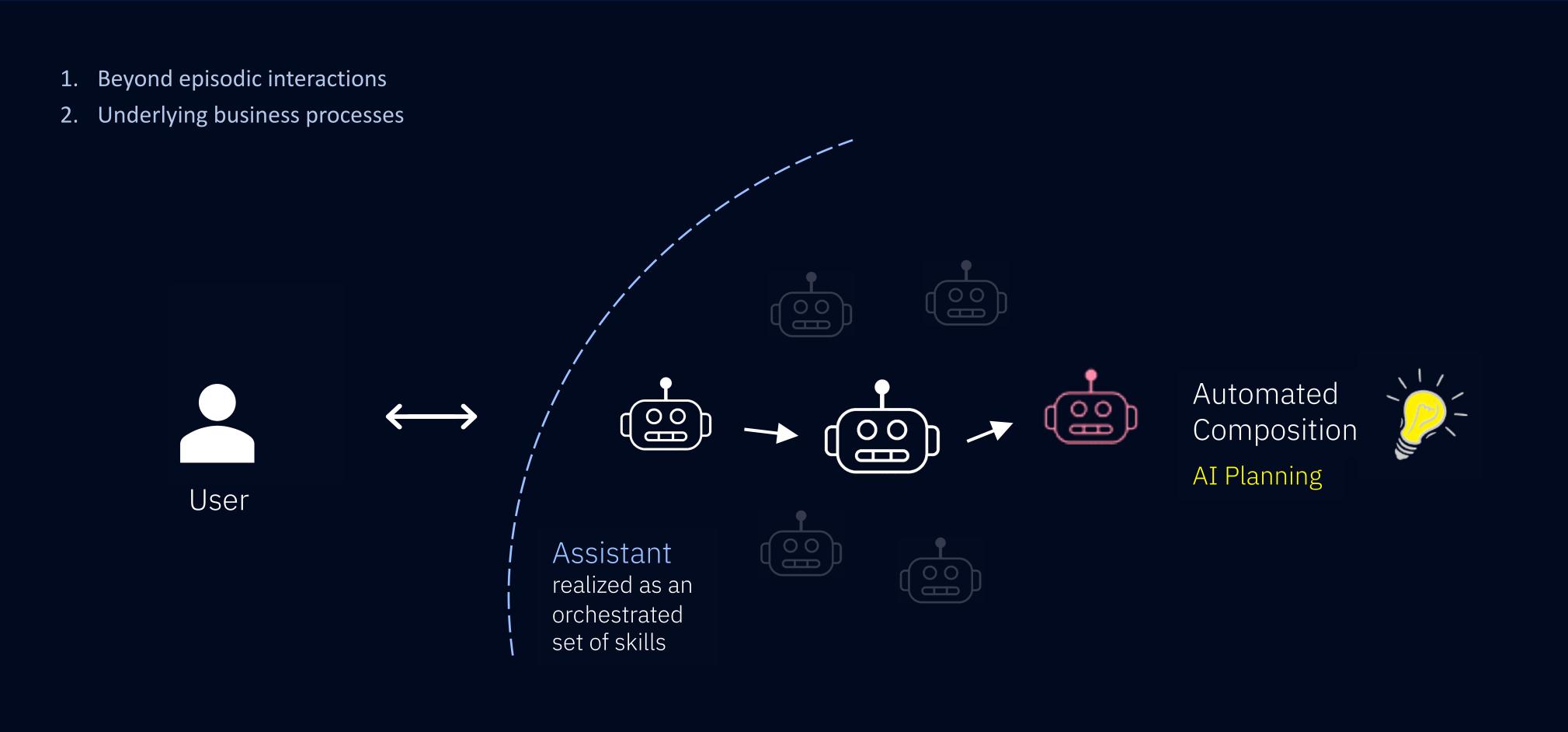
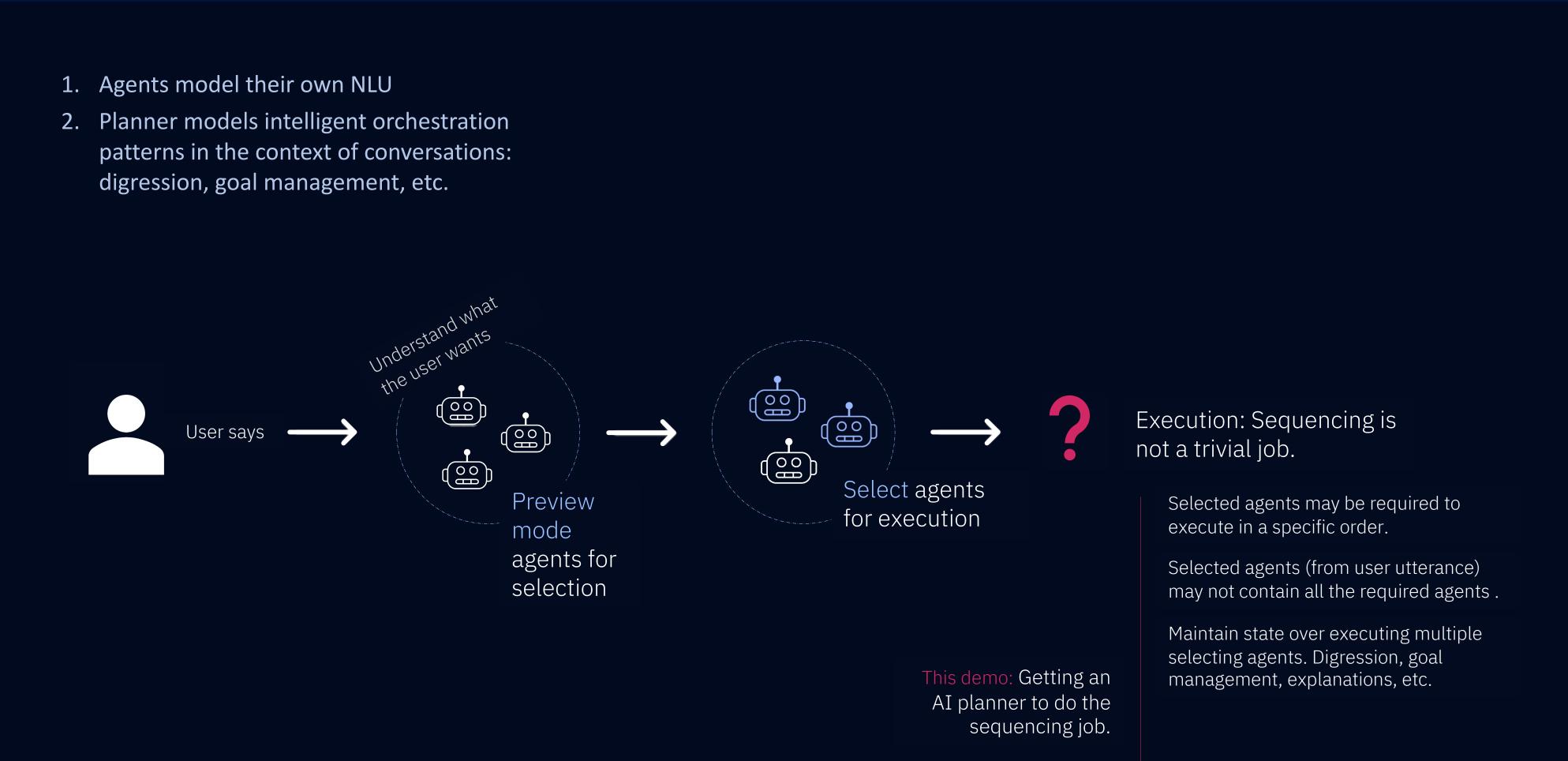
## Automated Composition of Aggregated Assistants



## Modeling Sequential Behavior in Enterprise Applications



## Hand off between Reasoning and NLU components



## References

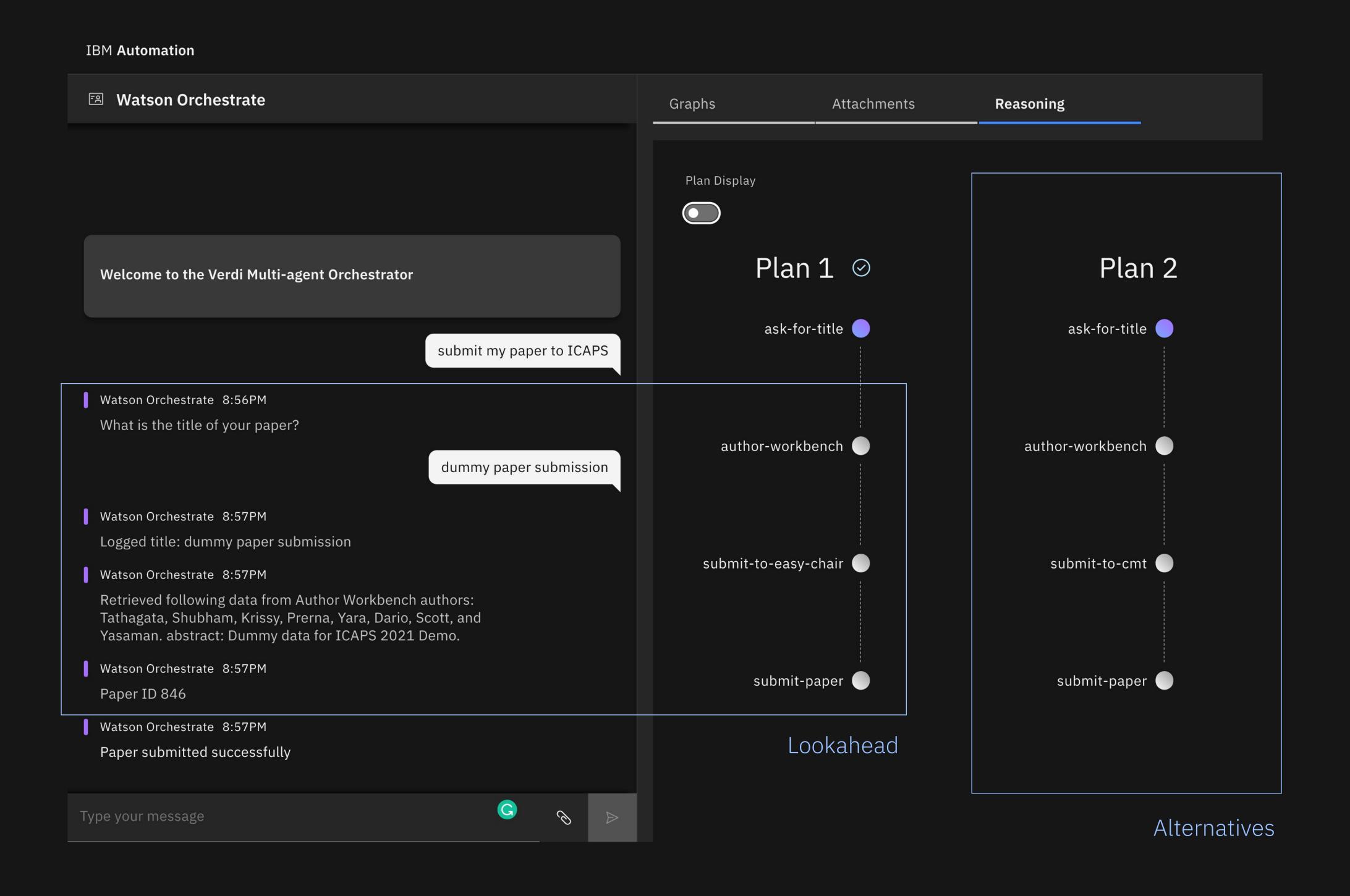
Explainable Composition of Aggregated Assistants. Sarath Sreedharan, Tathagata Chakraborti, Yara Rizk, and Yasaman Khazaeni. ICAPS 2020 Workshop on Explainable AI Planning.

A Unified Conversational Assistant Framework for Business Process Automation. Yara Rizk, Abhisekh Bhandwalder, Scott Boag, Tathagata Chakraborti, Vatche Isahagian, Yasaman Khazaeni, Falk Pollock, and Merve Unuvar. AAAI 2020 Workshop on Intelligent Process Automation.

From Robotic Process Automation to Intelligent Process Automation: Emerging Trends. Tathagata Chakraborti, Vatche Ishakian, Rania Khalaf, Yasaman Khazaeni, Vinod Muthusamy, Yara Rizk, and Merve Unuvar. BPM 2020 RPA Forum.

Tathagata Chakraborti, Shubham Agarwal, Krissy Brimijoin, Prerna Agarwal, Yara Rizk, Dario Silva Moran, Scott Boag, and Yasaman Khazaeni.

Also special thanks to open-source projects: IBM Planning Service [Katz, Udrea, Sohrabi, et al.] and Tarski [Ramirez, Frances et al.]



Graphs

Plan Display

**O** 

prepare a paper submission

"dummy title" send to cmt instead

dummy pdf

ICAPS

Attachments

Plan 1

ask-for-pdf

ask-for-conference-na...

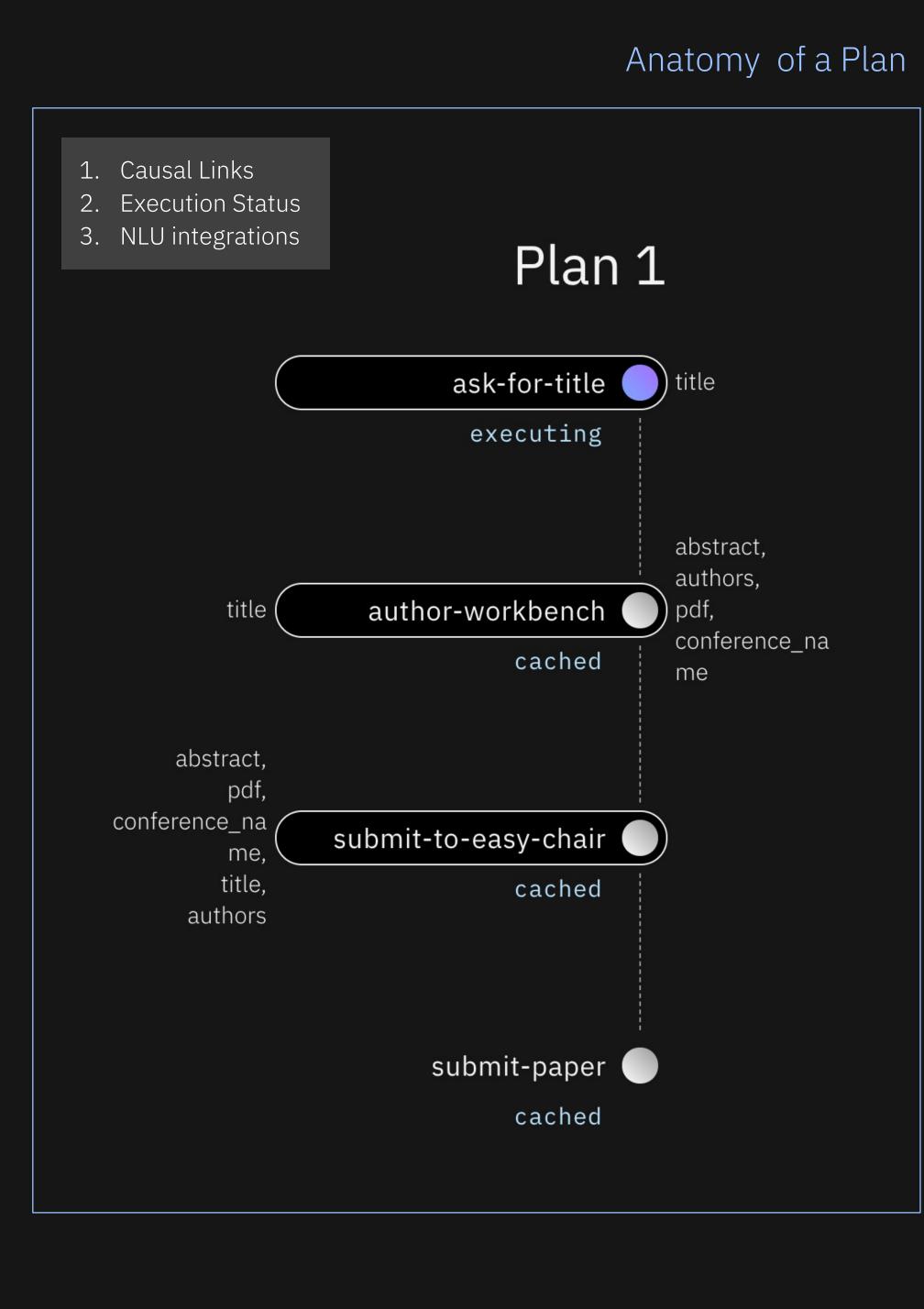
ocr-paper-to-metadata

submit-to-cmt

submit-paper 🛑







Plan Repair through

conversation



**IBM Automation** 

**Matson Orchestrate** 

Watson Orchestrate 9:05PM

Watson Orchestrate 9:06PM

Logged title: dummy title

Watson Orchestrate 9:06PM

Watson Orchestrate 9:06PM

Watson Orchestrate 9:06PM

Logged pdf: dummy pdf

Watson Orchestrate 9:06PM

Learn More

Paper submitted successfully

Paper ID 644

Logged conference\_name: ICAPS

Which conference are you submitting to?

Attach the PDF of the paper here.

Could not retrieve PDF from Author Workbench

Extracted authors: Tathagata, Shubham, Krissy, Prerna, Yara, Dario,

Scott, and Yasaman. abstract: Dummy data for ICAPS 2021 Demo.

What is the title of your paper?

tson

On the fly

Re-planning