed and matched
- Conditional logic handles edge cases automatically

#### **Scalability**

- Templates can be extended with additional phases
- Multiple templates can be combined for complex analysis
- New domains can be added using existing patterns

## Quality

- Enforces systematic thinking through structured phases
- Built-in uncertainty handling prevents overconfidence
- Domain-specific flags ensure appropriate analysis depth

# **Pro Tips for Template Creation**

- 1. Start with the core structure and modify incrementally
- 2. Use meaningful phase names that guide reasoning
- 3. Include appropriate domain flags for visual clarity
- 4. Test with diverse inputs to validate adaptability
- 5. Combine templates for multi-domain analysis
- 6. Maintain symbol consistency for pattern recognition