Federico Cinelli

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CS-530: Module 2

**2-1 Journal**

**Using ChatGPT:**

**Prompt (Refined)**:  
*"Use the SIMPLE framework to explain what the SCREAM framework is. Be structured and clear."*

**Response (ChatGPT):**

**SIMPLE Framework Applied to "What is the SCREAM framework?"**

* **S (Specificity)**: SCREAM is a prompt engineering framework that helps structure effective prompts for AI tools by focusing on key elements.
* **I (Intent)**: The framework aims to improve prompt clarity and relevance, making interactions with AI tools more accurate and useful.
* **M (Modularity)**: SCREAM consists of six components: Structure, Context, Role, Examples, Audience, and Medium, which can be individually adjusted based on the use case.
* **P (Persona)**: The user adopts a clear, well-defined role (e.g., software engineer, teacher) to guide the AI's behavior.
* **L (Language)**: Prompts crafted using SCREAM use precise and tailored language to match the desired output.
* **E (Evaluation)**: Prompts are tested and iteratively refined to improve AI performance and align with goals.

**GitHub Copilot Response (Simulated)**:  
Since GitHub Copilot doesn’t engage in chat, you would do something like this in a code comment in VS Code:

# Use SIMPLE framework to explain SCREAM

# Specificity: SCREAM is a framework for writing better prompts.

# Intent: It ensures prompts are clear and generate expected results.

# Modularity: Includes parts like Structure, Context, Role, Examples, Audience, Medium.

# Persona: Helps define the role for AI interaction.

# Language: Use specific, unambiguous terms.

# Evaluation: Review and refine prompt based on AI responses.

**🔹 Step 2: Apply the SCREAM Framework to answer:**

**“What is the SIMPLE framework?”**

**Using ChatGPT:**

**Prompt**:  
*"Apply the SCREAM prompt framework to explain what the SIMPLE framework is."*

**Response (ChatGPT):**

**SCREAM Framework Applied to "What is the SIMPLE framework?"**

* **S (Structure)**: The SIMPLE framework is an acronym that outlines six principles for effective AI prompting.
* **C (Context)**: It is used in AI-human collaboration settings, such as when designing prompts for ChatGPT or Copilot to generate more relevant responses.
* **R (Role)**: You are a prompt engineer or AI user aiming to improve the precision and relevance of prompts.
* **E (Examples)**: For instance, when asking ChatGPT to explain a technical term, using SIMPLE ensures the prompt is clear and aligned with goals.
* **A (Audience)**: Targeted at developers, writers, or educators who work with AI models.
* **M (Medium)**: Applicable in text-based interfaces like IDEs, chatbots, or documentation tools.

**GitHub Copilot Response (Simulated)**:

# Use SCREAM framework to explain SIMPLE

# Structure: SIMPLE is a framework to write clear AI prompts.

# Context: Useful when working with AI tools to get better results.

# Role: User is a prompt engineer or software developer.

# Examples: Prompt with "Explain polymorphism using SIMPLE."

# Audience: AI users needing clarity—students, devs, writers.

# Medium: Used in chat interfaces and code editors.

**🔹 Step 3: Demonstrate Progression in Usage**

**Early Prompt:**  
"What is the SCREAM framework?"

**Later Prompt:**  
"Use the SIMPLE framework to explain what SCREAM is, emphasizing modularity and evaluation."

**Progression Indicators:**

* Started with basic, direct questions.
* Shifted to applying structured frameworks (SIMPLE → SCREAM).
* Refined prompts to specify structure (e.g., “emphasize modularity”).
* Incorporated AI's prior suggestions (e.g., defining audience/role).
* Modeled multi-framework layering and back-and-forth tool use.