

Toward Intelligent Agent-Based Scientific Storytelling

Angelica Lo Duca, IIT-CNR, Italy

Introduction

Over the last decades, a significant quantity of scientific papers have been published.

However, many of them remain unread, despite their potential level of novelty.

START

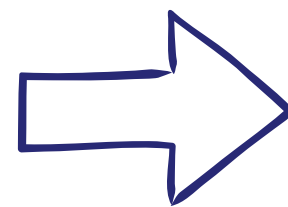


Objective

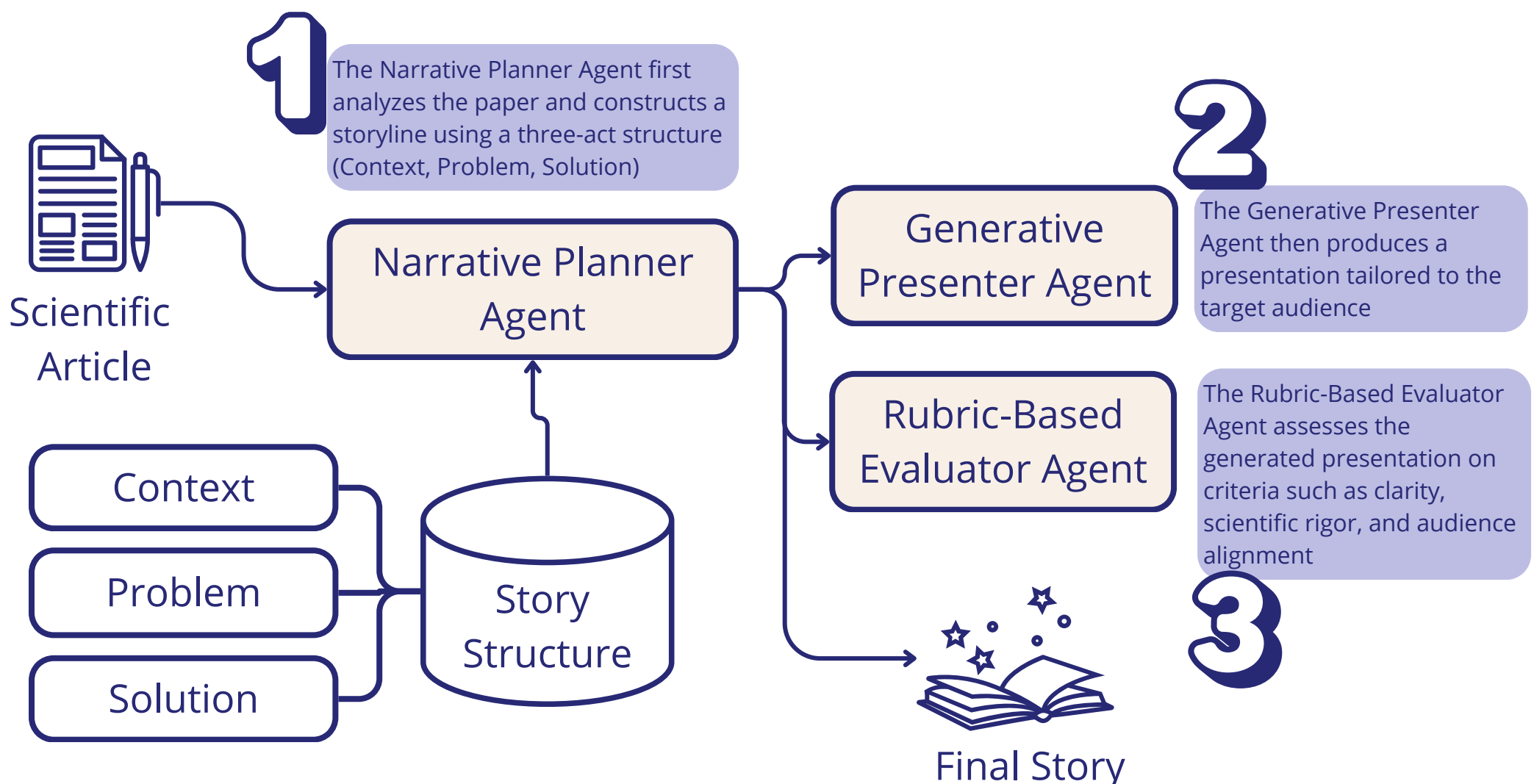
Building an intelligent framework using generative AI agents to transform **scientific papers** into structured, audience-aware **narratives**, leveraging **storytelling** principles to enhance comprehension and engagement.



Storytelling



Architecture



Conclusions

This work outlines a path toward AI-driven scientific storytelling that transforms research into meaningful, contextualized narratives. Such systems can enhance interdisciplinary communication, science education, and public engagement.