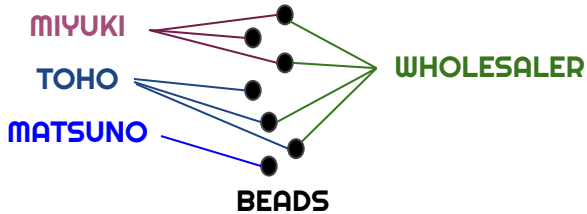


BUILDING A SEED BEAD ONTOLOGY: MAKING SENSE OF SEED BEAD COLOR CODES

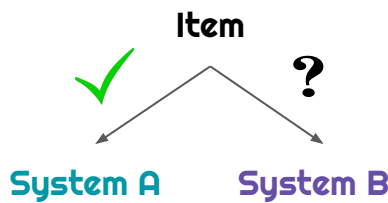
What's the problem?

Multiple color coding systems

MANUFACTURER



Systems are not cross-referenced



SEED BEAD:

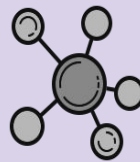
Tiny glass beads available in a huge variety of colors, shapes & sizes

Every color identified by an alphanumeric **COLOR CODE**

How can this problem be solved?



Research bead descriptors



Build an ontology



Use ontology to build a knowledge base

Why it matters

#412 /
Miyuki 412
size 11/0



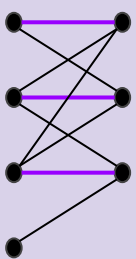
#412d /
Toho 55
size 11/0

Need to know the accurate match because beads are not interchangeable between brands

Accurate color-matching



What difference will this make?



Semantic data: Increase accurate color-matching between coding systems

Searchability: Increase awareness of variety of seed beads available



What's next?

- Continue building knowledge base
- Make knowledge base available to users