Use cases of Keyword Explorer

General policy

(1) First of all, please have a rough idea about all the commands

• There are three kinds of commands found in:

- (a) the pull-down menu
- (b) the pop-up menu by right-clicking a node
- (c) the pop-up menu by right-clicking the blank (empty) region of the map

• Roughly speaking (see next slides for detail),

- Kind (a) commands include functions for generating a map, retrieval and histories of operations
- Kind (b) commands include functions specific directly to the selected node, and
- Kind (c) commands include such functions that apply to the whole map

(2) Then, follow the typical use cases below to capture how this tool works

(a) Generic commands

Hozo2Map - [Antifouling]

Show & edit

Generate a map Generate a map (layer by layer)

Search a keyword in the map History data of the node search

History data of the node selection

Open/Close all the nodes on the out-most layer Show all the closed paths List of the nodes at the first layer Show the detailed explore tool

elated nature

Undo

Redo

1

KUR.



Det

(b) Node specific commands

	Rat.
a.	Thumb up
	Open/close the selected node Hide all the other paths at the same layer Show all paths (back to the initial map)
	Retrieval on online DBs
lat	Show all the paths to the selected nodes in a new window Generate a new map using the selected keyword as the center

(c) Commands for the whole map

Show & edit

Obiec

Hia.



Use cases of Keyword Explorer



Generate a map





The purple fan-shaped region is for viewing the hidden nodes because of overlaps. It appears when the cursor goes on any node and it is fixed when you left-click the node, then you go to the purple region where any operations on a node are applicable.

You can thumb up any node.

If you right-click "Hydrophilic" node and select "Hide all the other paths at the same layer", then the map in the next slide will appear.

Hozo2Map - [Antifouling]

UR..

Ara..

Show & edit

The same command can be issued on the "Hydrophilic" node which appears in the purple fan-shaped region by left –clicking the original "hydrophilic" node.

v left -clicking the original

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TIFI Cha.

Hydrophilic

















Rattlesnake Infrared

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The infrared" vision" of snakes

EA Newman, PH Hartline - Scientific American, 1982 - JSTOR ... o· • 10· 20" 30· 40· 50· 60· OVERSHOOT SPATIAL ACCURACY of the rattlesnake's infrared system can be measured by presenting a warm object at various angles to the left or the right of a snake whose eyes are covered with blinders ...

☆ 99 引用元 152 関連記事 全 3 バージョン

[HTML] Integration of visual and **infrared** information in bimodal neurons of the **rattlesnake** optic tectum

EA Newman, PH Hartline - Science (New York, NY), 1981 - ncbi.nlm.nih.gov

Abstract Bimodal neurons in the **rattlesnake** tectum, which receive sensory input from the retina and from the **infrared**-sensing pit organ, exhibit novel, highly nonlinear cross-modality interactions. Some units respond only to simultaneous bimodal stimulation. Others respond

☆ 59 引用元 162 関連記事 全 11 バージョン

Spatial and temporal integration in primary trigeminal nucleus of **rattlesnake** infrared system

LR Stanford, PH Hartline - Journal of neurophysiology, 1984 - Am Physiological Soc The spatial and temporal characteristics of the **infrared** responses of single neurons in the nucleus of the lateral descending trigeminal tract (LTTD) of the **rattlesnake** were investigated. The LTTD is the sole projection site of trigeminal neurons that innervate the

☆ 99 引用元7 関連記事 全3バージョン

Ground squirrels use an infrared signal to deter rattlesnake predation

AS Rundus, DH Owings, SS Joshi... - Proceedings of the ..., 2007 - National Acad Sciences Abstract The evolution of communicative signals involves a major hurdle; signals need to effectively stimulate the sensory systems of their targets. Therefore, sensory specializations of target animals are important sources of selection on signal structure. Here we report the

☆ 59 引用元 103 関連記事 全 16 バージョン

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