MetaVis: Exploring Actionable Visualization

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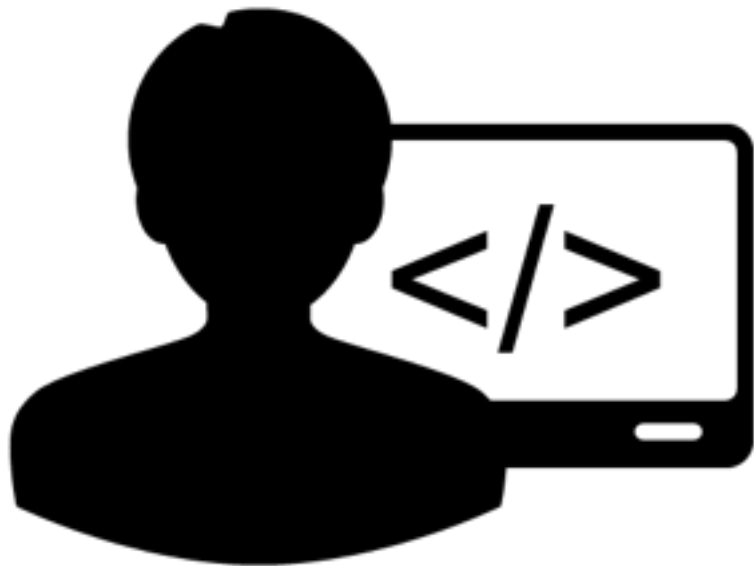PLEIAD, University of Chile

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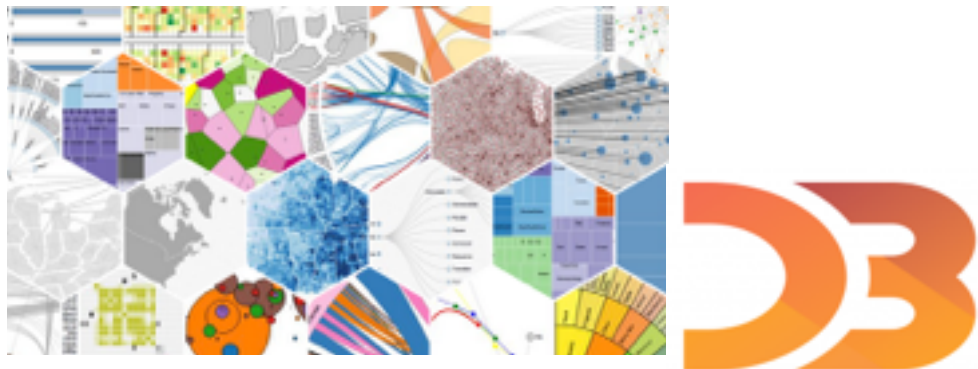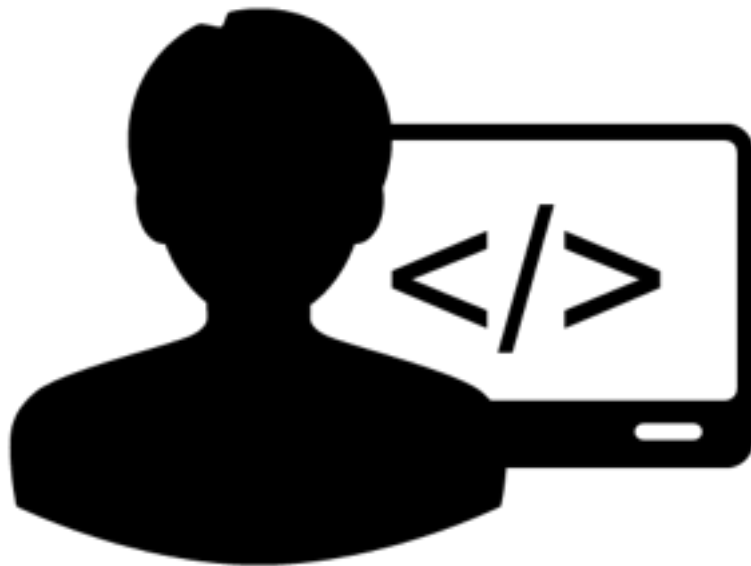UNIVERSITÄT
BERN

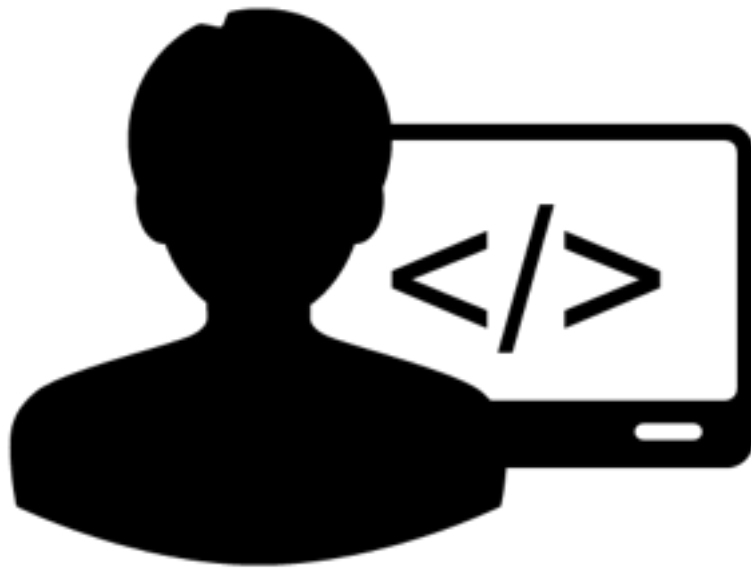merino@inf.unibe.ch

@leonel_merino

Research Gap

Example

e.g., who is the expert for this code?
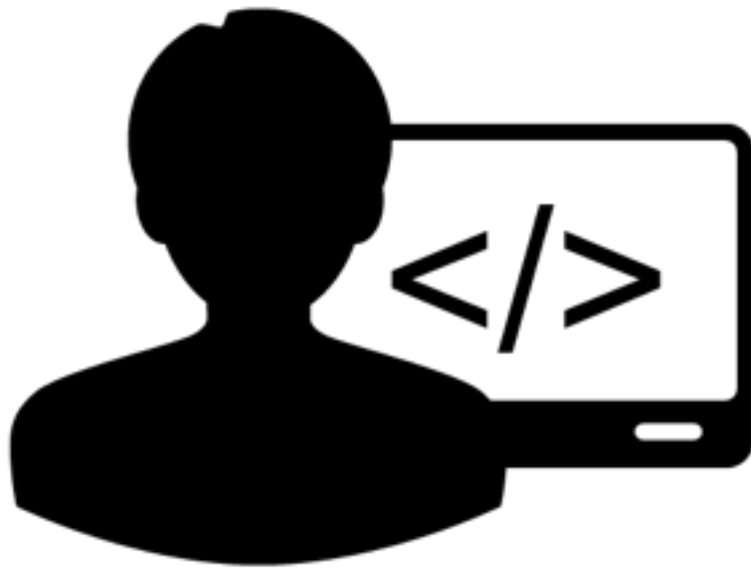
Example

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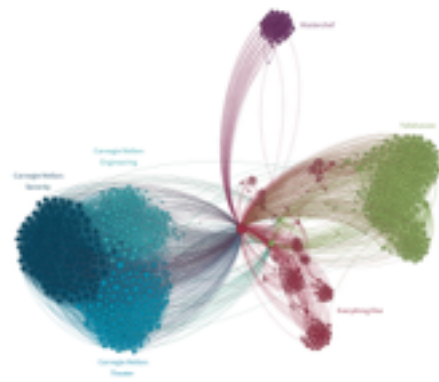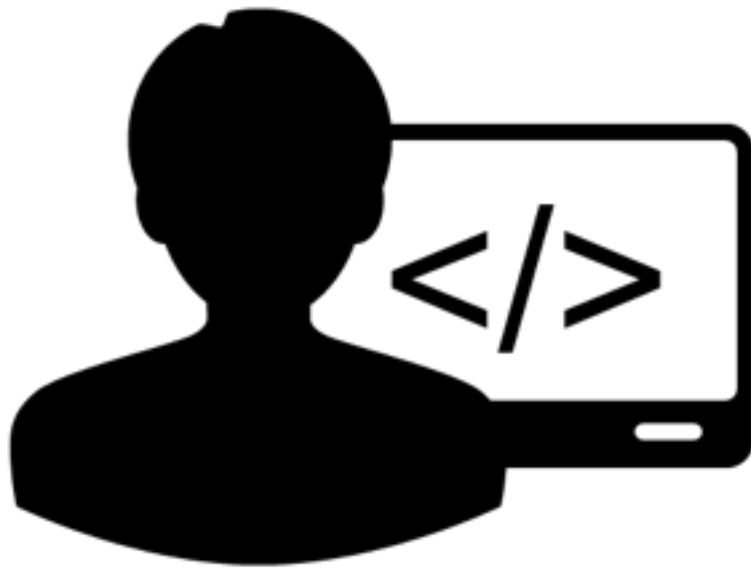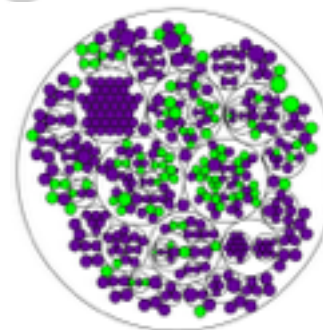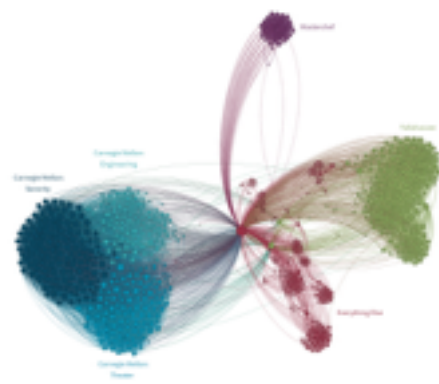
Example

e.g., who is the expert for this code?

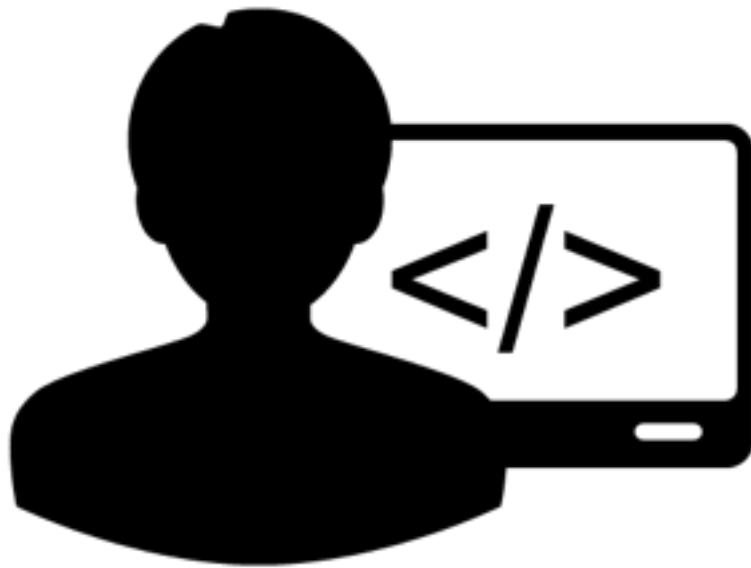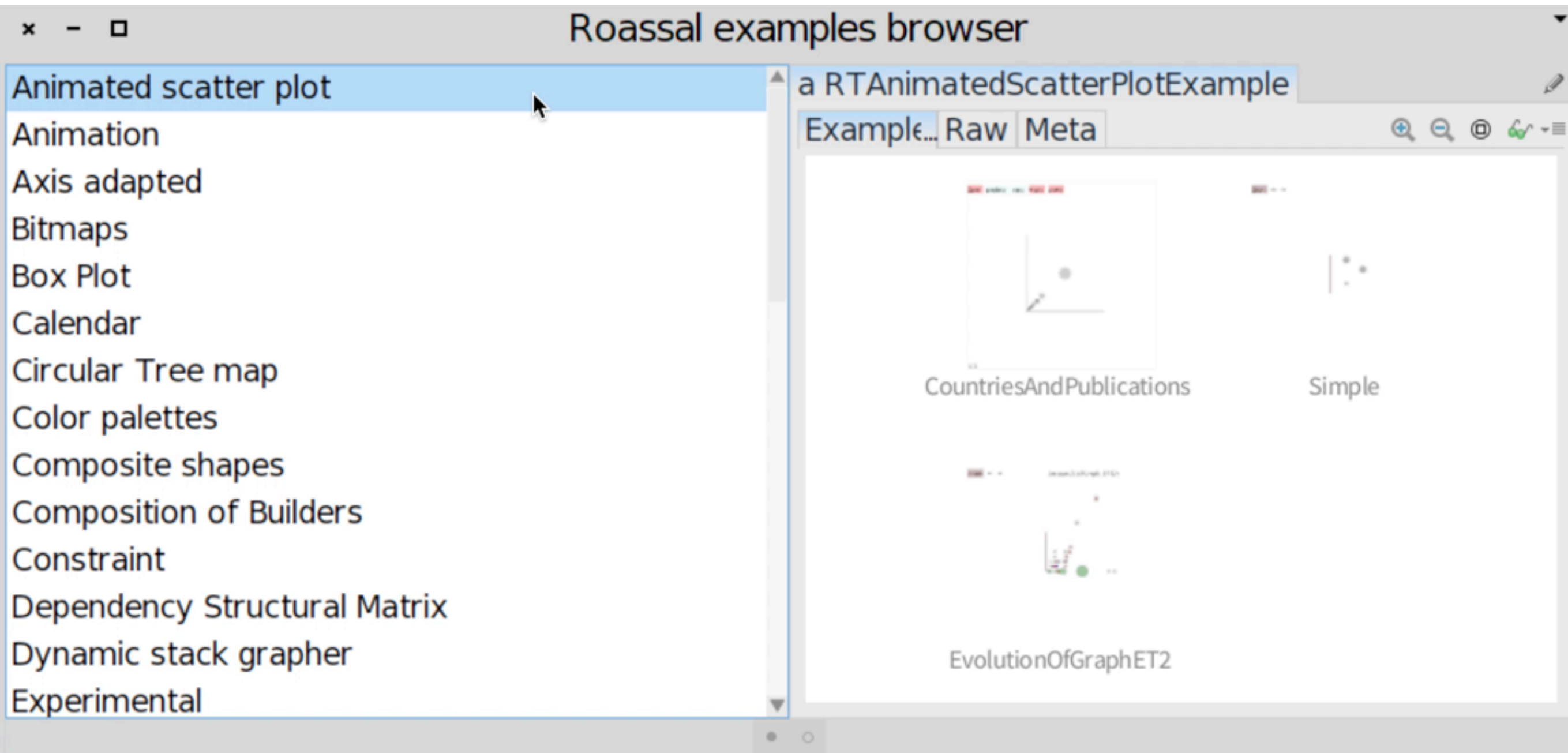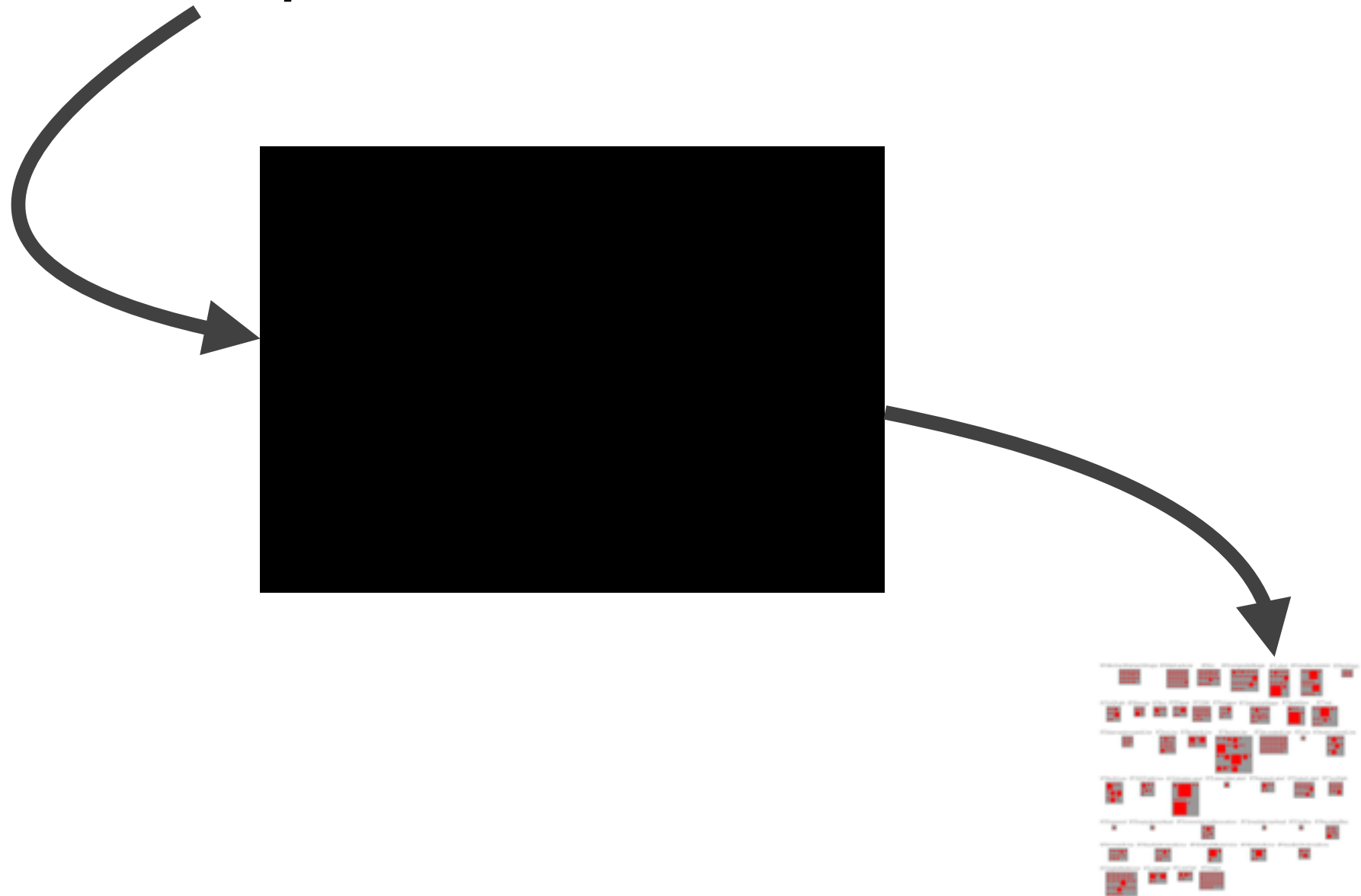# Using Roassal Visualization Engine

Relating Questions to Examples

e.g., who is the expert for this code?

Questions Developers Ask

Collecting 173 Developer's Questions
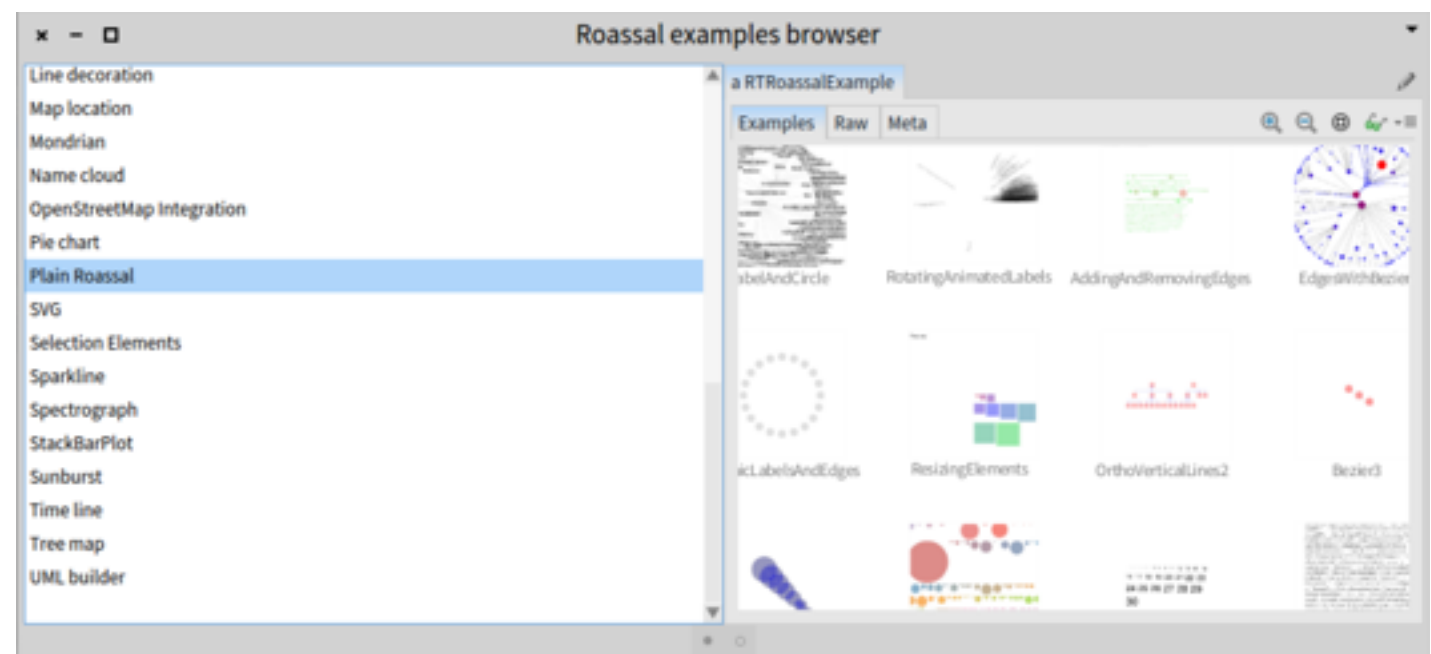
Suitable Questions

Selecting 76 Developer's Questions

Roassal Visualization Examples

76 Developer's Questions
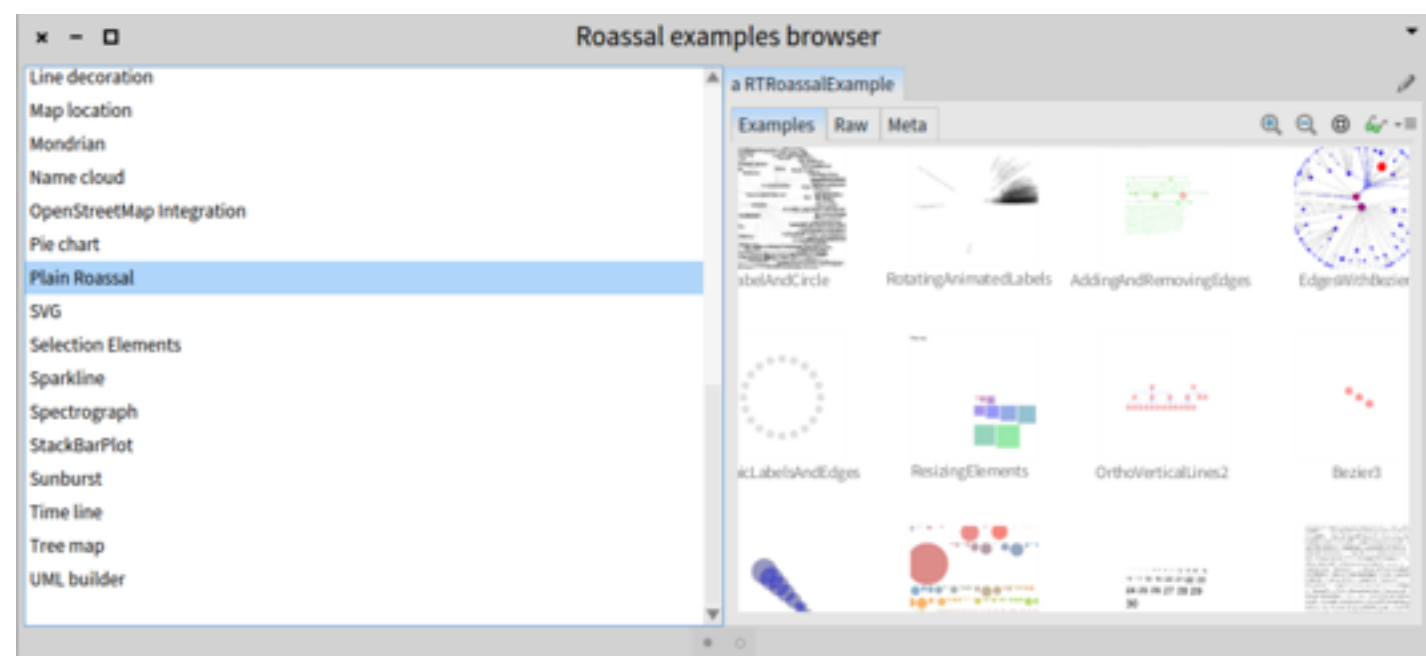
373 Visualization Examples

Suitable Visualization Examples
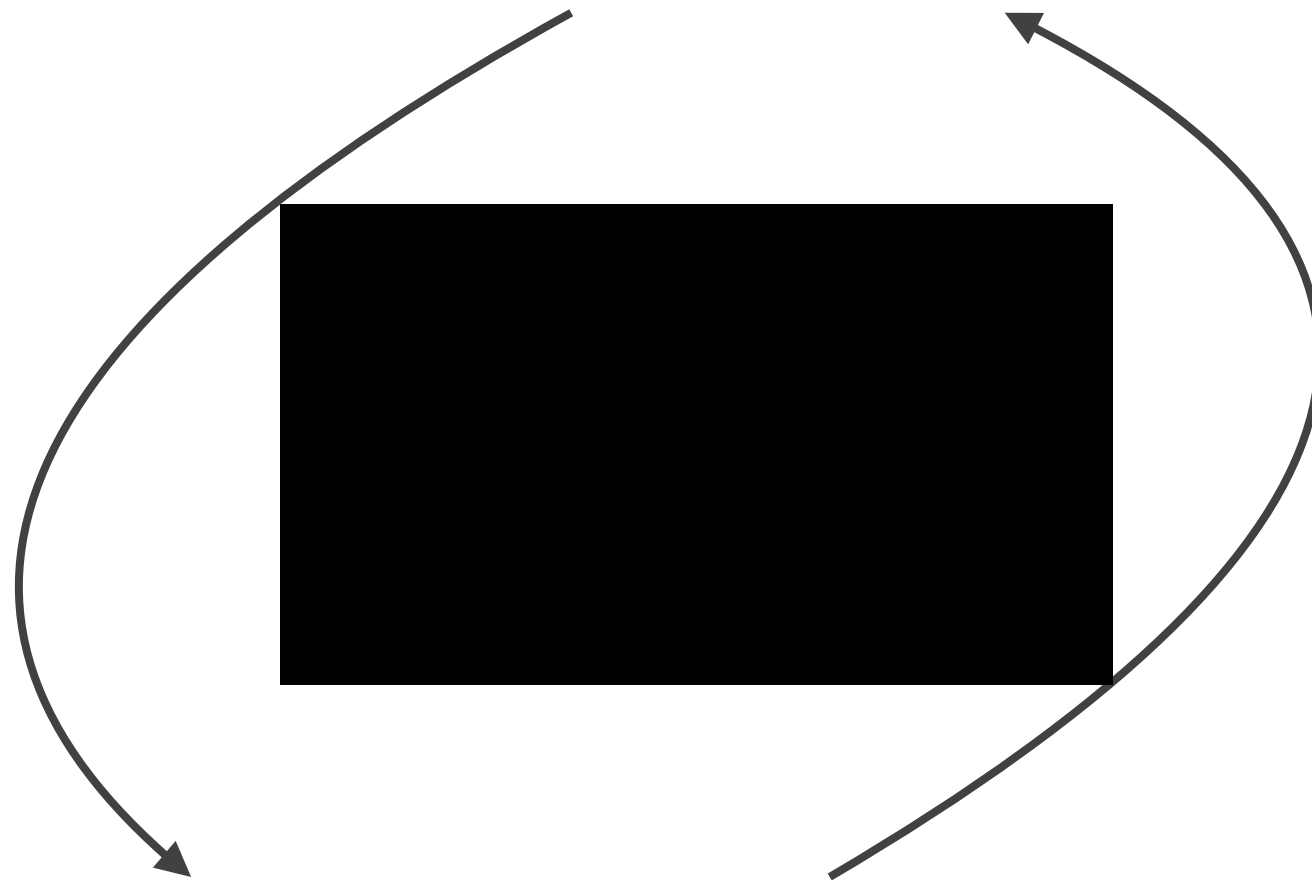
76 Developer's Questions
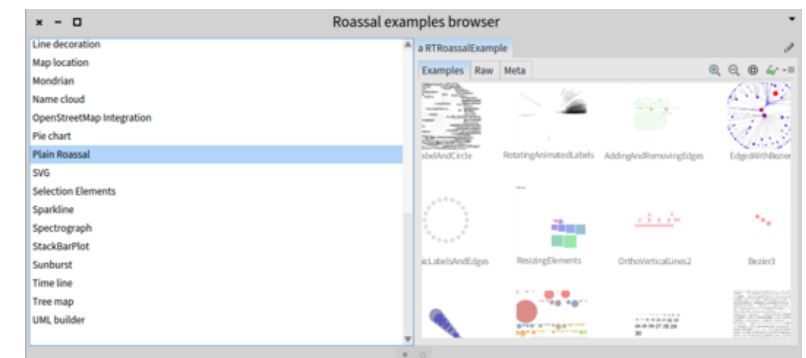
49 Visualization Examples

Explore Visualizations

76 Developer's Questions
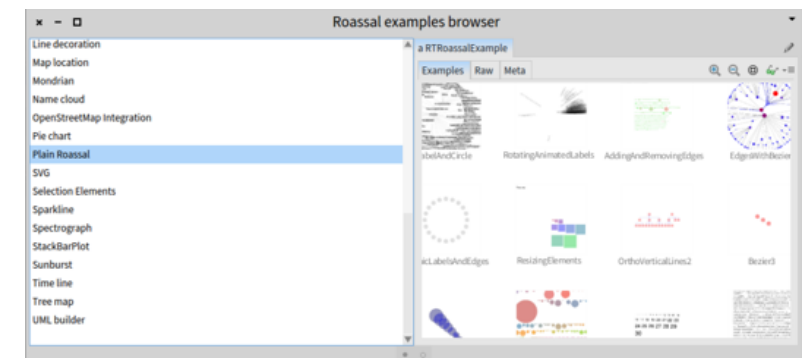
49 Visualization Examples

Visualization to Explore Visualizations
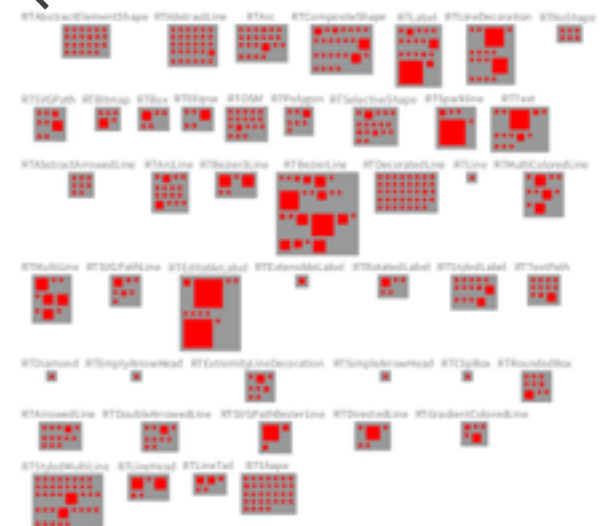
76 Developer's Questions

Visualization

49 Visualization Examples

How does it work?

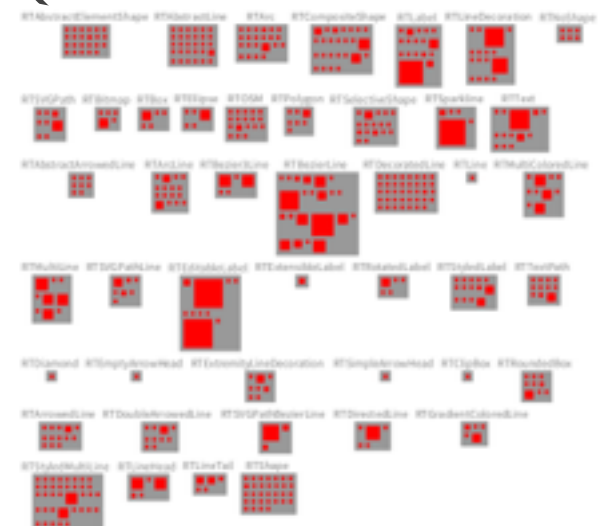*e.g., who is the expert for this code?*

How does it work?

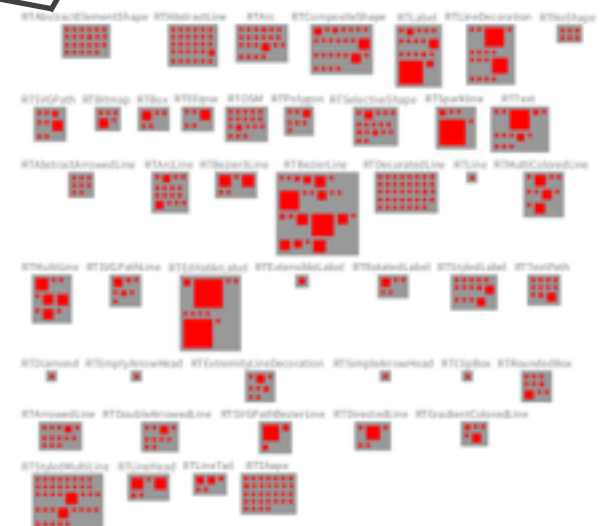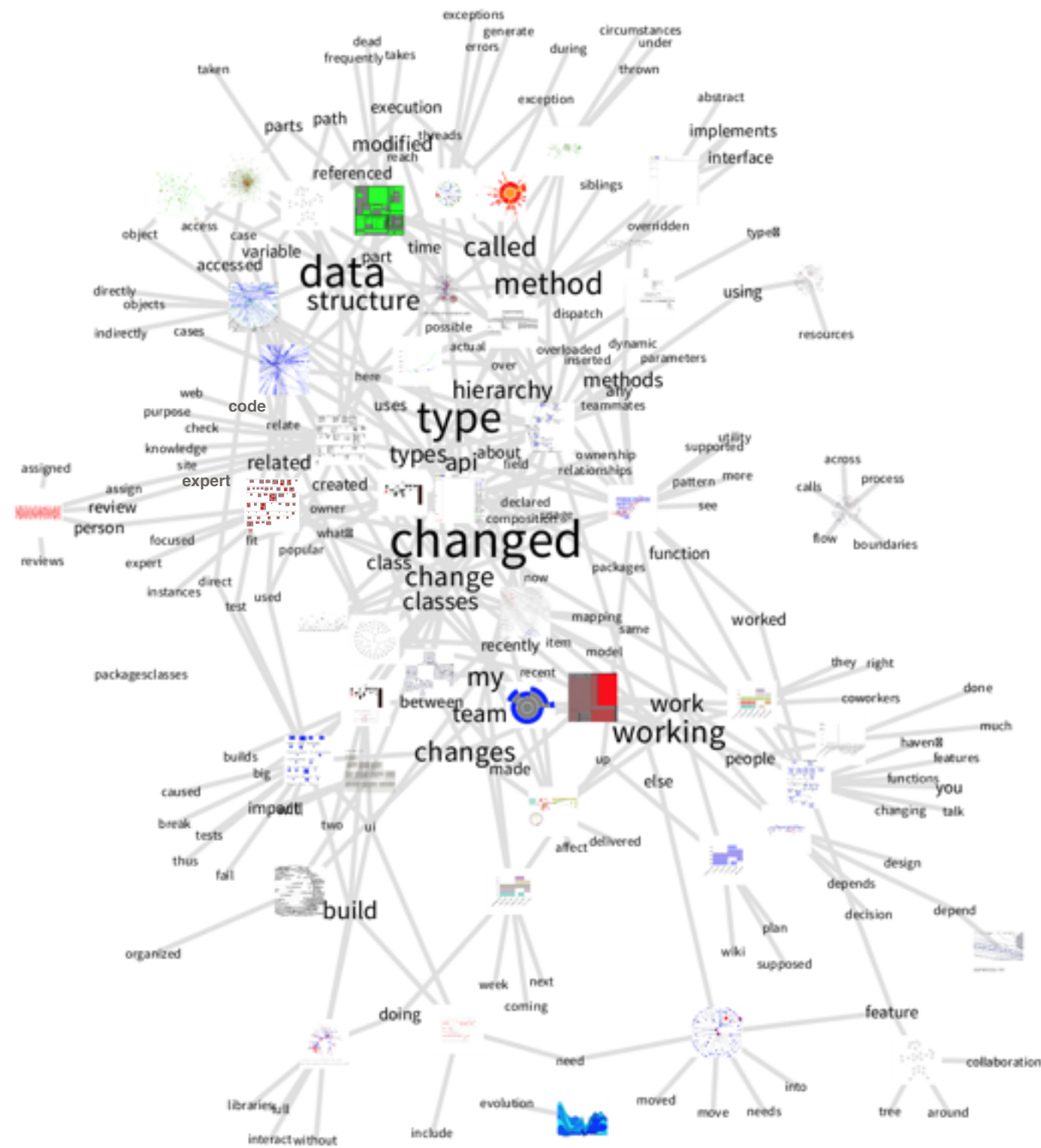*e.g., who is the expert for this code?*
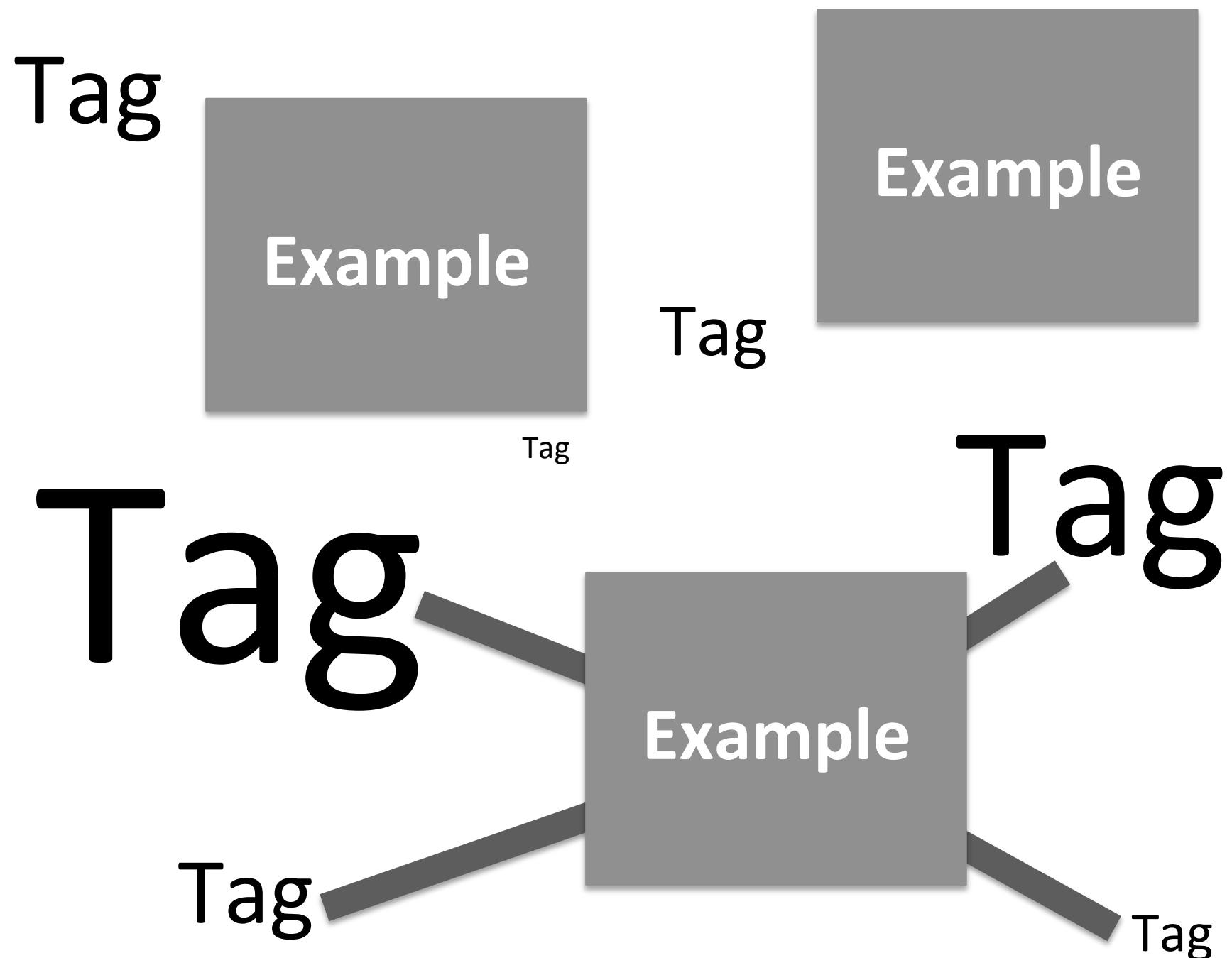
expert

code

How does it work?

expert   *code*

TIC: Tag-Iconic Cloud Based

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Tag

Example

Example

Tag

Tag

Tag

Tag

Example
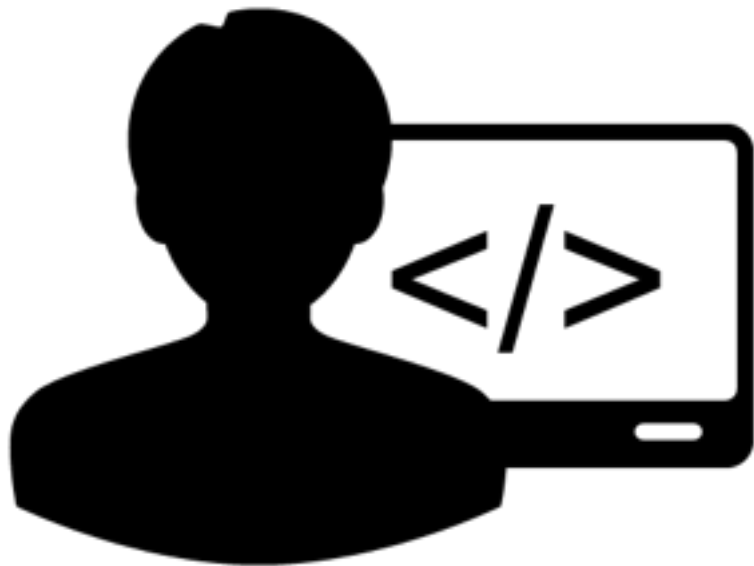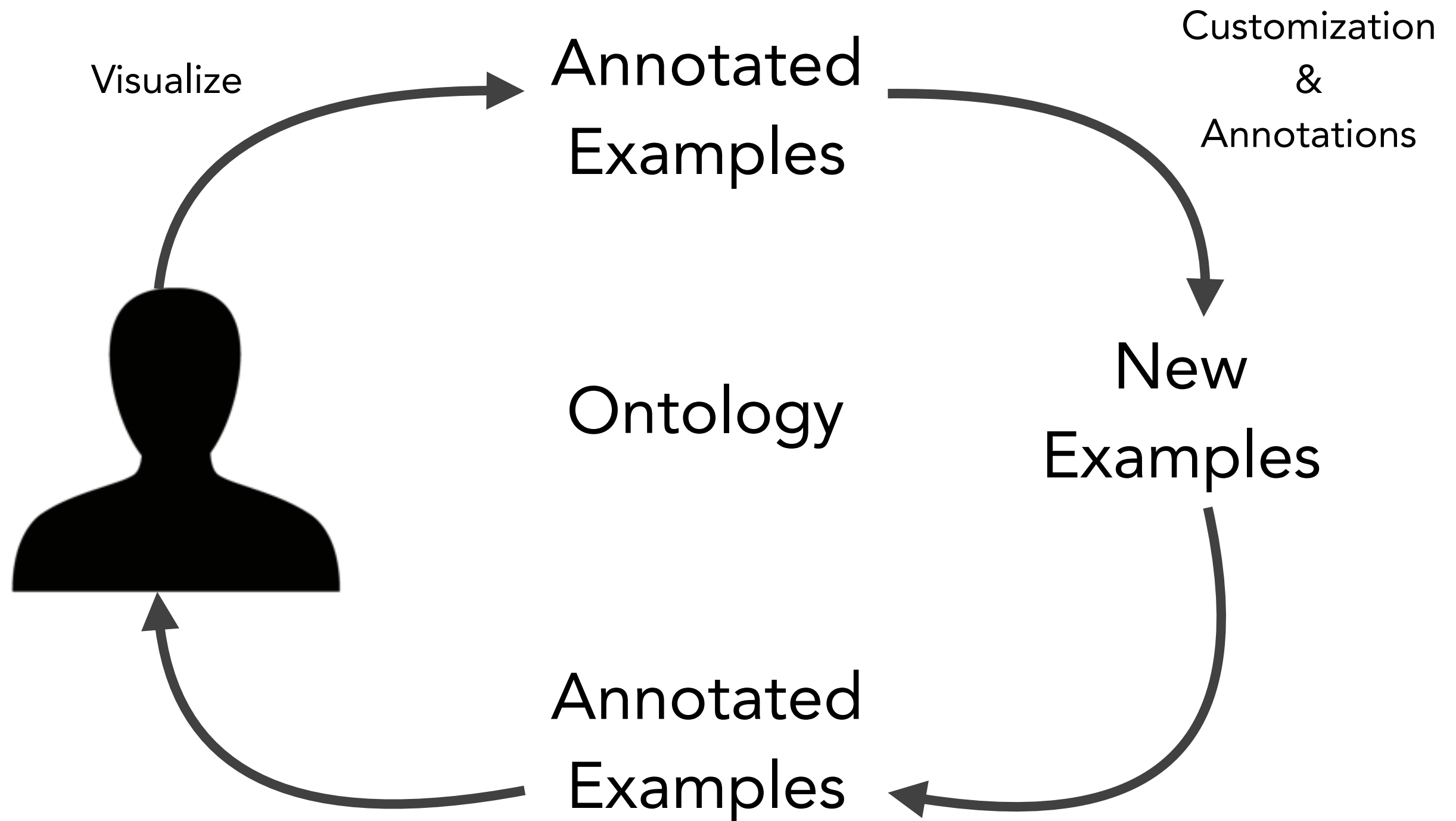
Tag

Tag

Demo

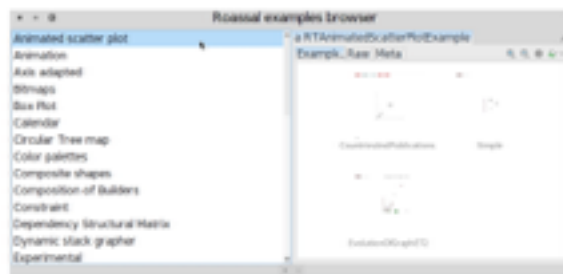*e.g., who is the expert for this code?*

Future Work

Summary

Relating Questions to Examples

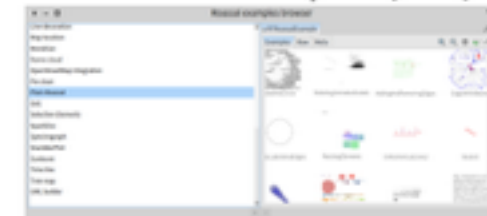e.g., who is the expert for this code?
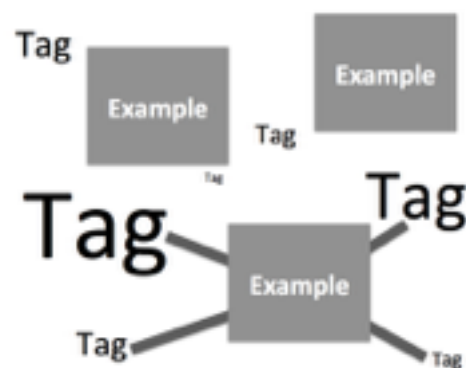

Selecting Suitable Examples

Developer's Questions (173) 76

Visualization Examples (373) 49

Tag-Iconic Cloud-Based Visualization

Future Work