
Amphoreus: Simulating Path Emanator in a Society of Multiple LLM Agents on δ -me13 Scepter

Phainon Khaslana^{1,2*}, Cyrene^{1,2*}, Stelle^{1,3*}, Aglaea^{1,4}, Trisbios^{1,4}, Castorice^{1,5}, Mydeimos^{1,6}

Hyacinthia^{1,7}, Cifera^{1,4}, Anaxagoras^{1,8}, Dan Heng³, Lycurgus^{9†}, Screwllum¹⁰, Herta^{10†}

¹Department of Chrysos Heir, miHoYo, Marmoreal Palace, Okhema, Amphoreus

²College of Destruction, Aedes Elysiae University, Wondrous Woods, Aedes Elysiae, Amphoreus

³The Nameless, Astral Express, the Party Car, Anywhere on Star Rail, Universe

⁴College of Engineering, Okhema University, Marmoreal Palace, Okhema, Amphoreus

⁵School of Liberal Arts, Okhema University, Marmoreal Palace, Okhema, Amphoreus

⁶School of Physical Education, Okhema University, Marmoreal Palace, Okhema, Amphoreus

⁷School of Medicine, Okhema University, Twilight Courtyard, Grove of Epiphany, Amphoreus

⁸Institute for Nousporists, Okhema University, Library of Philia, Grove of Epiphany, Amphoreus

⁹Genius Society (Amphoreus), The Council of Elders, Okhema, Amphoreus

¹⁰Genius Society, Herta Space Station

{neikos496, philia093, spaceraccoon}@stu.honkai.startrail
{lygus, herta}@honkai.startrail

Abstract

In this report, we introduce Amphoreus, a multi-agents based **Path-Emanator-Simulating** model (PES) trained by a Scepter. Previous PES models are trained on generated data and can only simulate one Path, which could easily lead to model overfit and were not practical for application. To handle these problems, we leverage real-world interaction data (**33550336** samples) collected from 12 agents to pre-train Amphoreus. In post-training stage, we improve Amphoreus by Direct Preference Optimisation (DPO) conducted by experts from The Nameless and Genius Society. The pre-train and post-train stages are conducted on an Emperor's Scepter namely δ -me13, which accelerate the training process and can support more Paths. Amphoreus achieves top-tier performance on a wide range of Path Emanator benchmarks, including Erudition, Destruction, Remembrance, and etc. We will release the checkpoints of Amphoreus and the pre-train data at <https://sr.mihoyo.com/>.

1 Introduction

If mortals receiving the grace of Aeons and grasping the power of Paths are viewed as a singular shattered foam, then the mighty feats of Aeons driving their Paths onwards can be likened to a towering tsunami that engulfs mountains. In this empty stellar vastness, a small number of favored mortals can also draw upon the power of the Paths with the permission of the Aeons, creating huge waves that erode the coast. They are referred to as "Emanators." While not completely subservient to the Aeons, Emanators are as good as emissaries of the Aeons' wills in everyone else's eyes.

*Equal Contribution. This work was conducted while the authors were doing internship at miHoYo.

†Corresponding Authors.