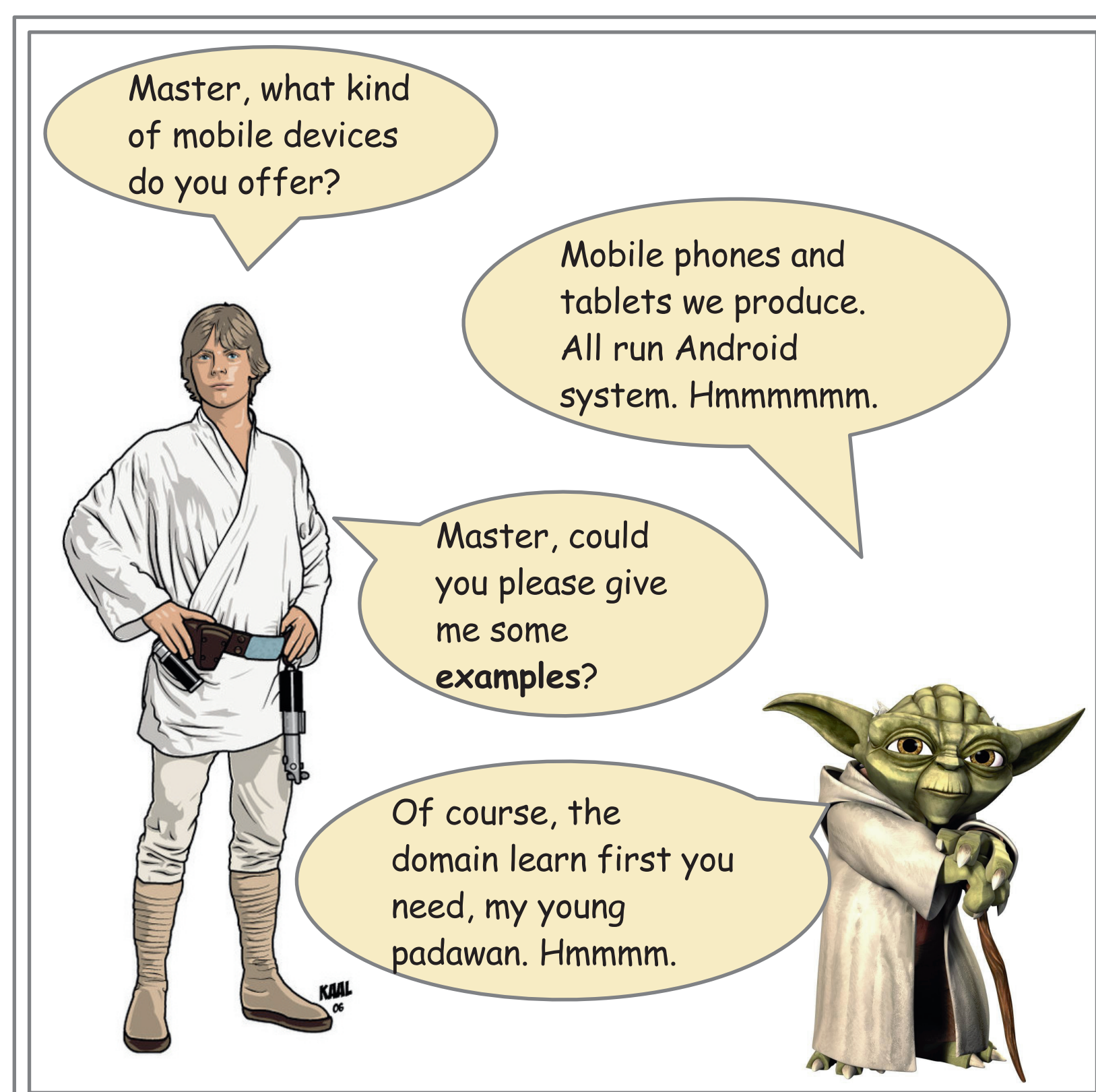
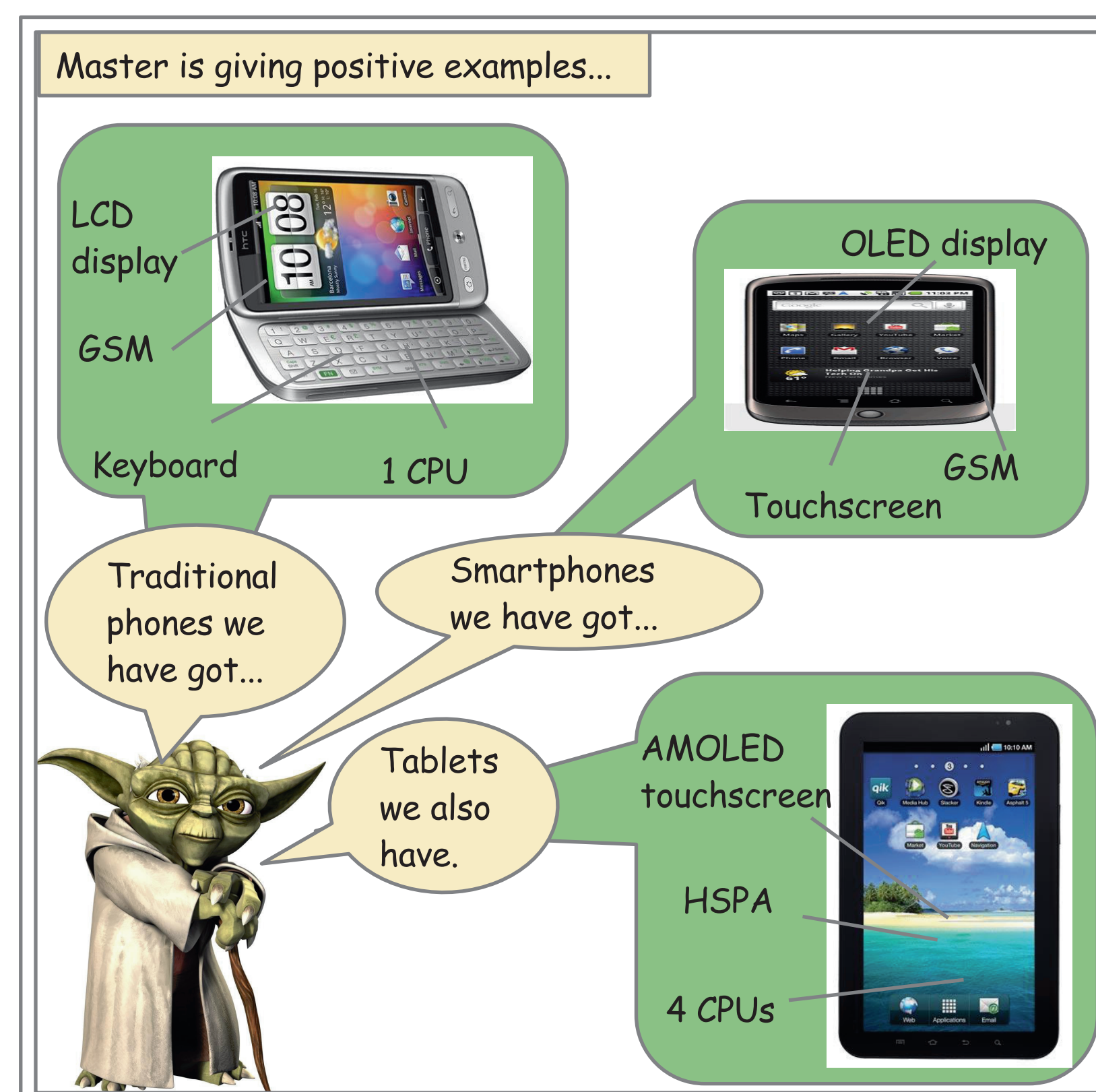




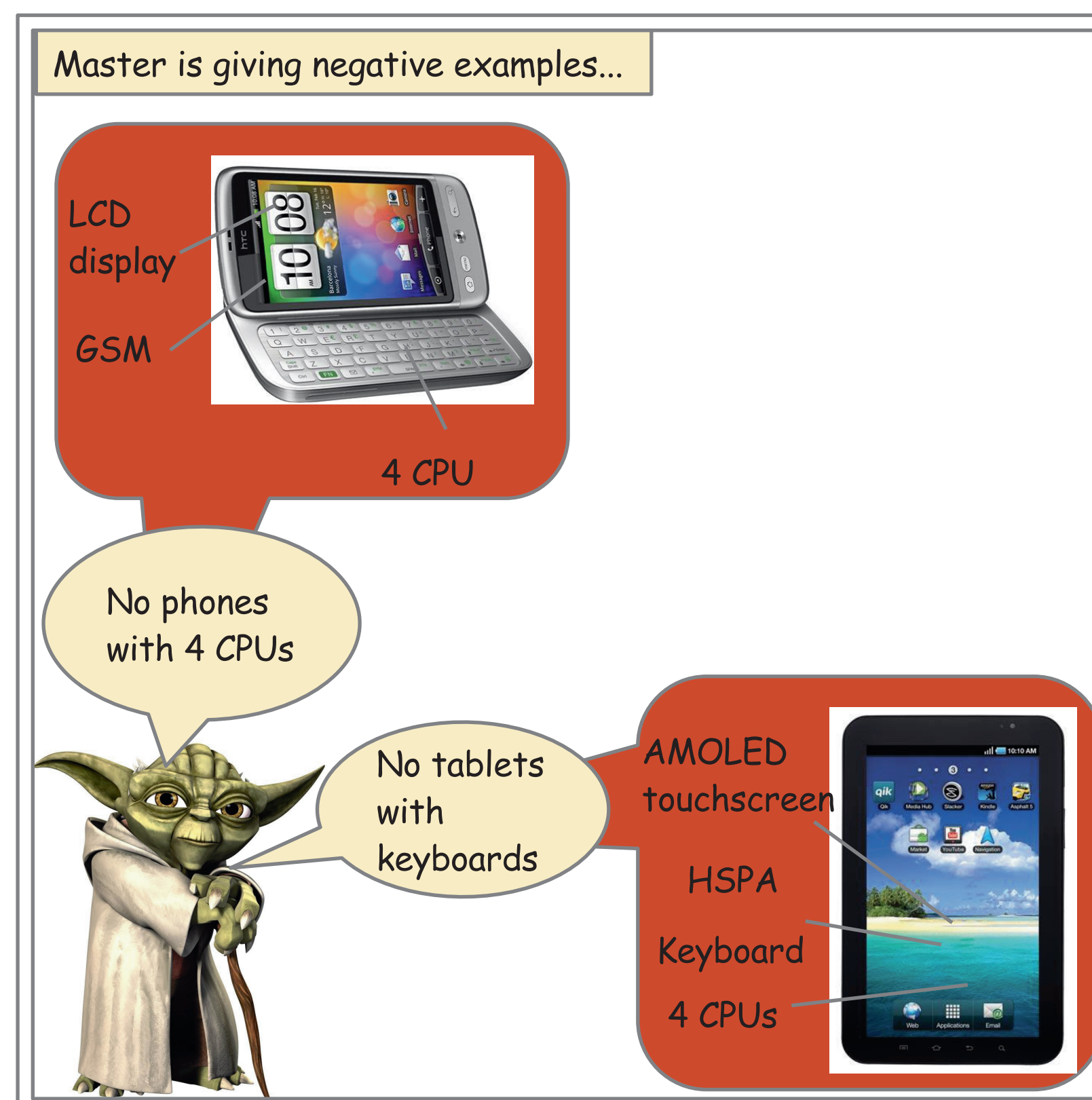
A story about eliciting, modeling, verifying, and validating domain knowledge ...



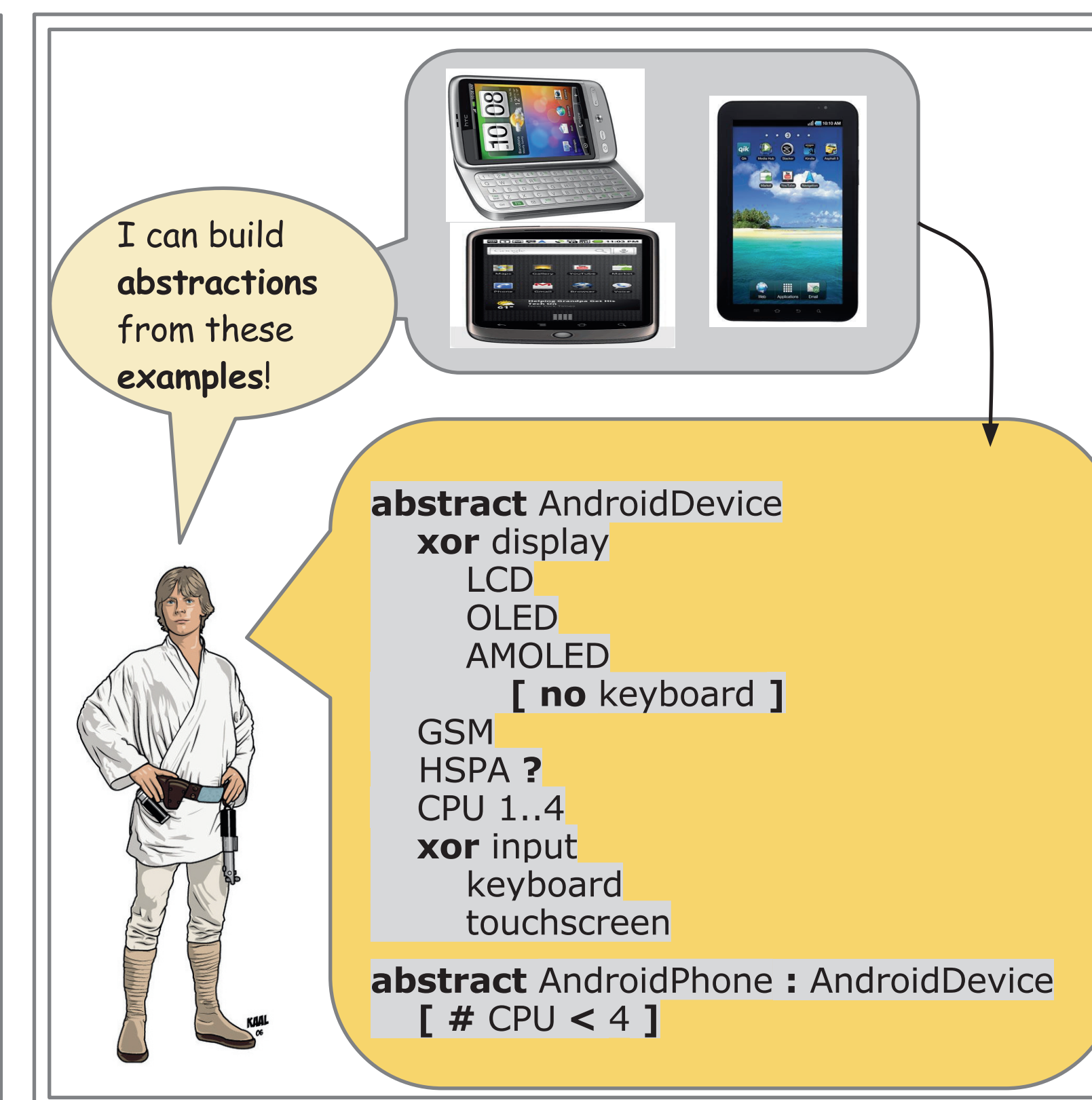
Knowledge transfer between an analyst and a subject matter expert



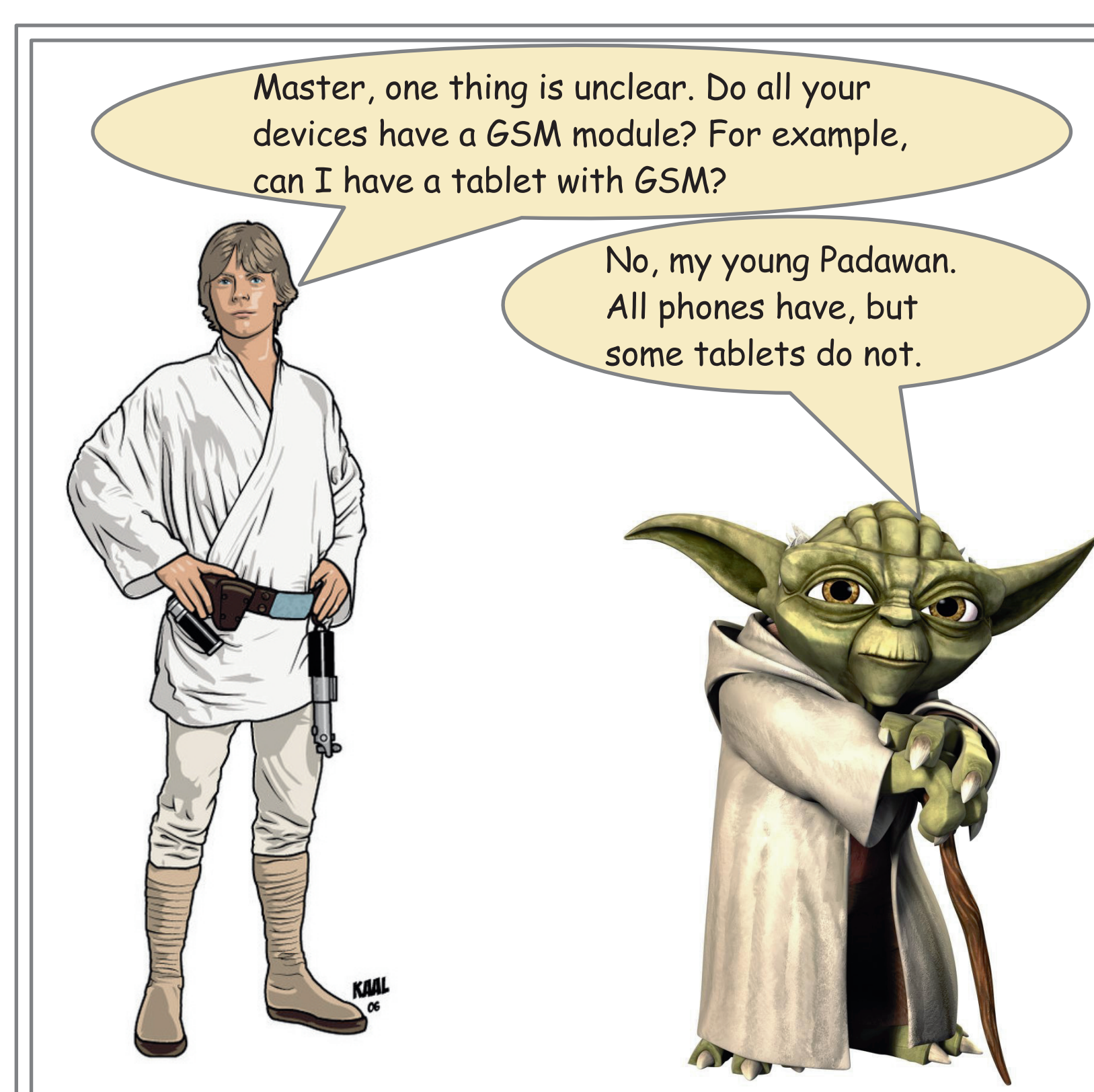
Examples are easy to understand for non-experts



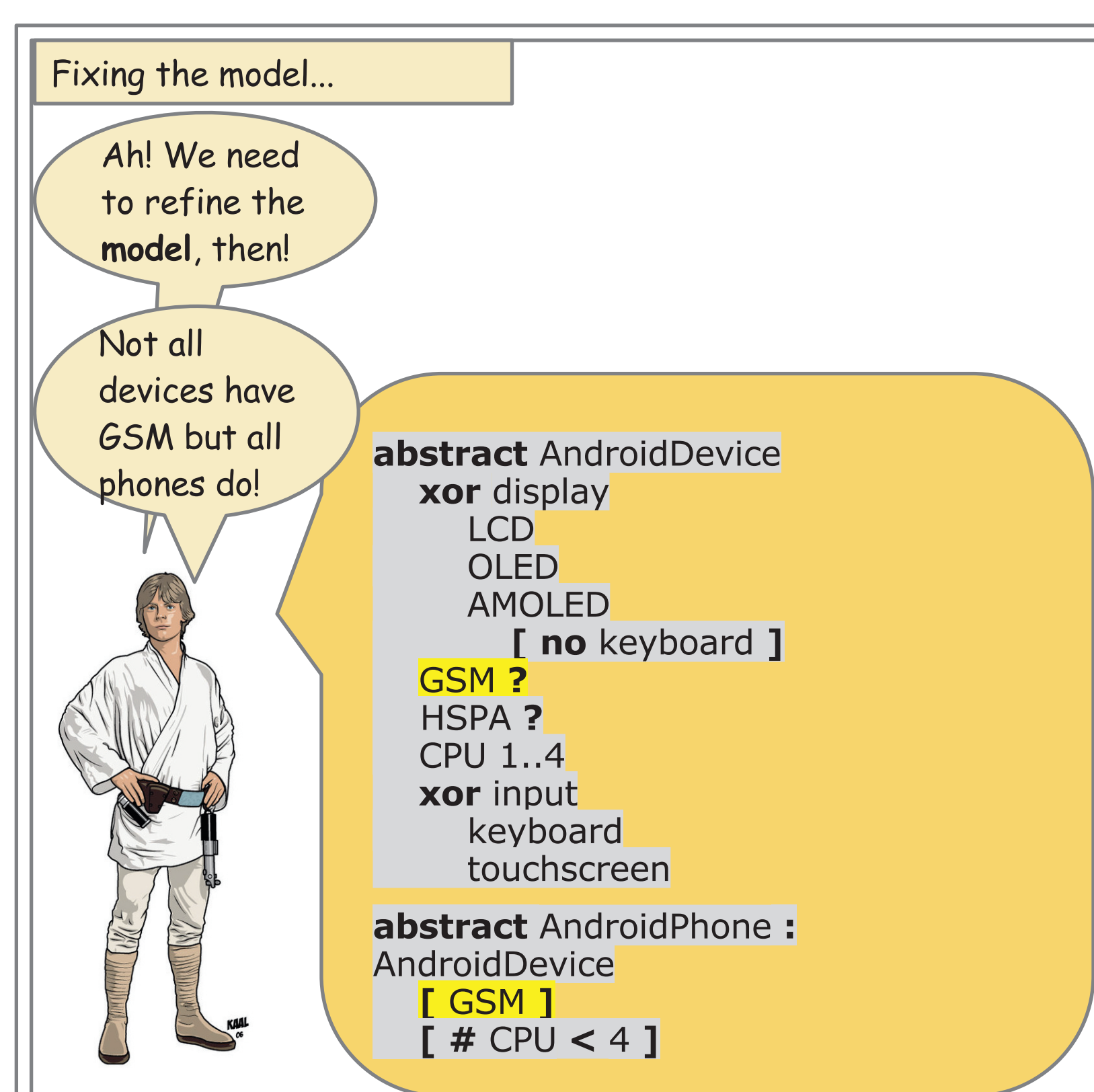
Negative examples illustrate constraints



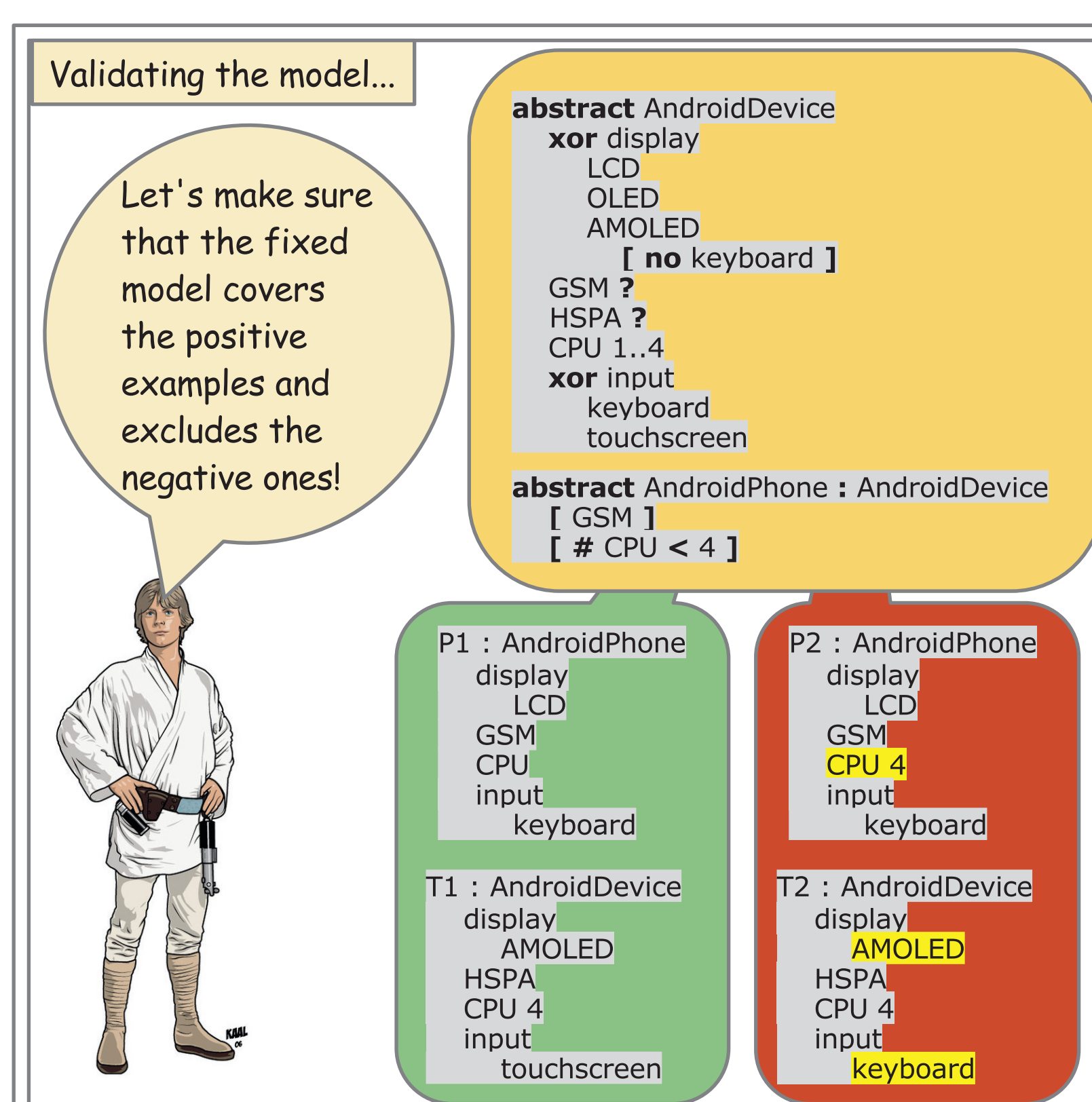
Abstraction inference from examples



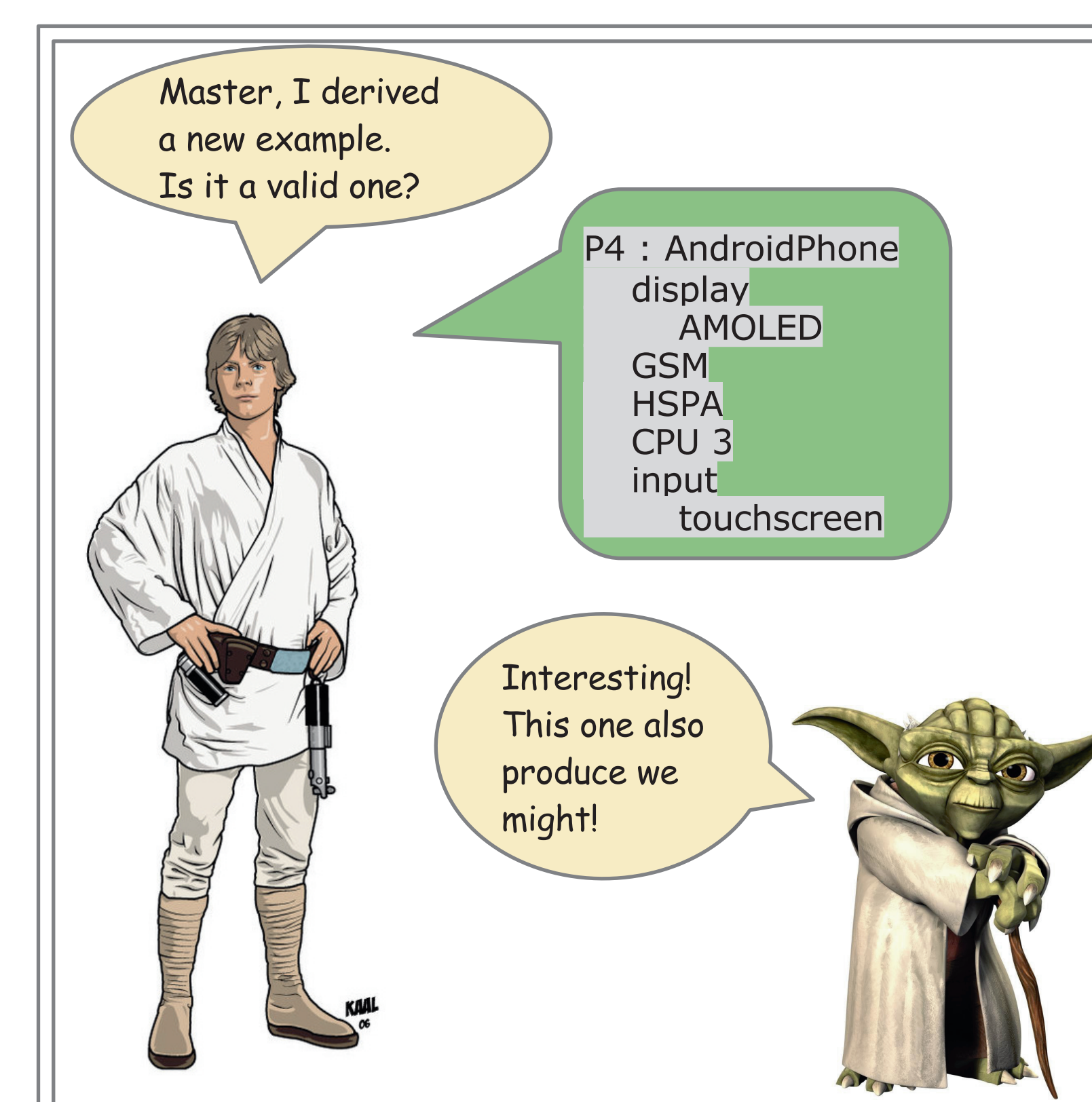
Clarification using an example



Model refinement based on feedback



Model validation using examples



Example derivation from abstractions

Main Hypothesis:

Examples help improve model quality and model comprehension among stakeholders

Research Agenda:

- Methods

What examples?
 Positive/negative/near-miss?
 How many? How diverse?
 How to explore/visualize?

- Languages

Examples as part of models?
 Partial examples?

- Tools

Abstraction/example coevolution
 Automatic abstraction inference
 Automatic example derivation

- Empirical studies

Effectiveness of using examples
 Improved model comprehension?
 What kinds are most useful?