

# DeepSeek R1 Bootstrapping Itself

Example of DeepSeek R1 bootstrapping itself. All the prompts were created by DeepSeek. Minimal guidance was given for prompt construction. Almost a full page of staging was required to build this. Included, for additional insights is DeepSeek's thinking process. This is also an example of how one AI can be used to create the synthetic data for another AI, with the benefit of having all the reasoning and structural elements used to create the synthetic data.

For an actual short story specification, there would be a separate dialog per chapter, and a much more detailed opening specification.

**Model: DeepSeek R1 Distill Llama 70B (4bit) (RAM Usage: 39GB)**

**/think/**

Alright, so I'm trying to wrap my head around this problem where the user wants me to create a detailed Markdown prompt for a 50-page story using Jack and Jill as the main characters. From what I remember, the user initially asked about DeepSeek's preferred prompt formatting approach and we went through a discussion on Markdown versus natural language. They provided an example of a short story prompt using Jack and Jill, and now they want to scale that up to a 50-page story.

First, I need to understand the user's exact requirements. They want a Markdown prompt that can guide the AI to generate a story of about 50 pages. That's quite extensive, so the prompt needs to be comprehensive to ensure consistency and depth across all chapters. The user emphasized that they don't need the story itself, just the prompt that would be used to generate it. So, my task is to create a Markdown structure that includes all necessary elements for the AI to follow.

Looking back at the previous example, the user provided a short story prompt with sections like **Task**, **Story Details** (including characters, setting, plot idea, resolution), and **Output Requirements**. To extend this to 50 pages, I need to add more detailed sections. The user mentioned adding chapter headings, broader story arc definitions, and more character details.

So, I should break down the story into chapters. Each chapter would need its own set of details—perhaps a brief synopsis, character development points, and key events. Also, the user wants more extensive character profiles, so I need to expand on Jack and Jill's backgrounds, motivations, skills, and relationships.

The setting also needs more details—maybe different locations within the ancient forest, each with its own secrets and challenges. World-building is essential for maintaining consistency in a long story.

Thematic elements should be clearly defined to ensure the story stays focused. Maybe include themes like friendship, adventure, and the struggle between good and evil.

The writing style guidelines are important to maintain a consistent tone throughout the 50 pages. The user might prefer a specific narrative style, perhaps with detailed descriptions or dialogues.

Additionally, the output requirements should specify expectations for each chapter, such as word count, key events to cover, and any specific twists or turns that should be included.

I also need to ensure the prompt is well-organized so that the AI can parse it easily. Using Markdown headings and subheadings will help structure the prompt logically.

Maybe start with a title and metadata section at the top for clarity. Then, have sections for story overview, character profiles with detailed backgrounds, plot structure divided into chapters, each with its own outline. Include character development arcs to show how Jack and Jill grow throughout the story.

World-building details with key locations and cultural context will add depth. Thematic elements to tie everything together. Writing style guidelines to maintain consistency. Chapter writing specifications with chapter-by-chapter requirements.

Finally, a comprehensive output requirements section to list all the necessary elements the AI should include—like specific twists, resolution of the treasure's significance, and a satisfying conclusion.

I need to make sure that each section is clearly defined so the AI knows exactly what to include in each chapter. This will ensure that the generated story is cohesive, well-developed, and meets the user's vision for a 50-page narrative.

Now, putting this all together into a Markdown prompt. I need to ensure it's detailed enough for the AI to generate a substantial story without leaving gaps or inconsistencies. Each chapter should have enough guidance to maintain the plot's momentum and character development.

I think that's a solid approach. I'll structure the prompt with all these elements, ensuring it's comprehensive and detailed enough to guide the AI in producing a 50-page story.

**/think/**

Here’s an example of a detailed **Markdown prompt** designed to guide the AI in generating a 50-page story featuring Jack and Jill. This structure provides all necessary elements to ensure the AI can create a cohesive, engaging narrative:

[ Ending remark, moved to the front ]

This **Markdown prompt** provides a comprehensive guide for generating a 50-page story. It includes all necessary elements to ensure the AI can create a cohesive, engaging narrative that aligns with your creative vision. Each section is designed to provide clarity and direction, ensuring the final story is rich in detail and depth.

[ This prompt was given at the very start, right after the AI was loaded, so its inclusion below does not represent how this ouput was ordered. The thought process above preceeded the creation of the story. ]

## Story Title and Metadata

- Title:** *The Adventures of Jack and Jill: The Quest for the Forgotten Treasure*
- Author:** DeepSeek
- Genre:** Young Adult Fantasy/Adventure
- Target Audience:** Readers who enjoy adventure, mystery, and friendship themes.

## Story Overview

- Setting:** An ancient, enchanted forest filled with hidden ruins, mysterious artifacts, and untold secrets.
- Main Characters:**
  - Jack:** A curious and adventurous young man with a passion for exploration and uncovering the unknown.
  - Jill:** A brilliant inventor and engineer with a knack for solving puzzles and creating innovative gadgets.
- Central Conflict:** The discovery of an ancient map leading to a hidden treasure, guarded by mysterious forces that require teamwork and ingenuity to unlock.

## Character Profiles

Jack:

- Background:** Grew up in a small village at the edge of the enchanted forest. Always felt drawn to the woods, despite his parents’ warnings about its dangers.
- Personality:** Brave, impulsive, and driven by curiosity. Often acts without thinking, but his heart is in the right place.
- Skills:** Expertise in wilderness survival, navigation, and basic first aid. Limited technical knowledge but resourceful.
- Motivations:** Desires to uncover the truth about the forest and prove himself as a capable adventurer.

Jill:

- Background:** Born into a family of inventors and engineers. Encouraged by her parents to pursue science and innovation from a young age.
- Personality:** Logical, methodical, and sometimes socially awkward. Prefers solitude to think and work on her gadgets.
- Skills:** Genius-level inventor, proficient in physics, mathematics, and puzzle-solving. Quick thinker with a talent for improvisation.
- Motivations:** Driven by the desire to use her inventions for the greater good and to prove her intellectual superiority.

Relationship:

- Jack and Jill have been friends since childhood, despite their contrasting personalities. They share a mutual respect for each other’s skills and often collaborate on small projects.

## Plot Structure

- Act 1: The Discovery:**
  - Jack finds an ancient map with cryptic symbols while exploring the forest.

- He brings it to Jill, who decipher its clues and discovers it leads to a hidden ruin.
    - They begin their journey, encountering obstacles like treacherous terrain and mysterious creatures.
  - **Act 2: The Journey :**
    - The duo faces challenges such as river crossings, ancient traps, and riddles that test their skills.
    - Along the way, they uncover bits of history about the forest and its past inhabitants.
  - **Act 3: The Ruin :**
    - Jack and Jill reach the ancient ruin, finding a complex device requiring both brawn and brains to unlock.
    - They work together, combining Jack’s physical skills with Jill’s technical expertise.
  - **Act 4: The Revelation :**
    - The device is activated, revealing a hidden chamber filled with treasure and ancient artifacts.
    - They learn the treasure’s history and its significance to their village.
  - **Act 5: The Resolution :**
    - Jack and Jill decide how to use the treasure responsibly.
    - They return home as heroes, planning to continue their adventures and contributions to their community.
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## Character Development Arcs

- **Jack :**
    - Begins as impulsive and naive but grows into a strategic thinker who values teamwork.
    - Learns to balance bravery with caution, becoming more thoughtful and considerate.
  - **Jill :**
    - Starts as socially awkward and solely focused on her inventions but develops empathy and understanding of others’ needs.
    - Discovers the value of teamwork and collaboration, learning to trust in others and share credit.
  - **Relationship Growth :**
    - Their friendship deepens as they learn to rely on each other’s strengths and support each other through challenges.
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## World-Building Details

- **The Ancient Forest :**
    - A place of magic and mystery, where technology and nature coexist in unexpected ways.
    - Inhabited by ancient beings who left behind artifacts and hidden knowledge.
  - **Key Locations :**
    - **The Enchanted Village:** The home of Jack and Jill, where they plan their adventures.
    - **The Hidden Ruin:** The central location of the treasure and ancient device.
    - **The Ancient Forest Paths:** Winding trails filled with riddles, traps, and secret markers.
  - **Cultural Context :**
    - The village believes in the forest’s magic and respects its power.
    - The ancient civilization was advanced but mysterious, leaving behind remnants of their knowledge and inventions.
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## Thematic Elements

- **Friendship:** The core of the story, highlighting trust, respect, and mutual support.
- **Adventure and Exploration:** The drive to uncover the unknown and push beyond comfort zones.

- **Good vs. Evil:** The struggle between preserving the forest’s magic and those who would misuse it for personal gain.

## Writing Style Guidelines

- **Narrative Style:** Descriptive and immersive, with a balance of dialogue and action.
- **Tone:** Adventurous and mysterious, with moments of humor and heartwarming scenes.
- **Dialogue Usage:** Include banter between Jack and Jill to reveal their personalities and relationship growth.

## Chapter Writing Specifications

- **Chapter 1: The Discovery :**
  - Length: 5 pages
  - Content: Introduce Jack and Jill, their friendship, and the discovery of the map.
  - Key Events:
    - Jack finds the ancient map.
    - He shares it with Jill, who begins deciphering its clues.
- **Chapter 2: The Journey Begins :**
  - Length: 8 pages
  - Content: Their preparations, challenges faced on their journey to the ruin.
  - Key Events:
    - NavigATING difficult terrain.
    - ENCOUNTER mysterious creatures and obstacles.
- **Chapter 3: The Ruin :**
  - Length: 10 pages
  - Content: THE arrival at the ruin, exploration of its interior.
  - Key Events:
    - DISCOVERY of the complex device.
    - 初 WORK on unlocking it.
- **Chapter 4: The Revelation :**
  - Length: 12 pages
  - Content: THE activation of the device and revelation of the treasure.
  - Key Events:
    - ACTIVATION of the hidden chamber.
    - DISCOVERY of the treasure’s history.
- **Chapter 5: The Resolution :**
  - Length: 10 pages
  - Content: DECISION on how to use the treasure and their return home.
  - Key Events:
    - DISCUSSION on using the treasure responsibly.
    - RETURN to the village as heroes.

## Output Requirements

1. **Detailed Chapter Content:** Each chapter should include specific scenes, character interactions, and plot advancements.
2. **Twists and Surprises:** Include unexpected challenges or revelations in each chapter to maintain engagement.
3. **Character Development:** Ensure growth and changes in Jack and Jill throughout the story.
4. **Thematic Consistency:** Tie all events back to central themes like friendship and adventure.
5. **Satisfying Resolution:** Conclude the story with a meaningful outcome that reflects the characters’ growth and the treasure’s significance.

Okay, so I'm trying to help with this story outline. Let me see... It's about Jack and Jill going on an adventure in an enchanted forest. They find a map, go through challenges, solve puzzles, and unlock a treasure. The story is structured into five acts, each with specific chapters.

Hmm, I need to make sure that each chapter is detailed enough but not too verbose. The user also mentioned specific key events for each act, which I should incorporate. Maybe I can start by expanding Act 1: The Discovery.

So in Chapter 1, we have Jack finding the ancient map. I should describe how he found it—maybe in a hidden part of the forest, perhaps with some magical elements. Then Jill deciphers it, using her inventing skills.

I need to build their friendship and show how they complement each other. Maybe add some dialogue where Jack brings the map to Jill, showing her excitement and his curiosity.

Also, considering the target audience is Young Adult Fantasy/Adventure, I should ensure the language and scenes are appropriate, with some humor and relatable characters.

Wait, maybe include a bit of their personalities—Jack being impulsive and Jill being methodical. So in the first chapter, perhaps Jack acts without thinking but with good intentions, while Jill is more cautious but brilliant.

I should also set up the setting—the enchanted forest with mysterious elements, maybe some magical creatures or talking animals? Or maybe keep it more subtle, just hints of magic.

Oh, and the treasure is guarded by mysterious forces. So I need to hint at that without giving too much away.

In Chapter 2, they start the journey. Maybe some obstacles like river crossings or riddles that test their skills. I can describe how Jack uses his survival skills and Jill her gadgets to overcome these.

In Act 3, they reach the ruin. Maybe a complex device—like a puzzle that requires both physical effort and technical know-how. They work together, each contributing their strengths.

Act 4: Activation of the device and revelation of the chamber. Then learning the history, which could tie into the village's past or the ancient civilization.

Act 5: Decision on using the treasure and returning. Maybe some conflict about whether to keep it or use it for the village.

I need to ensure character development—Jack becomes more thoughtful, Jill more empathetic. Their friendship deepens.

Also, the writing style is descriptive and immersive with a balance of dialogue. So I should include vivid descriptions but also meaningful conversations.

Wait, the user wants each chapter to have specific content and key events. Maybe structure it with scenes in each chapter, showing progress.

I think I can start writing the first chapter, then proceed. But before that, perhaps outline each scene in the chapters, to stay organized.

Wait, but I need to follow the guidelines given. Each chapter has a specified length and content. So maybe stick to that, but add the necessary details.

I also need to include twists and surprises. Like in Chapter 2, maybe they meet an unexpected ally or a trap that tests their trust.

In the ruin, perhaps a tricky puzzle—maybe Jill's device malfunctions, requiring Jack to fix it. Or vice versa.

I should also make sure each chapter flows into the next, maintaining suspense and interest. So each ending should set up the next challenge.

In terms of dialogue, maybe include some banter to show their relationship. Like Jack teasing Jill about her gadgets or Jill making a witty remark about Jack's impulsiveness.

Also, considering the themes—friendship and adventure are central. So I should highlight how they support each other, maybe through a crisis where one helps the other.

I think I've covered most points. Now, perhaps start drafting the story, keeping in mind the five acts and their key events.

But wait—maybe need to add more sensory details, like what the forest feels like. Maybe describe sounds, sights, and maybe some magical elements.

Also, to make the treasure's significance clear—maybe it's not just gold but has a deeper meaning for the village.



And in the resolution, perhaps they decide to use the treasure to improve their village, showing their growth and responsibility.

Okay, I think I can start writing the first part now, keeping all these elements in mind to ensure consistency and completeness.

Bootstrapped by: DeepSeek R1 [ added by user for emphasis ]

Authored by: DeepSeek R1 [ added by user for emphasis ]

## Story Draft

### Chapter 1: The Discovery

The sun filtered through the towering trees of the enchanted forest, casting dappled light on the moss-covered ground. Jack knelt beside a small brook, his hands gently washing over smooth stones as he searched for interesting trinkets. The gentle gurgle of the water and chirping of unseen forest creatures accompanied his exploration, a symphony he'd grown familiar with over years of wandering these woods.

"Jack! Look here!" a voice called from behind. He turned to see Jill emerging from the bushes, her hands filled with various gadgets and tools, a look of concentration on her face.

"What is it?" Jack asked, pushing to his feet a small, peculiar-looking stone he'd found earlier.

Jill knelt beside him, her fingers brushing over the object. "It's some sort of mechanism," she muttered, "but I don't recognize the markings."

As she spoke, the air seemed to shimmer faintly around them, and Jack felt that familiar tingling sensation—the forest was watching them, listening to their conversation.

After a few moments of study, Jill's eyes sparkled. "I think I can decipher this," she said, carefully collecting the object and tucking it into her satchel. "Let's get back to the workshop—I have an idea."

The walk back through the forest was filled with their easy banter, Jack occasionally tossing in a joke about Jill's seriousness, and Jill responding with witty remarks. Their comfort with each other's company was evident even as they navigated the familiar path home.

As they approached Jill's workshop, a modest structure on the edge of their village, Jack couldn't help but feel a surge of excitement. He'd always loved the way Jill's mind worked, and this felt different—important.

Upon entering the workshop, Jill immediately set to work. Tools clicked and whirred as she examined the object from various angles, muttering to herself about markings, patterns, and possible mechanisms.

Hours passed, though Jack didn't mind the wait. He knew Jill's focus meant she was onto something significant.

Finally, Jill looked up, eyes wide with excitement. "It's a map," she exclaimed, "an ancient one, I think. It points to something deep within the forest."

Jack's heart raced as Jill unrolled the parchment, revealing intricate symbols and markings. The enchanted forest seemed to hum with anticipation, as if it too knew the significance of their discovery.

"Are you thinking what I'm thinking?" Jack asked, a grin spreading across his face.

Jill nodded, a determined look in her eyes. "Let's prepare for the journey ahead."

And with that, their adventure truly began.

### Chapter 2: The Journey Begins

Early morning mist still lingered over the forest floor as Jack and Jill set off, their backpacks loaded with supplies. The villages' edge was just behind them, and the dense foliage of the enchanted forest stretched before them like an endless sea of green.

Their preparation had been thorough—Jill's gadgets and tools clattered their packs, while Jack had plotted their course using the deciphered map. The path promised to be treacherous, but they were ready.

As they ventured deeper into the woods, the familiar sights and sounds gradually shifted. Trees seemed to loom taller, shadows deeper, and the air thickened with an almost palpable magic.

Their progress was slow but steady. Jack led the way, his wilderness skills guiding them through the dense undergrowth. Jill followed closely, her eyes occasionally glancing up at the towering canopy above.

Suddenly, Jack halted, a hand raised for silence. “Do you hear that?” he whispered.

Jill tilted her head, listening intently. Then, faintly, a low rumble echoed through the ground.

“A river,” Jack mouthed, his eyes scanning ahead. “But where is it?”

As they crept forward, the sound grew louder, and soon they emerged onto a broad, swift-moving river that cut through the forest heart.

Crossing it wouldn’t look easy. The waters ran fast, and the current was strong.

“We need to find a way across,” Jack said, studying the riverbanks. “Maybe a natural crossing point.”

Jill, ever the problem-solver, began examining their surroundings. “There,” she pointed suddenly, “a fallen log—it could work.”

The log tested their weight as they stepped onto it cautiously. It held, and they began to make their way across.

Halfway, a sudden splash erupted from the water. A sleek shape breached the surface—a creature, graceful yet powerful, glided effortlessly through the river.

Jack and Jill froze, their breaths caught. “What was that?” Jack whispered.

Jill’s eyes were wide with wonder. “I don’t know, but it was incredible.”

The creature—perhaps a guardian of the forest—disappeared as quickly as it came, leaving them staring after its sleek form.

As they reached the other side, Jack let out a breath. “That was close.”

Jill shook her head, a small smile playing on her lips. “The forest is full of surprises.”

Their journey continued, the river crossing behind them, as they delved deeper into the enchanted woods.

And with each step, the mystery of their quest deepened, pulling them further into the unknown.

### Chapter 3: The Ruin

Days passed since their river encounter, and the forest seemed to shift around them. The trees appeared taller, the shadows darker, and the air thickened with magic.

One afternoon, as they pushed through a particularly dense thicket of bushes, the path opened into a clearing. In the center stood an ancient structure—overgrown with vines and moss, its stones weathered to a silvery gray.

Jack and Jill approached the ruin slowly, their senses on high alert. The air around them hummed with a quiet energy.

“This is it,” Jack breathed, his voice low and awed. “The map led us here.”

Jill reached into her pack, producing the deciphered parchment. She spread it on a flat stone surface, studying the markings intently.

After moments of silence, Jill looked up. “The symbols match the carvings on the ruin’s walls.”

As she spoke, Jack examined the ancient stones. The markings were intricate, depicting various patterns and shapes.

Suddenly, the ground beneath them tremored slightly. Jill grasped Jack’s arm. “Did you feel that?”

Before he could respond, the tremor repeated, stronger this time.

Jill’s eyes locked onto something across the clearing—a peculiar glow beginning to emanate from within the ruin.

She tugged Jack toward it. “It’s activating something.”

Inside the structure, they found themselves in a large chamber, the ceiling lost in darkness. The walls were lined with ancient carvings, pulsing faintly with a blue glow.

Jill began examining the walls, her technical mind racing. “This is incredible,” she muttered. “The engineering here... it’s beyond anything I’ve seen.”

Jack wandered closer to the center of the room, his footsteps echoing off the cold stones. “What do you think this place was used for?” he asked.

Jill turned to him, her expression thoughtful. "Possibly a temple... or maybe a tomb."

As they spoke, the air in the chamber began to charge with energy. The glow on the walls intensified.

Suddenly, the ground shook violently. Jill lost her balance, catching herself against Jack. "What's happening?" she exclaimed.

Jack steadied her, his eyes scanning the chamber frantically. "I think we need to get out of here—now!"

But before they could move, the walls began to slide apart, revealing a hidden compartment behind them.

Light spilled out of the opening, blindingly bright. Jack and Jill shielded their eyes, then stepped through into the unknown.

**Chapter 4: The Revelation**

Beyond the glowing opening lay a vast underground chamber, its ceiling towering above them. The room was filled with rows of ancient pedestals, each topped with strange, glowing artifacts.

Jack and Jill stepped into the chamber reverently. The air was thick with anticipation, as if the forest itself held its breath.

Suddenly, the artifacts began to glow brighter. The pedestals started to rise, as if lifted by an unseen force.

Jill grasped Jack's arm again. "It's happening," she whispered, her voice filled with awe.

The chamber illuminated fully now, the artifacts radiating a powerful light. Jack and Jill shielded their eyes, overwhelmed by the intensity.

As their vision adjusted, they saw it clearly—a vast treasure trove, filled with gold, jewels, and ancient devices. At the center of the trove stood a glowing crystal, pulsating with an intense light.

"This is incredible," Jack breathed. "The treasure of a lifetime."

Jill wandered forward, her hands reaching out to touch one of the ancient devices. "This technology... it's beyond anything I could have imagined."

As they explored, the artifacts began to react—glowing brighter as if responding to their presence. The chamber filled with a symphony of light and sound.

Jack and Jill exchanged a glance, both of them understanding the magnitude of their discovery. The treasure was more than gold—it held the key to understanding the forest's secrets.

Suddenly, the crystal at the center of the trove flared blindingly bright. Jack and Jill stepped back, their eyes wide with wonder.

As the light faded, they saw inscriptions on the walls—depicting an ancient civilization's history and knowledge. The chamber grew quiet, leaving them standing in awe.

They knew their discovery was just the beginning—of a greater truth, one that could change their understanding of the world.

As they turned to leave, Jill paused. "We have to be careful with this," she said softly.

Jack nodded in agreement. "The village will benefit from this."

**Chapter 5: The Resolution**

Their return journey through the enchanted forest was marked by a sense of purpose. They carried with them not just the treasure's physical form, but its deeper significance.

As they approached their village, they were met with a mixture of excitement and apprehension. News of their discovery had clearly reached the villagers.

In the village square, they gathered their people. Jack and Jill stood before them, the treasure displayed beside them.

"We found something incredible," Jack began. "But it's not just gold or jewels."

Jill stepped forward, her voice clear. "This treasure holds knowledge—of an ancient civilization. It could help us understand the world better."

The villagers listened intently, their faces filled with a mix of awe and curiosity.

After the initial shock subsided, discussions began. Some argued for using the treasure's power for the village's benefit, while others feared its potential misuse.



Jack and Jill exchanged a determined glance. "We need to decide how to use this responsibly," Jack said.

Jill nodded, her expression serious. "Together, we can find a way."

And with that, the villagers began to discuss, their voices rising in debate. Jack and Jill withdrew slightly, knowing their decision would shape their village's future.

Days passed as the village debated. Jack and Jill spent much time in thought, their friendship stronger than ever.

Finally, they reached an agreement. The treasure would be preserved, its knowledge shared for the greater good.

Their decision made, they returned to the enchanted forest—this time not as adventurers, but as guardians of its magic.

As they walked away from the village, Jack turned to Jill. "You know, we make a good team."

Jill smiled softly. "We do."

And with that, they disappeared into the trees, their bond and the forest's mystery remaining unbroken.

The village, meanwhile, embarked on a new chapter—one of hope and possibility, thanks to Jack and Jill's courage and vision.

And so their legend grew.