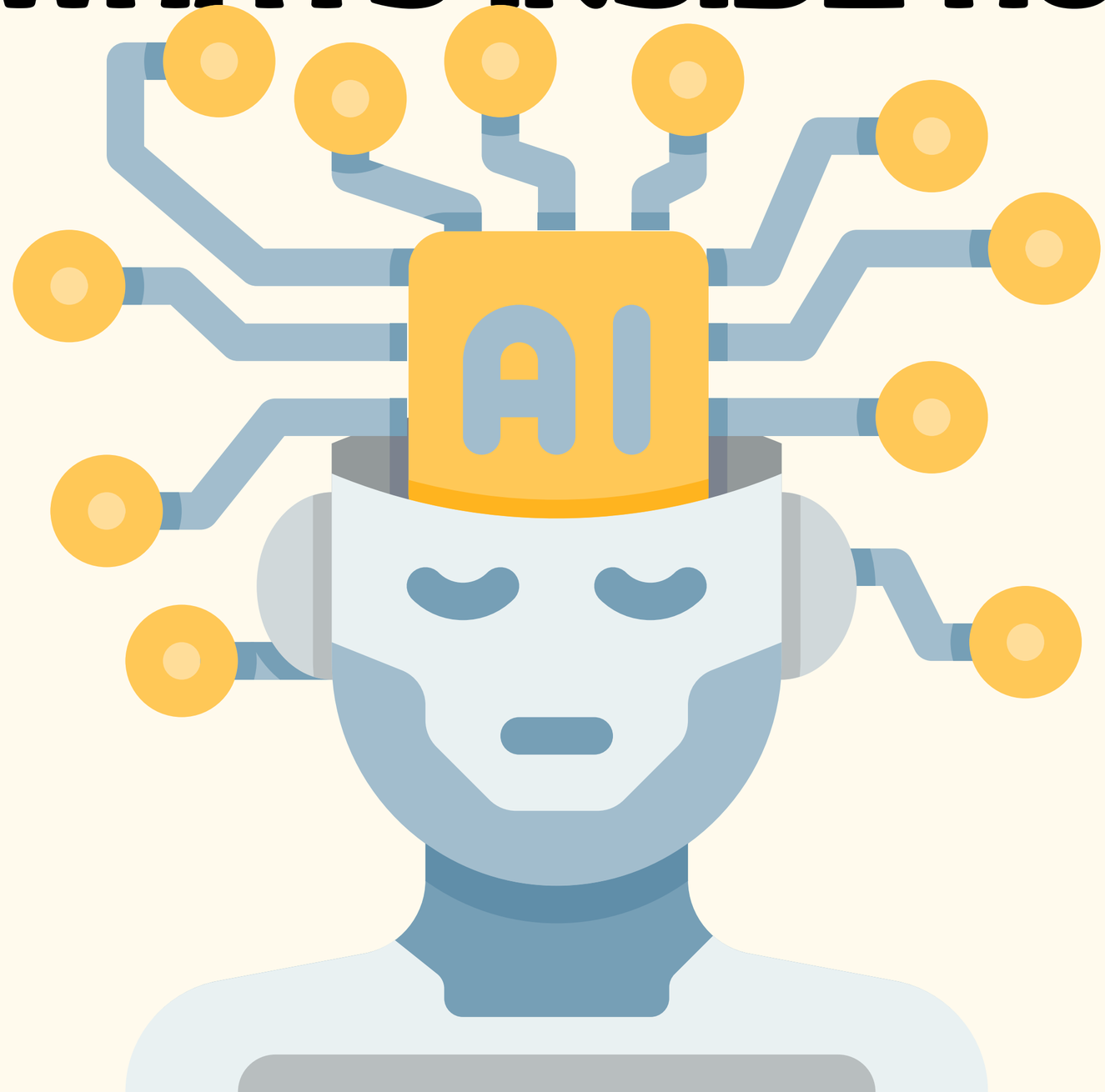
WHATS INSIDE HUGGING GPT?



NOT AGI

ITS PROMPTS AND CONTROL LOOPS

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HUGGING GPT INTRO

THANKS TO:

HUGGINGGPT: SOLVING AI TASKS WITH CHATGPT AND ITS FRIENDS IN HUGGINGFACE, YONGLIANG SHEN, KAITAO SONG, XU TAN, DONGSHENG LI, WEIMING LU AND YUETING ZHUANG (THE FIRST TWO AUTHORS CONTRIBUTE EQUALLY)

INTRODUCTION:

WE INTRODUCE A COLLABORATIVE SYSTEM THAT CONSISTS OF AN LLM AS THE CONTROLLER AND NUMEROUS EXPERT MODELS AS COLLABORATIVE EXECUTORS (FROM HUGGINGFACE HUB). THE WORKFLOW OF OUR SYSTEM CONSISTS OF FOUR STAGES:

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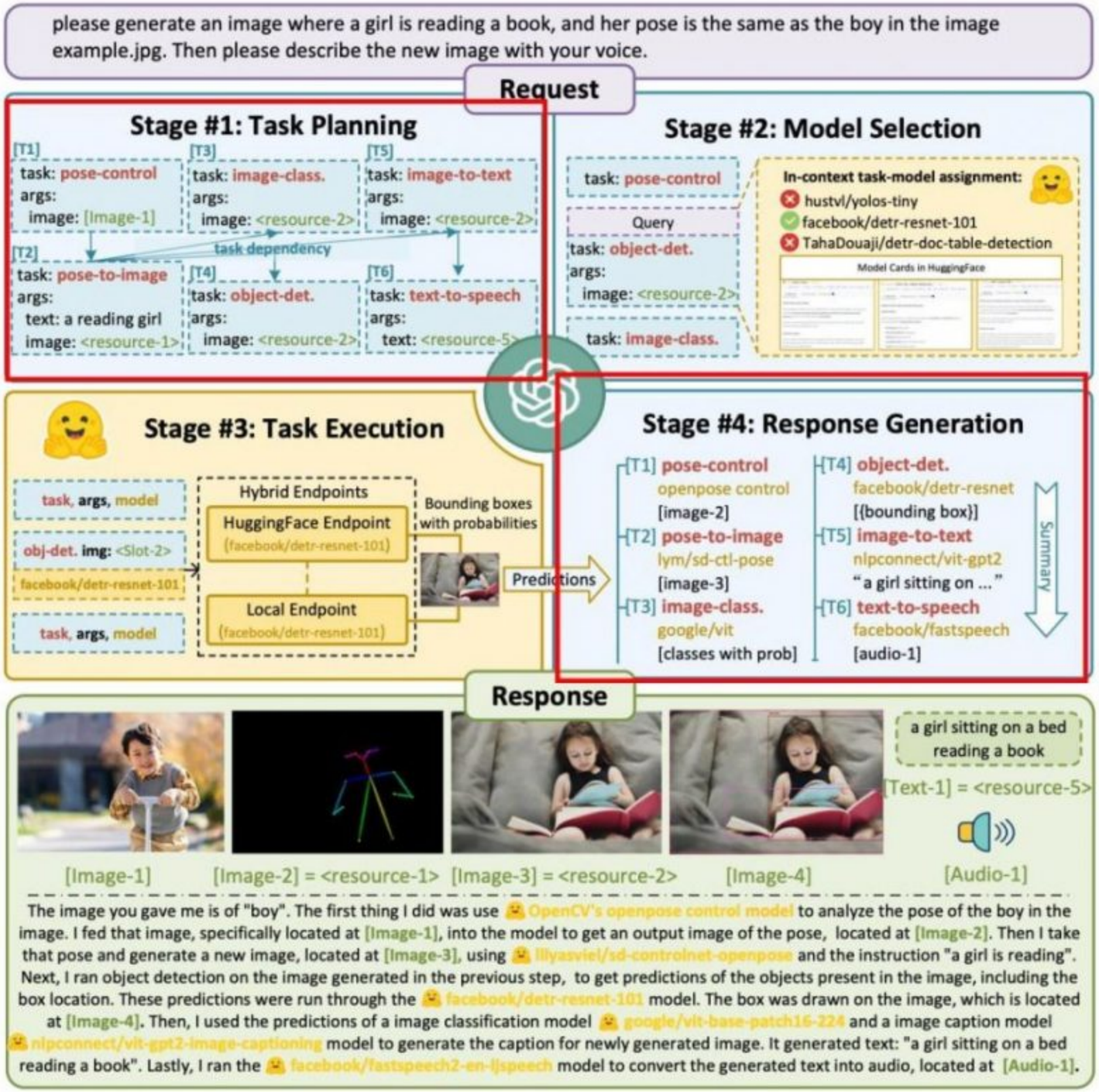

HUGGING GPT UNDER THE HOOD : PROMPTS

ADVANTAGES OF HUGGINGGPT

- TASK PLANNING FROM PROMPT
- INTEGRATING WITH MULTIPLE MODELS AND SELECTION
- EXECUTE THE TASK FROM HUMAN INPUT
- TAKE THE OUTPUT, MAKE IT HUMAN READABLE/HEARABLE.
- MODELS ARE LOCAL

HUGGING GPT CHALLENGES

1. NEED LARGE LANGUAGE MODEL
2. LIMITATION IN CONTEXT MEMORY
3. CONTROLLING THE MODEL & TASK SELECTION
4. PROVIDING A PROGRAMMABLE DATA INGESTION ROUTE
5. NEEDS A HUMAN TO WRITE THE INITIAL PROMPT

- CHAT GPT MODEL IS PROMPTED AT TASK SELECTION STEP
- FINAL RESPONSE IS CONTROLLED BY THE PROMPT

LETS HEAD TO GIT REPO

NOW WE ARE TALKING. PRACTICE???

CODE WILL

DOWNLOAD

ALL THE MODEL!!!!

REQUIRE OPENAI &

HF KEY.

THANKS FOR WATCHING

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