HieNaR "Copilot" Tool Manual <u>hienar.com</u>

Version on June 11, 2025 (Wed)

Introduction

- (1) The recommended web browser is "Google Chrome."
- (2) Using this tool requires an OpenAI API key at your own expense.
- (3) We would appreciate your cooperation with the following:
 - I. Change the chat name to reflect its content
 - II. "Publish" chats that you like



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Concept





Input and Output

• LLM.



HieNaR "Copilot" Tool takes a graph generation theme as input and outputs narrative structures for design ideas through chat with an

Create a graph about it

Output

- - Narrative structures for design ideas:
 - From social values to technologies, and
 - From raw data to pattern understanding, and
 - From worldview and narratives to representation particles





Demo Movie

- Demo videos are available on YouTube.
- <u>https://www.youtube.com/watch?v=qDLcNDrbdNg</u>

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[HieNaR] Space filled, design fulfilled



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87 回視瞭 11 日前

This video introduces the basic usage scenarios of the HieNaR "Copilot" tool.

HieNaR "Copilot" tool is now available at:…もっと見る

ouTube. <u>ch?v=qDLcNDrbdNg</u>



山2 切 みち 気保存 …



Supplement (1): Hierarchical Representation for Ethical Design

The prototype of the systems thinking axis is defined in references [1, 2] and others. The hierarchy shows that people exist beyond systems (A), and society exists beyond people (B).



- design. AI & SOCIETY 35, 51–71 (2020). <u>https://doi.org/10.1007/s00146-018-0867-z</u>
- Applications. IOS Press, pp 307–314. <u>https://doi.org/10.3233/978-1-60750-477-1-307</u>

1. Sekiguchi, K., Hori, K. Organic and dynamic tool for use with knowledge base of AI ethics for promoting engineers' practice of ethical AI 2. Sekiguchi K, Tanaka K, Hori K (2009) "Design with discourse" to design from the "ethics level". In: Družovec TW, Jaakkola H, Kiyoki Y, Tokuda T, Yoshida N (eds) Volume 206: information modelling and knowledge bases XXI, Frontiers in Artificial Intelligence and



Supplement (2): Narrative Structure for Data Utilization

(vertical axis) and representation state (horizontal axis).



(2024). <u>https://doi.org/10.1007/s00146-024-02156-y</u>

The prototype of the hierarchical narrative structure for data utilization is defined in reference [1]. It addresses representation granularity

Requirement Representation

1. Sekiguchi, K. and Ohsawa, Y.: Aiding narrative generation in collaborative data utilization by humans and Al agents, Al & SOCIETY



Account Management

- Account registration is required to create graphs with HieNaR "Copilot" • Tool.
- "Name" can be a nickname. "Mail" is used for password reset (a dummy email is fine if you won't reset your password).



Account Registration

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Login

• account.



To create graphs with HieNaR "Copilot" Tool, log in with your registered



Changing Account Information

• information.



HieNaR "Copilot" Tool allows you to edit your registered account



registered email address if you forget it.

 HieNaR - login × + ← → C ≤ hienar.com/login 	 ♦ ● ● ■ HieNaR - require recovery × + ← → Ø ≤; hienar.com/require_reset
Heretar - keyin x +	I dome Gallery How to Terms Register Login Editor Folder Setting (2) Enter your account name Senda password recovery mail Registered name : sample Registered mail : aaa@bbb.coc (3) Enter your email address The next steps are: • Click the "Require" button once • Click the URL in the mail to open the page to recover password • (4) Check "Verify you are human"
<u>Open register page</u>	Require 5 Click the "Require" button

Password Recovery (1)

HieNaR "Copilot" Tool allows you to reset your password using your



14

- (Continued)
- Check the email with the subject "Password Recovery" sent from "HieNaR Support" (set.new.password [at] hienar.com).

		Ē
SH HieNaR Support Password recovery 宛先:		
Dear , This is HieNaR. Please click the URL to open a page	to reset your password:	

https://hienar.com/recovery username=kaira&token=y4AafCwMxVmvj6sFO1nrFQB0rBhuSHxYasFHl4H47wjW0tN6XV8firR 1Hv

This link is available in one hour.

If you have received this message in error, please mail us:

hienar.com [at] gmail.com

Password Recovery (2)





- (Continued)
- opens.



Password Recovery (3)

• Click the link in the email and set a new password on the page that



Logout

HieNaR "Copilot" Tool allows you to explicitly log out. •





Account Closure

- own operation.
- (as much as possible). This action cannot be undone.



HieNaR "Copilot" Tool allows you to close your account through your

All data from deleted accounts will be removed from the database

۲

(2) Enter your account name

(3) Check "Verify you are human"

(4) Click the "Update Setting" button



Chatting

Opening Chat Screen

• HieNaR "Copilot" Tool provides the "Editor" page for creating graphs.



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Enter OpenAI API key here 🔯	o4-mini+o3	~ Bulk	Ŷ	Simple	~
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Enter your idea here					60





OpenAl API Key Setup

- •
- yourself.



HieNaR "Copilot" Tool requires an "OpenAI API Key" to create graphs. Please prepare your own OpenAI API Key and bear the usage costs



- HieNaR "Copilot" Tool allows you to select the model to use: •

 - · 03



Model Selection

o4-mini+o3 : o4-mini for conversation branching, o3 for graph data generation o4-mini : o4-mini for both conversation branching and graph data generation : o3 for both conversation branching and graph data generation



Streaming Mode Selection

- HieNaR "Copilot" Tool allows you to select streaming mode.
 - Bulk
 - trial results



: Outputs the final generation results all at once Streaming : Outputs progressively, including summaries of the LLM's

To enable streaming, you may be required to complete "Verify **Organization**" in the OpenAl account where you issued the API Key.



Mode Selection

- HieNaR "Copilot" Tool allows you to select the generation mode: • Simple : Let the program settings handle graph features (node labeling, edge direction, etc.) (Recommended)

 - Advanced: Configure graph features in detail yourself through prompts •





Setting Representation Space Axes

- axes.





HieNaR "Copilot" Tool allows you to change the representation space

An error will occur if the number of configured axes is not three.



Conducting Chat

- HieNaR "Copilot" Tool allows you to create graphs while chatting with a Large Language Model.
- See also Page 6 for what is required as input.





Restarting the chat from a certain point

conversation from the middle of a chat.



The HieNaR "Copilot" tool allows you to create a copy and restart the



Graph Zoom, Move, and Rotate

Zoom

•

Editor (Open New) | Folder | Setting

challenges remaining for humanity in the AGI era

lignment algorithms for trustworthy and aligned AGI

HieNaR "Copilot" Tool provides various ways to adjust the graph display.





Adjusting font and arrow sizes

• size within graphs.



The HieNaR "Copilot" tool allows you to change the font size and arrow



Chat Management

Opening Chat

 HieNaR "Copilot" Tool automatically saves past chats, and you can open each one from the "Folder" page. (You can also open them directly from the chat URL)

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<u>127</u>	2 mins	New chat	-
<u>90</u>	13 days	[Fix] Safety and Alignment for ADL (Demo Movie ver)	-
<u>78</u>	14 days	AGI to any	-
<u>66</u>	14 days	Al success and risk scenarios (2) C	ck "Chat id"
22	18 days	[Fix] Al-driven National Growth Strategy	
21	18 days	Al-driven National Growth Strategy	-
<u>18</u>	19 days	[Eix] AI for economic growth	-
14	19 days	Al for economic growth	-
<u>6</u>	21 days	[Fix] Demo movie	-





Editing Chat Information

• Note) to individual chats.



HieNaR

Chat id	Created	Name	
<u>127</u>	32 mins	New chat	-
<u>90</u>	13 days	[Fix] Safety and Alignment for ADI (Demo Mor	vie ver)
<u>78</u>	14 days	AGI for alignment and safety	-
<u>66</u>	14 days	Al success and risk scenarios	(3) Enter informat
22	18 days	[Eix] Al-driven National Growth Strategy	
21	18 days	Al-driven National Growth Strategy	-
18	19 days	[Fix] AI for economic growth	-
<u>14</u>	19 days	Al for economic growth	-
6	21 days	[Fix] Demo movie	-

HieNaR "Copilot" Tool allows you to add information (Name, Reference,

Publishing Chat

HieNaR "Copilot" Tool allows you to publish your own chats publicly.
 Published chat contents become viewable by other users and will be used by the operator for service provision (such as suggestion features).





Deleting Chat

- own operation.
- much as possible). This action cannot be undone.



HieNaR "Copilot" Tool allows you to delete individual chats through your

All data from deleted chats will be removed from the database (as



Practice Exercises

Creating Basic Graph Forms

- Please create a graph following these steps:
 - Ask in chat "Tell me ideas for realizing XX"
 - Check the bullet points in the response
 - Select one item that interests you
 - Instruct in chat "Create a graph for the Xth idea"
 - Instruct in chat "Add proper nodes to Raw state in this graph"
 - Instruct in chat "Add a proper node to the Text level in the Patterned state of this graph"
 - Instruct changes in chat to complete your own unique graph



Sample Output (1)

The HieNaR "Copilot" tool's basic graphs structure narrative patterns, system design scenarios, and corresponding datasets.



