What makes a good domain specific language?

- I don't know!

- "know it when I use it"

- Some heuristics

- Let's discover some more . . .

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Exercise: The Store

- Teams of 3-5

- 1 customer

- Specify website (front end)

  - *Find products*

  - *Add to cart*

  - *Checkout (payment, shipping, discounts, etc)*

  - *NOT admin or notifications*

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Hints

- Any representation

- Separate concerns

- Partial solution (why?)

- Write down something quickly, and then refactor it

- "Wrong" beats nothing!

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May have noticed:

- It's hard!

- Domain expert required

- Tends towards GPL

- Hard to scope language small enough

- Start with specific example statements

- Visual vs textual

- Bounded vs. unbounded

- Lots of little languages

- Unambiguous, expressive

- Fluent interfaces (vs terse or api)

- Learn from others (XML schema, OSS solutions . . .)

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