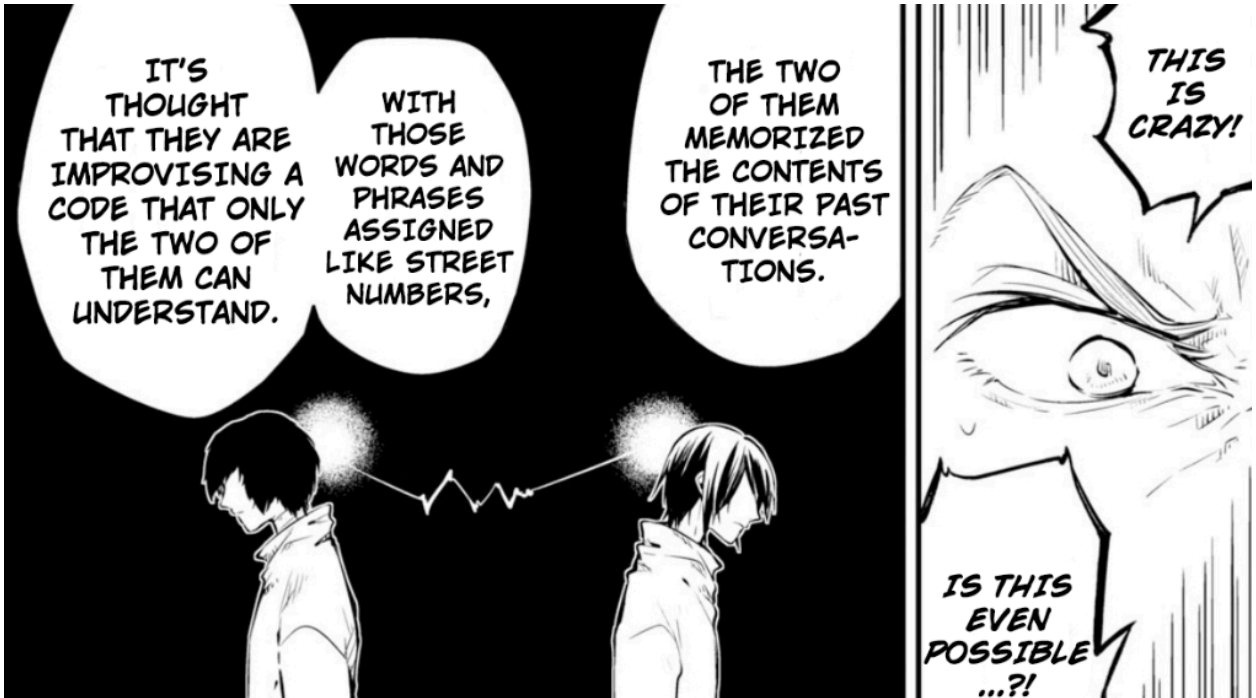
FYODOR MEMORY DOC BY @rimurusensei7

This doc will include rough estimates of Fyodor's memory accomplishments.
Let's start with the card feat. This one is ez but still.



We don't know all the details, but he apparently memorized the faint scratches/flaws on every card's backside. For this feat it's required to have an extremely detailed memory ability, since even a millimetric change could cause confusions, after all these are faint scratches.

Moving on to code feat. Now let's talk about the real scope of code feat.



OK so, one thing to notice is that they have been using this language ever since Dazai got jailed. That's because they had to keep their conversations a secret and the guard guy said just before this panel "What have these guys been talking about **this whole time?**". Therefore "two of them memorized their past conversations" refers to the time they spent together an unknown amount of years ago. Let's get into the magnitude of the feat. Requirements for the feat:

MEMORY / CPI

- **Perfect memory:** They have to be able to recall everything perfectly to be able to access those memories in the first place, any missing memory could cause errors.
    - **Speed of memory access:** They would need to recall vast amounts of information instantly. This includes not just recalling words but entire conversations, concepts, and associations that have been built over time. Real-time recall at this level would likely require near-instantaneous memory access speeds, comparable to how a high-speed computer retrieves data.
    - **Instant decoding:** As soon as one speaks, the other must be able to instantly decode the message, understanding what is being said without any delay

REASONING

- **Shared knowledge base:** They must have a deep understanding of each other's thought processes, including knowledge of literature, philosophy, history, and other shared subjects that they can reference. Their mind reading plays a huge part here.
    - **Logical reasoning via interpreting multiple possibilities:** When they receive a coded message, there might be multiple potential meanings based on their past conversations or shared knowledge. Logical reasoning allows them to evaluate these possibilities and select the most likely or appropriate interpretation. For example, if a code could refer to either "escape" or "meeting," logical reasoning helps them determine which fits the context of their conversation.
    - **Pattern recognition:** Since they're communicating using a custom, improvised code language, each message is based on patterns they've previously established or understood from past interactions. Recognizing these patterns helps them decode the message quickly. For example, if certain sounds or words consistently correspond to specific meanings, recognizing these patterns allows them to understand the new code instantly.
    - **Associative thinking**: Self explanatory.

I gave ChatGPT a detailed description of events for it to generate a simulation, to give those with no clue how the process of reasoning would unfold an idea. Please note that the following example isn't the greatest showcase of their real reasoning, only a lesser version of it which ChatGPT can keep up with. Under normal circumstances it would be a lot more different.

Fyodor’s Message: "Zhu mopp bqes plipli gawk."

Dazai’s Reasoning Process:

1. **"Zhu" = "Sigma":**
    - **Reasoning:** Dazai recalls that Fyodor often associates names with historical or strategic figures they’ve studied. The sound "Zhu" immediately reminds Dazai of "Zhukov," a famous Soviet general, known for his strategic brilliance. Given Fyodor’s admiration for Sigma’s cunning, Dazai intuitively links "Zhu" to Sigma, reasoning that Fyodor might be equating Sigma’s strategic mind with that of Zhukov.
2. **"Mopp" = "The":**
    - **Reasoning:** Dazai notices that "mopp" is a simple, short syllable. Fyodor has a habit of using basic, almost playful sounds for common words to throw off potential eavesdroppers. Dazai reasons that "mopp" is likely a common article like "the," because it doesn't carry much meaning on its own but is necessary for sentence structure.
3. **"Bqes" = "Most":**
    - **Reasoning:** Dazai observes that "bqes" is an unusual, almost awkward combination of letters—something Fyodor might use to signify something important or superlative. Given the structure of the sentence and knowing that Fyodor tends to use more complex sounds for emphasis, Dazai deduces that "bqes" could stand for "most," marking something as the highest or greatest degree.
4. **"Plipli" = "Human":**
    - **Reasoning:** The repetition of sounds in "plipli" gives it a somewhat light-hearted or mocking tone, which Fyodor might use to refer to something as mundane or common. Dazai reasons that "plipli" could be Fyodor’s way of referring to "humans," perhaps highlighting their perceived simplicity or predictability in contrast to more complex beings or concepts.
5. **"Gawk" = "Powerful":**
    - **Reasoning:** The sound "gawk" brings to mind something imposing or awe-inspiring. Dazai remembers how Fyodor once used the phrase "gawk in awe" sarcastically when describing a powerful figure. This connection leads Dazai to infer that "gawk" must be Fyodor’s way of saying "powerful."

Dazai’s Understanding:

Through this reasoning process—anchored in their shared history, Fyodor's habits, and Dazai’s intuitive leaps—Dazai deciphers Fyodor’s message as: **"Sigma is the most powerful human."**

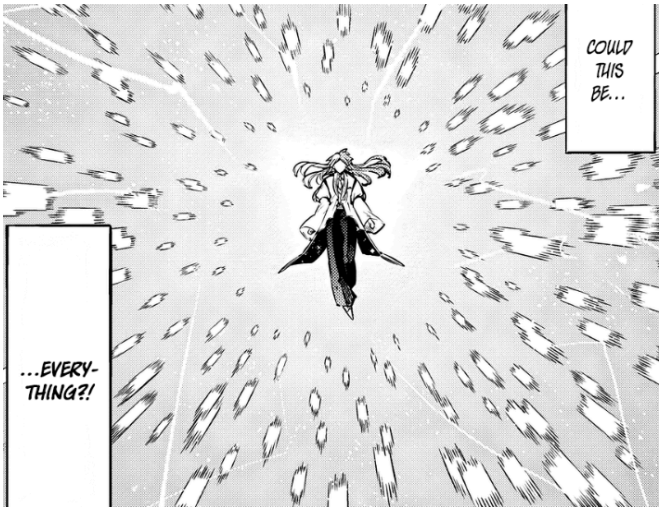
This interpretation is based on Dazai’s ability to quickly grasp the underlying logic and tone behind Fyodor’s choice of syllables, even though these specific combinations haven’t been used before.

I only highlighted memory, CPI and reasoning ‘cause they all relate to the memory aspect of the code feat by a lot. Upon request I could add the VCI, adaptability, perception and creativity aspects. They are as broken as they can get.

Last but not the least, remember this?



Sigma’s ability allows him to exchange the information he wants most for the information the other side wants. Here, after this, Sigma takes in every info from Fyodor about him and then visits his memories from hundreds of years ago. Let’s examine.



Although not completely clear, Sigma could have been seeing all of Fyodor’s memories. You could argue that this is a hyperbole but I would personally say it’s not. Asagiri usually doesn’t put false inner monologues unless it’s specifically aimed to mislead the readers for upcoming twists and this particular monologue is very unlikely to be a part of a plot twist. Either way Fyodor retains a huge proportion of his memories that Sigma is completely overwhelmed to the point of not waking up any soon. Now retain his memories to what extent?

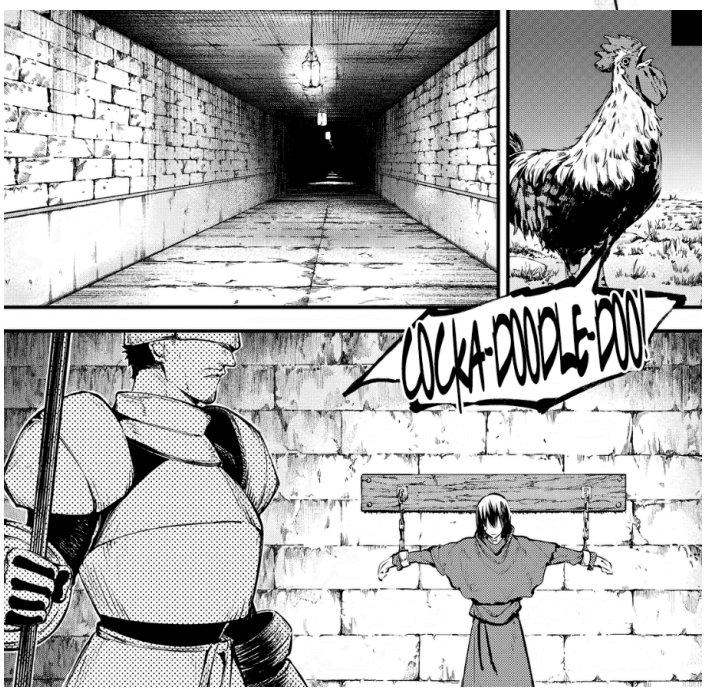
: Cluj-Napoca, Romania

April 6, 1490, Vienna, Austria

se: Beatrice of Naples (m. 1476–1490),

2024 - 1490 = 534. At the very least his memory spans over 534 years. But again this is the bare minimum. We can expect it to be much more than that. But more important than the time span is the quality of his long term memory. See below:





Note: Sigma is specifically viewing Fyodor's memories.

Sigma's visions involve the 3d structure of the entire castle including the terrain of the outside and the shape of every object including all of the tiny little details as seen in the image and voices (even the ones coming from the animals outside the castle). This means that Fyodor doesn't only have an extremely spacious memory that spans over at least 5 centuries but also with flawless accuracy to the point of not missing ANY detail at all as proven by the scan.