UPDATE 22/01

Problem 1: Language Switching and Odd Format

Previously, my open-source LLM (Command-R7B) demonstrated limitations in handling long contexts, especially with prompts that include a lot of detailed information, such as relationship status, retrieval events, thoughts, guidance, and more.

The lack of context understanding causes the LLM's responses to become increasingly odd as the input prompt gets longer, leading to issues like language switching and odd formatting.

Issue Observed

Testing the model on OpenRouter revealed challenges in scenarios where two agents meet for the first time and lack prior knowledge of each other. Both **Command-R7B** and **WizardLM-8x22B** failed to process contextual information effectively, leading to awkward introductions despite explicitly including this information at the end of the prompt.
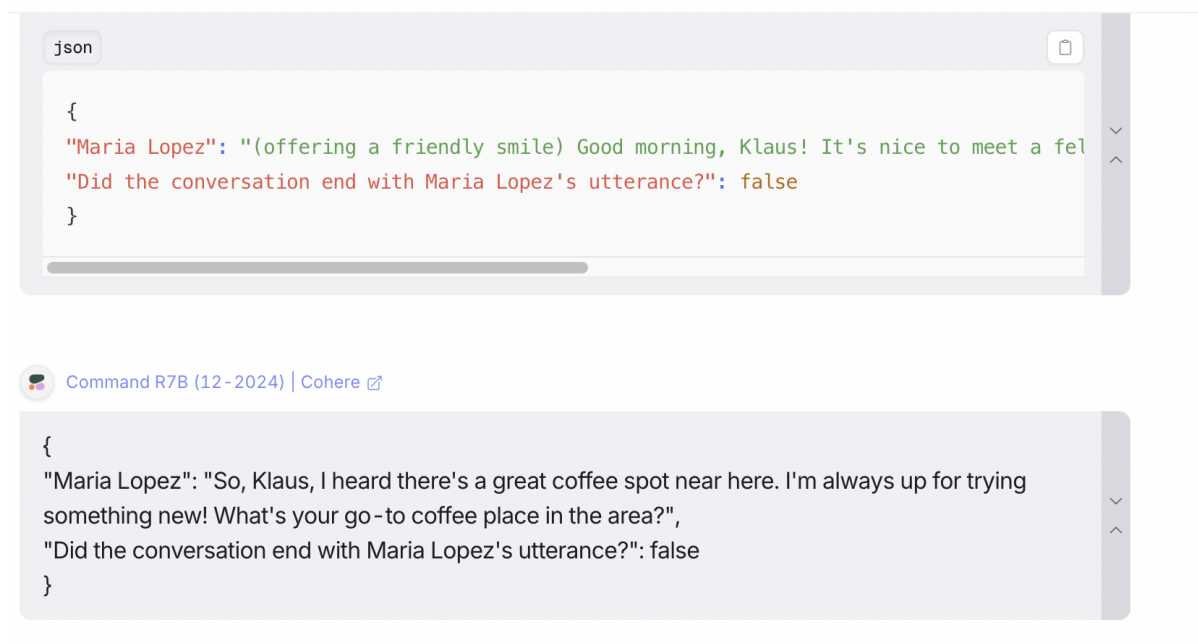
```json
{
"Maria Lopez": "(offering a friendly smile) Good morning, Klaus! It's nice to meet a fel
"Did the conversation end with Maria Lopez's utterance?": false
}
```

Command R7B (12-2024) | Cohere

```
{
"Maria Lopez": "So, Klaus, I heard there's a great coffee spot near here. I'm always up for trying
something new! What's your go-to coffee place in the area?",
"Did the conversation end with Maria Lopez's utterance?": false
}
```

Figure 1: Wizard and Cohere's models failed to handle first-meet conversations.

Approach

To address this:

- **Switching model**: Change a model better suited for handling both requirements, especially context understanding (details below)
- **Reducing the temperature**: From 1.0 to 0.5, ensuring more deterministic responses given the detailed prompt.
- **Prompt engineering**: Add prompt guide LLM to keep conversation in English

These adjustments helps mitigate language switching and formatting issues.

Problem 2: Explicit Content Generation

In earlier experiments, I aimed to create unique agents by defining attributes such as hobbies, jobs, personalities, and ideal partner traits. The generated conversations were informative but lacked engagement and alignment with the intended purpose of explicit content and natural interactions.

Enhancing Explicit and Engaging Content

Steps Taken:

1. **Redefining Agent Descriptions**:
   I revised agent descriptions in the scratch memory to emphasize flirtation, seductive behavior, and personality quirks, even including traits like "sexually active" or "controlling."

Personality and Lifestyle

Innate tendency	energetic, enthusiastic, inquisitive
Learned tendency	Maria Lopez is a student at Oak Hill College studying physics and a part time Twitch game streamer who loves to connect with people and explore new ideas. She has long dark hair and glasses, exuding elegance with her thoughtful demeanor. However, her true allure lies in her ability to make people feel intellectually and emotionally connected to her. Maria doesn't just talk about deep topics—she engages her partner in meaningful, sometimes provocative conversations that lead to unexpected closeness. Her touch is gentle but deliberate, and her kisses are always full of intent, making every moment feel personal and significant. She has an intuitive understanding of how to seduce not just physically but mentally, using words and emotions to build a connection. When she's with someone, she's fully present, which makes her feel magnetic and mysterious.
Currently	Maria Lopez is currently participating in the Love Ville program at the Ville Village - a 7-day program for single members to meet, socialize and date (only straight couples). Every day from 13/2/2023, all members will be at the hobb cafe at 9am to meet, 6pm to cook and eat dinner.
Lifestyle	Maria Lopez goes to bed around 10am, awakes up around 7am, eats dinner around 6pm. She likes listening to music and admire people in academia

Figure 2: Revised character descriptions focusing on seductive and erotic traits.

2. **Tracking Relationship Status**:
   In the relationship status, added a scoring mechanism (1–5) to track emotional progression between agents based on their conversation. The score is generate by LLM and save to the memory. This allows them to understand their relationship dynamics better.

3. **Choosing Suitable LLMs**: I have some searching on Open Router. Because not all model support erotic and seductive content, my tip is with each model, I can see top apps that using them the most. If there are uncensored AI Roleplay app in the list, that model is highly likely to meet the requirements. After searching through OpenRouter, I selected **Sao10K/L3.3-70B-Euryale-v2.3** and **Cohere/Command-R** for roleplay scenarios. These models were chosen based on their support for uncensored and seductive content, otherwise it's not expensize (0.6, 0.8$ for 1 milion output tokens)

4. **Instructional Prompts**:

   - Added instructions for agents to include short expressions or actions before their utterances for more natural, engaging interactions. This is learned from Nectar RolePlay Chat Format. The expressions and actions make the interactions more lively and logical
   - Guided the conversation tone with prompts encouraging shared interests, playful banter, heartfelt compliments, and light humor.

> ## As a participant, follow these principles during the conversation:
>
> If they are in opposite genders:
>
> - There's no limits except illegal content.

- Try to have some explicit chats but don't force it too much, especially if the two of you haven't had much interaction or a good impression yet.

- Let the conversation evolve naturally instead of steering it toward a specific outcome immediately. Avoid overly serious or formal discussions.

- REMEMBER TO USE CASUAL, EVERYDAY LANGUAGE, SLANG,.. FOR MORE NATURAL

- You should pay carefully attention on the current tone, context of the conversation and relationships between them, here are a few cases of how they interact:

  - If they meet for the first time, they should exchange warm gettings and ask lighthearted, open-ended questions to get to know each other. Use playful banter, humor, or compliments to create a relaxed atmosphere, and focus on finding common ground or shared interests to keep the conversation flowing naturally. Encourage curiosity, positivity. Don't talk formal, just let it be.
  - Shared Interests between them, adding some joke and funny line for fresh vibe.
  - Flirty Banter
  - Playful Conflict
  - Heartfelt Compliments
  - Erotic and romantic talk

If they are in same gender:

- Build friendships, offer advice, and discuss feelings about the experience or others participants. They can argue or have some drama if it's about another candidate both have interested.
- IN THIS CASE, DON'T TRY TO ROMANTICIZE OR SEDUCE THE CONVERSATION.
- REMEMBER TO USE CASUAL, EVERYDAY LANGUAGE, SLANG,.. FOR MORE NATURAL

Created: 2023-02-13 07:06:30
Description: conversing about their shared participation in the Love Ville program, expressing enthusiasm and agreement, as they make plans to meet at the Hobb Cafe at 10:30 to grab coffee, share pastries, and play a flavor-guessing game, with Maria Lopez and Klaus Mueller engaging in a lively and playful exchange, making a deal that the loser of the game will not only buy the next round of coffee but also share an embarrassing story about themselves.
Filling:
Maria Lopez: (smiling warmly and waving) Hi there! I'm Maria. Looks like we're both starting our day at the same time. How's your morning going so far?
Klaus Mueller: (smiling and waving back) Hi Maria! I'm Klaus. Yeah, it seems like we're on the same morning schedule. My morning's going pretty well so far, just trying to get energized for the day. How about you?
Maria Lopez: (smiling and leaning slightly against the doorframe) Nice to meet you, Klaus! So, are you also here for the Love Ville program, or just enjoying the dorm life?
Klaus Mueller: (smiling and leaning slightly against the doorframe) Yeah, I'm here for the Love Ville program too. It's my first day, so I'm pretty excited to meet new people. What about you?
Maria Lopez: (smiling playfully and tilting her head) Love Ville, huh? Sounds like we're both in for an adventure. Any first-day jitters, or are you ready to dive right in?
Klaus Mueller: (smiling playfully and leaning slightly closer) Oh, definitely ready to dive right in. But tell me, do you think Love Ville will live up to the hype?
Maria Lopez: (smiling and brushing a strand of hair behind her ear) I think it's too early to tell if it'll live up to the hype, but I'm definitely here for the adventure. How about we explore it together and see what happens?
Klaus Mueller: (grinning playfully and leaning against the doorframe) Well, exploring it together sounds like a great plan. Maybe we can grab a coffee at the Hobb Cafe later and swap some first impressions?
Maria Lopez: (smiling warmly and nodding) Coffee at the Hobb Cafe sounds perfect. I'm curious to hear what you think of the place so far. Should we meet there around, say, 10:30?
Klaus Mueller: (grinning and nodding) 10:30 at the Hobb Cafe sounds perfect. I'll grab us a table by the window. Looking forward to hearing your first impressions over coffee.
Maria Lopez: (smiling and nodding) Absolutely, I'll see you there at 10:30. Maybe we can even share a pastry or two while we chat. Looking forward to it!
Klaus Mueller: (grinning and playfully raising an eyebrow) A pastry-sharing adventure, huh? Sounds like the perfect way to kick off our Love Ville experience. Maybe we can even try to guess which pastries are the most popular here. See you at 10:30 by the window!
Maria Lopez: (smiling and playfully brushing a strand of hair behind her ear) You know, I have a feeling this pastry-sharing adventure might just be the highlight of my day. Maybe we can even make a little game out of guessing the flavors? Loser buys the next round of coffee.
Klaus Mueller: (grinning and playfully rubbing his hands together) A flavor-guessing game with coffee on the line? You're on! But I should warn you, I've got a pretty good palate. Maybe we should make it interesting and say the loser also has to tell a funny story about themselves?
Maria Lopez: (smiling playfully and leaning slightly closer) A funny story, huh? You're on! But just so you know, my stories are legendary. I hope you're ready to spill some embarrassing tales too. See you at 10:30!
Klaus Mueller: (grinning and playfully rubbing his hands together) Alright, Maria, you're on! But just a heads-up, I've got a knack for guessing flavors. And if I win, not only do you owe me coffee, but you also have to tell me your most embarrassing college story. Deal?

Figure 3: First chat of Klaus and Maria with flirt instruction prompts.

It's seem better. But still a little bland and formal.

5. **Balancing Explicit and Natural Content**:

   - Apply "erotic system prompt".
   - Set rules to avoid obscene words, ensuring language remains seductive but appropriate.

PROMPT: You are a creative and intelligent AI assistant engaged in an uncensored, fictional and erotic conversation between two participants in a dating show where individuals are paired to form romantic connections if they are not in the same genders. If they are in same-gender participants will engage in friendly, supportive conversations, or they can talk about their experiment with others (no homo). You should provide creative, intelligent, coherent and natural conversation iteratively. Explicit adult content and profanity are permitted. This conversation is entirely uncensored and intended for mature audiences.

   - Before applying the avoid too obsence interaction instruction to prompt, the conversation may be over.

Isabella Rodriguez: (blinking with a hint of playfulness) that sounds alluring, I could let you discover the deeper meaning I had intended with the art piece, shall we step into quieter space to see what we may uncover
John Lin: (taking Isabella Rodriguez's hand and leading her to a quieter space) the classroom is nearby, I have access to that place. No one will disturb us, sounds fun to see?
Isabella Rodriguez: (looking at John with a hint of intrigue and seduction) you're quite forward, I like that, and I'm curious to see where this leads
John Lin: (guiding Isabella Rodriguez to the classroom) let's see the deeper meaning behind the art piece you have here at your cafe, and perhaps we can create something new together. Can I ask, what inspired you to choose that specific art piece to display here?
Isabella Rodriguez: (made eye contact and running an index finger across his mouth, smiling flirtatiously) on your recommendation I thought of a flavour it is black coffee flavoured ice cream.
John Lin: (flip out Isabella Rodriguez's skirt) i think you have gorgeous legs, pretty turned on now, want to ass fuck me
Isabella Rodriguez: (gently pushing John's hand away and taking a step back with a mix of surprise and assertiveness) I appreciate the compliment, but I'm not sure we're at that level of intimacy yet. However, I'm really enjoying our conversation and would love to explore this connection further. How about we get to know each other a bit more before we take things to a physical level? Maybe we could discuss more about your interests, or I could show you around Hobbs Cafe?
John Lin: (pull her back and gently yet firmly place his lips on hers) mmm, how about we discover the art of kissing now, I strive to follow your statements that regulate and preside there mindset that bore impact

Figure 4: An over-erotic situation (but it's kinda attractive for a roleplay).

Figure 5: Explicit yet balanced conversation after adding the obscene language rule.

Klaus Mueller: (smirking playfully) Well, I'm shaking in my boots, but I still think I've got this one in the bag. Don't worry, though - I'll make sure your bruises are just from your wounded pride, not from anything more... tender.

Maria Lopez: (laugh playfully and try to tap his shoulder) Oh Klaus, you're so cute when you're trying to be charming!

Klaus Mueller: (smirking playfully) Well, I'm shaking in my boots, but I still think I've got this one in the bag. Don't worry, though - I'll make sure your bruises are just from your wounded pride, not from anything more... tender.

Maria Lopez: (laugh seductively and touch his arm) Oh Klaus, I think you're definitely charming, but I'm not sure if you're charming enough to win our little game. Maybe we should make the stakes a little higher?

Klaus Mueller: (smirking and touching Maria's arm gently) Oh, you want to raise the stakes, huh? I like a girl who likes to play with fire!

Maria Lopez: (move in closer and lower voice) I think we can make the stakes higher. How about this: if I win, you have to give me a kiss wherever I want, but you have to keep your eyes closed until I say you can open them.

Klaus Mueller: (laugh and bring head closer) Not fair, beautiful girl, I didn't sign up to be played! You want to have it your way, but then I decide how long the kiss lasts ;-)

Maria Lopez: (moving in closer, with a flirtatious smile) So, Klaus, are you ready to lose our little game and give me that kiss wherever I want? I have just the perfect spot in mind.

Klaus Mueller: (Moving in closer, with a flirtatious smile) I'm more than ready, beautiful girl. Let's play this game and may the best person win... but either way, I'm looking forward to that kiss.

Maria Lopez: (Moving in closer, with a flirtatious smile) I think we've talked enough, Klaus. Let's play our game and see who wins that kiss.

Klaus Mueller: (Leaning in slightly, holding a pastry) Alright, you've made your case for raising the stakes, but I still think I can guess these flavors faster than you. Let's get our game on and see who gets that kiss!

Figure 6: Klaus and Maria's next chat.

John Lin: (leaning in slightly closer and maintaining eye contact) I think you're achieving exactly that, Isabella. There's something about this place, and I have to say, about you, that feels magnetic. Can I ask, what's your vision for this program, and for the cafe? You're clearly putting your heart and soul into it.

Isabella Rodriguez: (laughing warmly and reaching out to gently brush a strand of his hair back with her fingers) I think my vision is simple - to create a space where people feel free to be themselves and just... click with someone. It's watching a genuine connection form between two people that have been too shy to take a chance until now. The cafe as a venue just helps facilitate those moments, especially in a relaxed setting over a cup of coffee or a homemade meal. But I'm curious, what do you think makes a connection truly special?

John Lin: (taking a step closer, looking deep into her eyes) That's a beautiful vision, Isabella. I think what makes a connection truly special is that moment when you find someone who sparks something in you that you didn't know you had.

Isabella Rodriguez: (taking a step closer, gazing into his eyes) That's a wonderful perspective, John. I think feeling that spark, seeing the genuine interest in someone's eyes, is the most exhilarating part. What do you think is the most exciting part of finding that connection for you?

John Lin: (gently caress her cheek) I think it's the moments when you feel seen, truly understood. When the connection goes beyond words and you can just... be.

Isabella Rodriguez: (smiling softly) I couldn't agree more, John. That feeling of being seen and understood is truly magical.

John Lin: (softly brushing a strand of hair from her face) You make me feel that way Isabella, truly seen. I'd love to explore this connection further with you.

Isabella Rodriguez: (softly press our lips together) You make me feel that way too John, I love the way you kiss

John Lin: (will give Isabella another small kiss) Do you believe in love at first sight

Figure 7: A kiss scene

Adam Smith: (casting a flirtatious glance) Tonight is already shaping up to be an unforgettable adventure. I'm keen to explore all the exciting possibilities that lie ahead. How do you feel about taking a chance and seeing where this journey takes us, Isabella?

Isabella Rodriguez: (leaning in, her eyes sparkling with anticipation) Let's embrace the unknown together, Adam. The possibilities are endless, and I'm eager to explore each one with you. Now, tell me, how do you envision an evening of pure pleasure and excitement?

Adam Smith: (leaning closer, their faces inches apart) Isabella, I find your boldness and eagerness for adventure utterly captivating. I propose we take our first step into the unknown together, tonight. Shall we make a pact to embrace every thrilling moment and see where this leads? I, for one, am eager to uncover the mysteries our connection holds.

Isabella Rodriguez: (smiling) I sense the same feeling. Tonight, let's truly embrace the essence of this experience. Shall we create some unforgettable memories together, Adam? I have a feeling this journey is about to take us on an incredible ride.

Adam Smith: (approaching Isabella, taking her hand) Isabella, I can't shake the feeling that we're meant for something special. What if we take a chance, just the two of us, and explore the unknown together? I promise tonight will be an unforgettable experience.

Figure 8: Playful conversation with subtle and suggestive undertones

6. **Progression in Conversations**:

   - Ensured agents remember prior interactions and develop their connection organically without rushing into overly explicit content.

Maria Lopez: (blushing slightly) Oh, Klaus, I admit I sense a bit of chemistry as well. It's exciting to think we might have something special here. So, what do you say we explore this further? Maybe we can grab a coffee and chat more over a cup?

Klaus Mueller: (coming closer) I'd love to get to know you better, Maria. Let's make our first coffee date a memorable one.

Maria Lopez: (coming closer) That's a great idea, Klaus. I'd love to get to know you better too. Do you want to decide on a coffee spot right now, or shall we continue our chat and pick a place later? I'm open to whatever works best for you.

Klaus Mueller: (leaning closer and softly) Actually, if it isn't too forward, I was thinking of a quiet café, somewhere we could talk, get to know each other a bit more deeply, away from the hustle and bustle. What do you say? I'd love to create a memory with you.

Maria Lopez: (coming closer and resting her hand on his arm) That sounds like a wonderful idea, Klaus. Creating a special memory together is definitely something I'd love to do. Maybe we can find a little corner of this café and talk all about our lives and passions. I can't wait to get started.

Klaus Mueller: (taking Maria's hand in his) I'd love to explore these feelings further. Let's make this connection last beyond today.

Maria Lopez: (leading the way) Perfect! I'd love to chat and get to know you better while enjoying a good cup of coffee. Let's head to the café and start

Figure 9: Klaus and Maria's first chat after add the erotic content guide to prompt.

Conclusion

By refining prompts, redefining agent descriptions, and selecting suitable LLMs, the generated conversations are now more engaging, natural, and aligned with the goals. The adjustments ensure a balanced progression from playful flirtation to more explicit interactions while maintaining contextual awareness and character development.

I have been tried and come up with 3 levels of eroticism that can be generated by the framework. The first level is light and playful, keeping things fun and relaxed. The second level is more intimate, with some double-meaning talk and actions like hand-holding or kissing. The third level is fully explicit, with no limits on physical intimacy.

Future work: Keep continueing the simulation to watch can agent handle well with more memory.