



Foundational Techniques for Malleable Tools for a Reciprocal Anime Co-creation Environment

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Grand Challenge and Goal:

The integrated development of a tool information platform and foundational techniques for malleable tools to elicit the tacit practices of anime production, support developers in building tools, and enable creators to craft their creative environments

Summary:

- Support creators' creativity in anime production, while addressing the difficulty that production practices remain largely tacit
- Develop a platform that formalizes and aggregates tool-related practices, serving both as a learning resource for creators and as benchmarks for researchers/developers, fostering a reciprocal industry-academia community
- Create foundational techniques for malleable tools: using specifications and sample data as LLM-generated "glue" to interconnect tools, enabling creators to build creative environments without programming
- Develop new malleable tools and conduct proof-of-concept studies through actual anime production to demonstrate their value in empowering creativity

Social Impact:

- Empower creators to take initiative in building creative environments through research in the wild, supporting the healthy growth of the anime industry
- Lower entry barriers for researchers and developers, fostering a long-term reciprocal community where industry and academia can benefit each other

