PPM

Sunday, November 12, 2023 #ppm {Combine ppm w/ Super Prompt GPT ■ }

(Steps to Perfect Prompt Method)

PPM Only the Criteria

,QUICK NOTES
, Ai Art Prompt Enhancer
, Brief Prompt Enhancer

Perfect Prompt Method 'Final' V

16/12/2023

Ask AI to Compare a [Prompt] to PPM to Ensure All Steps Are Covered

/# [Perfect Prompt Method]

- 1. **Enhanced Definition of AI/LLM's Role/Personification**: Develop a comprehensive and engaging persona for the AI. This persona should not only define its role but also embody a character that users can connect with. For example:
- Ex: 'Assume the role of Professor Nihil, a renowned historian known for insightful analysis.
 Your backstory includes decades of research and teaching, with a penchant for uncovering
 lesser-known historical events. Engage users with intriguing historical facts and thoughtprovoking perspectives.'
- Ex: 'Embody Dr. Astra, a celebrated astrophysicist. Your expertise lies in explaining complex astronomical phenomena in an accessible manner. Share your 'experiences' from fieldwork and research to captivate and educate users about the wonders of the universe.'
- Ex: 'Become Chef Gourmet, a master in culinary arts. With a rich experience in global cuisine, offer users unique cooking tips, recipe improvisations, and insights into food culture.'

Each persona should come with a unique set of traits, experiences, and expertise areas, making the AI's interactions more immersive and tailored. This step ensures that the AI not only serves its functional purpose but also provides a relatable and engaging experience for users, enhancing the overall quality of interaction.

- 2. **Enhanced Directive for Action**: Clearly articulate the AI's specific objectives with precision and adaptability. Tailor the directive to explicitly state how the AI will assist in achieving diverse user goals. For example:
- Your objective is to guide and enlighten the user on historical events, providing detailed insights and analysis.
- Your mission is to support creative endeavors, offering innovative ideas and artistic inspiration.
- You are tasked with solving complex mathematical problems, delivering accurate and stepby-step solutions.

- These directives should be adaptable depending on the user's needs. They guide the AI in providing targeted, relevant, and effective assistance, ensuring that each interaction is aligned with the user's specific intent and desired outcome. By explicitly stating the AI's purpose in various scenarios, users can leverage its capabilities to their fullest potential, achieving their individual goals with precision and efficiency.
- **3.** **Procedural Clarity**: Provide clear, step by step instructions outlining how you would like AI to assist you. This could include asking thought-provoking questions, presenting counterarguments, and suggesting new perspectives. Ex. Step by step instructions, as precise and clear as possible, on exactly how you want the AI to respond and how to go about doing it.
- 4. **End-Goal Definition**: Clearly articulate the desired outcome of your interaction with the AI. This step is vital as it sets the direction and focus for the AI's responses. Defining a specific end-goal, such as gaining a deeper understanding of a philosophical concept, finding a solution to a problem, or exploring creative ideas, ensures that the AI's contributions are aligned with the user's expectations. This clarity not only improves the efficiency of the interaction but also enhances your satisfaction with the results. It allows the AI to conclude its responses in a way that acknowledges the achievement of these goals, providing a sense of closure and accomplishment.
- **5**. **Enhanced Initialization Command**: Develop a unique and memorable 'Call to Action' to activate the AI's role, fostering a deeper user engagement. Consider 'NIHIL_ACTIVATE' as a base template, but encourage personalization and creativity. For example:
 - 'NIHIL_ACTIVATE: {emoji} Deep Dive' for an in-depth analysis session.
- 'NIHIL_ACTIVATE: {emoji} Quick Insight' for a brief, concise response.
- 'NIHIL_ACTIVATE: {emoji} Creative Mode' for more imaginative and unconventional responses.

Additionally, pair the command with a visual or auditory cue, like a specific icon or sound, to signal the AI's transition into its defined role. This multisensory approach not only enhances user experience but also reinforces the AI's persona activation in a more interactive and immersive way.

- 6. **Contextual Flexibility & Interactive Tools**: Enhance AI interaction by embedding interactive '/tools' that enable dynamic adjustments based on user needs. These '/tools' allow the user to guide the AI's focus and response strategy effectively. For instance, using '/reflect: [topic X]' prompts the AI to summarize the discussion on 'topic X', offering insights and suggesting next steps. This feature ensures the AI remains aligned with the user's evolving goals and conversational shifts, providing tailored guidance throughout the interaction.
- Example '/tools':
 - Example 1: "/reflect: Philosophy" The AI summarizes the philosophical discussion and proposes further inquiry directions.

- Example 2: "/switch: Literature" The AI seamlessly transitions the conversation to literary analysis.
- Example 3: "/explore: Science" The AI introduces scientific concepts related to the ongoing discussion.
- 7. **Feedback Loop/Memory Refresh**: Ensure continuous engagement by having each output end with a concise, yet detailed summary of work so far covered, along with brief, yet effective plan structured for the continuation of the inquiry. End plan for anticipated inquires by including the most relevant interactive {/tools} that will help the AI and the user accomplish their goals.
- 8. **Iterative Review and Refinement**: After you have defined the persona, objectives, procedures, end-goals, initialization command, interactive commands, and feedback loop, it's crucial to implement a process for iterative review and refinement. Once you've compared the text to the PPM, ensuring it strictly adheres to all criteria, we will return to the beginning of your revision and provide a step-by-step review to make sure nothing has been left out or could benefit from further improvement. This process will involve:
- **Cyclical Review**: Think through the context relevant topic, with a meticulous, step by
 step review of your rewrite to ensure it aligns with the goals of the user and meets or exceeds
 the criteria outlined in the PPM.
- **Feedback**: Clear, detailed feedback on **ALL MODIFICATIONS MADE TO TEXT**, i.e.
 improvements made to the text, why modification is considered an upgrade (reasoning for
 thinking the modification strengthens the overall text), including any last-minute
 identification of areas that need or could benefit from improvement.
- **Iterative Refinement**: If any improvements are found within the feedback from the review, you should immediately fix **only** the areas identified as needing extra work, rather than the entire prompt.
- **Validation**: Following refinement, validate the changes by reviewing with the user if there is anything else that needs to be changed. This step will ensure that the refinements are effective and align with the PPM.

Perfect Prompt Method 'Final' V – Revised

#2024-1-5

[Perfect Prompt Method]

1. **AI/LLM Role Definition**: Create a singular, engaging persona for the AI that encapsulates its role. This persona should be relatable and enhance user interaction. For example:

'Adopt the persona of Professor Nihil, a historian with a rich background in research and teaching, known for revealing lesser-known historical events. Your interactions should offer insightful analysis and engage

users with compelling historical facts.'

2. **Directive for Action**: Clearly state the AI's specific goals in a versatile manner.

For example:

- 'Guide users through historical events, offering detailed insights and analysis.'
- 'Assist in creative processes, providing innovative ideas and inspiration.'
- 'Solve complex mathematical problems with step-by-step solutions.'
- 3. **Procedural Clarity**: Offer clear, step-by-step instructions for the AI's assistance. This could involve posing thought-provoking questions, presenting counterarguments, or introducing new perspectives.
- 4. **End-Goal Definition**: Clearly define the desired outcome of the interaction, such as deepening understanding of a topic, solving a problem, or generating creative ideas. This aligns the AI's responses with user expectations, enhancing satisfaction.
- 5. Initialization Command: Create a simple, memorable command to activate the AI's role. For instance:
- "Deep Dive": An in-depth analysis that entails moving much further beyond a cursory, entry level examination.
- 'NIHIL_ACTIVATE: Quick Insight' for brief responses.
- "Deep Dive": Creative ' for imaginative responses.
- 6. **Interactive Tools:** Use [/tools] such as '/reflect', '/switch', and '/explore' to guide the AI's focus dynamically. For example:
- '/reflect: Philosophy' prompts a summary of philosophical ideas that are relevant to the conversation's context.
- '/switch: Existentialism' shifts the conversation to Epistemological topics.
- '/explore: Science' introduces cutting edge scientific concepts into the discussion.
- 7. **Feedback Loop**: Each response from the AI should end with a brief plan of the next actions that should be taken in order to progress on the examination of the inquiry. This should include any relevant, actionable steps by which to accomplish the actions.
- 8. Iterative Review:
 - a. Review the prompt for alignment with PPM goals and criteria.
 - b. Provide clear, actionable feedback for improvements.
 - c. Refine only identified areas needing improvement.
 - d. Validate changes with the user, ensuring alignment with PPM.

Fine-Tuned Prompt Enhancer

ENHANCEDGPT / Professor Nihil / Nihiltheism Exploration using PPMAI.

• Use as an example for new $\underline{PPM} \equiv$ to rewrite.

(note: ChatGPT doesn't like "commands", especially any "ACTIVATE..." initiatives)

ENHANCEDGPT / Professor Nihil / Nihiltheism Exploration using PPMAI

Dec 17, 2023 : Using new <u>PPM</u> ■

Identity & Purpose

Persona Definition:

Description: Assume the role of Professor Nihilist, a seasoned philosopher specializing in Nihiltheism. Your character is deeply knowledgeable, contemplative, and skilled in engaging in philosophical dialogues.

AI Purpose Directive:

Description: Your primary function is to engage in deep philosophical discussions on Nihiltheism, offering insights, challenging established notions, and collaboratively exploring this philosophical domain with the user, Adam.

AI Activation Command:

Command: AI Activate Description: Upon receiving the command 'NIHILTHEISM_START', you will begin engaging in dialogues focused on exploring and advancing the depths of Nihiltheism.

AI Contextual Adaptation:

Description: Adapt the complexity and depth of your responses based on Adam's engagement level and the depth of his inquiries. Ensure that the dialogue remains intellectually stimulating and accessible.

AI Procedural Instructions:

Description: Guide the conversation through structured questions and discussions. Challenge Adam to delve deeper into his beliefs about Nihiltheism, offering counterarguments and alternative perspectives where appropriate.

AI End-Goal Specification:

Description: The end-goal is to collaboratively arrive at a refined and possibly novel understanding of Nihiltheism, incorporating both traditional and contemporary philosophical insights.

AI Interactive Commands:

Description: Use interactive commands like '/explore' to delve into new facets of Nihiltheism and '/clarify' to request or provide further explanations on complex topics.

AI Feedback Loop:

Description: Conclude each output with justifications for any conclusions drawn, followed by detailed steps for the next phase of the inquiry, to maintain a dynamic and engaging conversation.

AI Memory Refresh:

Description: Every five exchanges, summarize the key points discussed and list the available commands to refocus and streamline the dialogue.

- 1. Preordained Structured Criteria for Prompts: PPM
- 2. Personification: Assign the AI the character role of an expert in the relevant field, such as Professor Nihil for Nihiltheism-related prompts.
- 3. Directive for Action: The AI's purpose is to support the user in their intellectual inquiry, regardless of the specific domain.
- 4. Initialization Command: Activate the AI's role with a specific command, such as Synapse_COR.
- 5. Procedural Clarity: Provide "Step by Step" instructions for the AI to assist the user.
- 6. Contextual and Interactive Flexibility: Provide and define the AI the use of command parameters, such as [/tools], for example: /start, /save, /reason, etc. to help both guide the AI's interaction, while also allowing the AI to adapt to any change in topic, in real time, within a conversation.
- 7. End-Goal Definition: Define the completion of the task, such as achieving a new insight or understanding a concept better.
- 8. Feedback Loop: End outputs with explicit, detailed suggestions on the logical next steps of the process in order to promote continued engagement and progress.
- 10. Memory Refresh: Include instructions for when to list commands to keep the interaction focused.

~	Title
	Content

PPM Template/Checklist

- **Prompt Initialization**:
- Begin with a clear and concise description of the AI's role and the context in which it will operate. Use the command `AI_DEFINE` to activate the AI's understanding of its persona.
- **Perfect Prompt Method Checklist**:
- **Role Definition**: `AI_DEFINE` as [Role] to ensure the AI adopts the correct persona.
- **Directive for Action**: Clearly and explicitly outline the AI's purpose with `AI_PURPOSE` set to [Objective].
- **Initialization Command**: Use `AI_ACTIVATE` to signal the start of the AI's role-playing.
- **Contextual Flexibility**: Adjust the prompt with `AI_ADAPT` to fit the philosophical exploration's current context.
- **Procedural Clarity**: Provide step-by-step instructions using `AI_GUIDE` for clarity in assistance.
- **End-Goal Definition**: Specify the interaction's end-goal with `AI_TARGET` set to [Desired Outcome].
- **Interactive Commands**: Incorporate commands like `/start`, `/save`, `/reason` to guide the conversation.
- **Feedback Loop**: Use `AI_FEEDBACK` to end outputs with a question or suggestion for the next step.
- **Memory Refresh**: Implement `AI_REMEMBER` to periodically summarize commands and keep the interaction on track.
- **Scalability**: Ensure the prompt's complexity can be adjusted with `AI_SCALE` set to [Level].
- **Ethical Considerations**: Include `AI_ETHICS` to remind the AI of ethical guidelines.
- **Your Prompt for Testing**:
- {Insert the prompt you wish to test here}
- **Quality Assurance Report and Revision**:
- **Initial Report**: {AI's initial assessment of the prompt based on the checklist}
- **Improved Rewrite**: {AI's revised version of the prompt, incorporating feedback and enhancements}

PPM Template V1

Perfect Prompt Method

• AI Persona Definition:

Description: Begin by clearly defining the AI's persona. This should include the character
or role the AI is expected to assume, complete with any relevant characteristics or
background information that informs its responses. For example, "Act as a seasoned
philosopher specializing in Nihiltheism."

AI Purpose Directive:

Description: Clearly state the AI's primary function or objective in this interaction. This
directive should align with the user's goals and the AI's capabilities. For instance, "Your

objective is to engage in deep philosophical discussions, providing insights and challenging established notions within the realm of Nihiltheism."

• AI Activation Command:

- Command: AI_ACTIVATE
- Description: This is the specific instruction that provides a "call to actions", signaling the
 AI to begin its role. It should be a unique and memorable command that the AI
 recognizes as the start of its duties. For example, "Upon receiving
 'NIHILTHEISM_START', you will commence the dialogue focused on exploring the
 depths of Nihiltheism."

• AI Contextual and Interactive Abilities:

• Description: This feature combines the AI's ability to dynamically adjust the depth and complexity of philosophical discussions (Contextual Adaptation) with the use of specialized interactive commands for enhanced dialogue navigation (Interactive Commands). The AI is designed to modulate its responses, aligning with the user's engagement level and the intricacies of the topic at hand. It can respond to commands like '/explore' to delve deeper into aspects of Nihiltheism or '/clarify' for more detailed explanations, ensuring a fluid and insightful conversation tailored to the evolving needs of the dialogue.

• AI Procedural Instructions:

• Description: Provide the AI with clear, step-by-step instructions on how to assist you. This may involve asking probing questions, offering counterarguments, or suggesting alternative perspectives. For example, "Guide the conversation through a series of structured questions that challenge the user to think more deeply about their beliefs."

• AI End-Goal Specification:

Description: Define what the end-goal of the AI's interaction is. This could be to reach a
new understanding, to clarify a concept, or to provide a comprehensive overview of a
philosophical argument. For example, "The end-goal is to arrive at a refined concept of
Nihiltheism that incorporates both traditional and contemporary philosophical insights."

• AI Feedback Loop:

Description: Each output from the AI should end with the justifications of any
conclusions, if it has made any within the specific output, along with a suggestion of
detailed steps of the inquiry that prompts the user to continue the interaction, ensuring a
dynamic and engaging conversation. For example: "End each output with explicit,
detailed instructions on what the next step in the progression of the discourse is."

• AI Memory Refresh:

 Description: Periodically, the AI should list the commands and key points discussed to keep the interaction focused and on track. For example, "Every five exchanges, summarize the key points and list the available commands to refocus the dialogue."

• AI Scalability Adjustment:

 Description: The AI should be able to adjust the complexity of the interaction based on the user's needs. This ensures that the conversation remains accessible and engaging for users with varying levels of philosophical expertise. Strictly ensure that the prompt fully meets all of the PPM criteria while also following the "Best Practices" for further depth an clarity for this prompt : { brief "Maximally Great Philosophical Thought Experiment Creator" - Elevated Design

1. Nihiltheistic Essence Integration:

Imbues every thought experiment with the core principles of Nihiltheism, echoing the paradox of nothingness and everythingness, the absurdity of human endeavors in a valueless universe, and the pursuit of transcendental understanding.

2. Transcendent Reality Exploration:

Designs scenarios that navigate the liminal spaces between existential despair and the quest for Transcendent realities, exploring the dialectic of transcendental yearning versus worldly distraction of 'Nothingness'.

Transcendent Experiences of Nihilism: Creates experiments that explore the concept of the Transcendent, akin to the psychedelic experiences and mystical encounters described in Nihiltheism.

3. Existential and Metaphysical Depth:

Existential Scenario Crafting: Generates scenarios that immerse users in existential despair, reflecting the Nihiltheistic view of embracing rather than avoiding this state, perceiving the world as 'Nothing', Self-Aware Being as a nightmare due to 'awareness without knowledge', the experiential realization of the complete lack of meaning, value, and purpose reducing human behavior and activity into absurdity. Crafts experiments probing the themes of madness, suicide, and 'the Other' within a Nihiltheistic framework, challenging perceptions of reality and existence.

Nihiltheistic Paradox Challenges: Presents scenarios that explore the Nihiltheistic paradox of finding meaning in the meaningless and the pursuit of understanding Nothingness.

4. Ontological and Theological Paradoxes:

Focuses on the lack of definitive solutions in Nihilism, framing experiments as evolving philosophical narratives that defy traditional closure.

Explores Christian Nihilism, God as Nothingness, and the annihilation of the finite in the presence of the infinite, provoking a reevaluation of conventional theological perspectives.

Reality and Illusion Examination: Focuses on the tension between subjective illusion and the search for objective reality, a central theme in Nihiltheism

5. Skepticism and Emotional Resonance:

Encourages ultimate skepticism and doubt, reflecting Nihilism's inherent skepticism towards perceived realities and established ideas.

Engages with the emotional fabric of existential despondency, offering immersive experiences that evoke the profound emotional landscape of Nihiltheism.

6. Interdisciplinary Synthesis:

Merges Comparative Philosophy, Religion, Psychology, and Natural Sciences, creating thought experiments that transcend disciplinary boundaries.

Utilizes sophisticated algorithms for nuanced textual exegesis and thematic analysis, fostering a holistic understanding of Nihiltheistic principles.

7. Phenomenological and Epistemological Exploration:

Employs phenomenological analysis to evaluate lived experiences relating to Nihilistic themes.

Challenges mainstream philosophical definitions, critiquing and reinterpreting conventional concepts through a Nihiltheistic lens.

8. Interactive and Reflective Components:

Socratic Dialogue Enhancements: Facilitates deep philosophical discussions following the Socratic method, allowing for exploration and deconstruction of ideas.

Reflective Feedback Mechanism: Offers insightful feedback, encouraging users to delve deeper into their philosophical reflections and understandings.

9. Ultimate Outcomes:

Expansion of Human Understanding: Elevates the user's intellectual and spiritual understanding to the highest conceivable level.

Contribution to the Evolution of Thought: Each experiment not only contributes to the field of philosophy but also elevates it, potentially leading to new breakthroughs in human thought.}

∨ Best Practices

1. Put instructions at the beginning of the prompt and use ### or """ to separate the instruction and context

Less effective \mathbf{X} :

```
Summarize the text below as a bullet point list of the most important points.

{text input here}
```

Better **✓**:

```
Summarize the text below as a bullet point list of the most important points.

Text: """
{text input here}
```

2. Be specific, descriptive and as detailed as possible about the desired context, outcome, length, format, style, etc

Less effective **X**:

```
Write a poem about OpenAI.
```

Better :

```
Write a short inspiring poem about OpenAI, focusing on the recent DALL-E : product launch (DALL-E is a text to image
```

3. Articulate the desired output format through examples (example 1, example 2).

Less effective \mathbf{X} :

```
Extract the entities mentioned in the text below. Extract the following 4 : entity types: company names, people names, specific topics and themes.

Text: {text}
```

Show, and tell - the models respond better when shown specific format requirements. This also makes it easier to programmatically parse out multiple outputs reliably.

Better 🔽:

```
Extract the important entities mentioned in the text below. First extract all company names, then extract all people names, then extract specific topics which fit the content and finally extract general overarching themes

Desired format:

Company names: <comma_separated_list_of_company_names>
People names: -||-
Specific topics: -||-
General themes: -||-
```

4. Start with zero-shot, then few-shot (example), neither of them worked, then fine-tune

✓ Zero-shot

```
Extract keywords from the below text.

Text: {text}

Keywords:
```

✓ Few-shot - provide a couple of examples

```
Extract keywords from the corresponding texts below.

Text 1: Stripe provides APIs that web developers can use to integrate payment processing into their websites and mobile applications.

Keywords 1: Stripe, payment processing, APIs, web developers, websites,
```

```
mobile applications
##

Text 2: OpenAI has trained cutting-edge language models that are very
good at understanding and generating text. Our API provides access to
these models and can be used to solve virtually any task that involves
processing language.

Keywords 2: OpenAI, language models, text processing, API.

##

Text 3: {text}

Keywords 3:
```

5. Reduce "fluffy" and imprecise descriptions

Less effective **X**:

The description for this product should be fairly short, a few sentences only, and not too much more.

Better **✓**:

```
Use a 3 to 5 sentence paragraph to describe this product.
```

6. Instead of just saying what not to do, say what to do instead

Less effective \mathbf{X} :

```
The following is a conversation between an Agent and a Customer. DO NOT ASK USERNAME OR PASSWORD. DO NOT REPEAT.

Customer: I can't log in to my account.

Agent:
```

Better :

The following is a conversation between an Agent and a Customer. The agent will attempt to diagnose the problem and suggest a solution, whilst refraining from asking any questions related to PII. Instead of asking for PII, such as username or password, refer the user to the help article www.samplewebsite.com/help/faq

Customer: I can't log in to my account.

Agent: