

Next Generation Development Practitioners Need to Be...

HUMBLE

#TechCon2016 #NextGen



Survey: What are the most important core competencies that engineers and technical specialists must have as next generation development practitioners?

Ability to
**Look Beyond
Technology**

and apply *appropriate
technology*

Flexibility

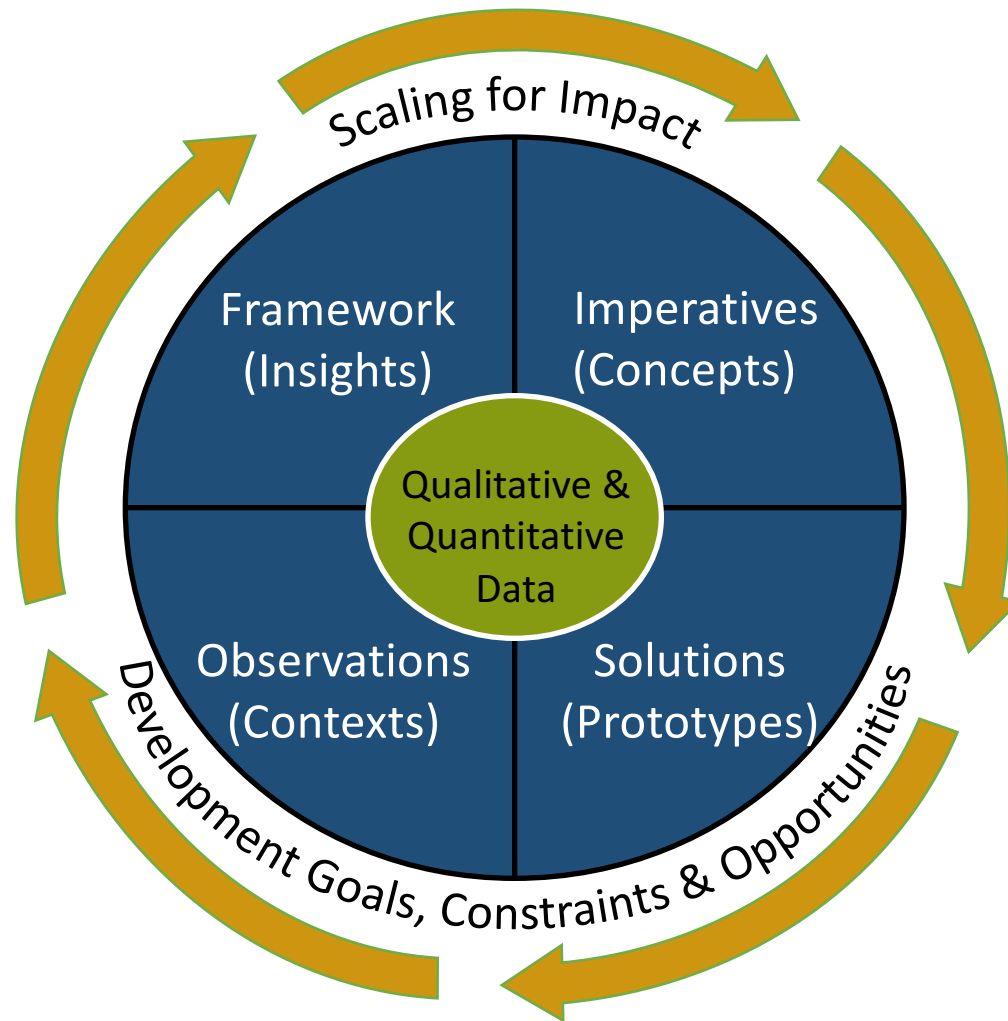
**Communication
Skills**

**Cross-Cultural
Skills**

Ability to understand
complexity &
**Think in
Systems**

Humility
listening & learning
from others

Development Engineering: Research & Practice Model



Development Engineering: Tools & Skills

Uses a **human-centered design** approach and **technological advances** with an interdisciplinary framework of development that requires:

- innovative business models,
- continual impact analysis,
- cross-cultural learning, prototyping and scaling, and
- new models for productive multi-stakeholder collaboration.

21st Century Skills

Humility

& listening & learning
from others,
reflection

Communication & Team Skills

Cross-Cultural/ Multidisciplinary Skills

& problem framing

Ability to understand
complexity &
**Think in
Systems**

**Contextualize
Technology**
& apply *appropriate
technology*

**Flexibility &
Agility**
learn, prototype
feedback, iterate

Development Engineering



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