



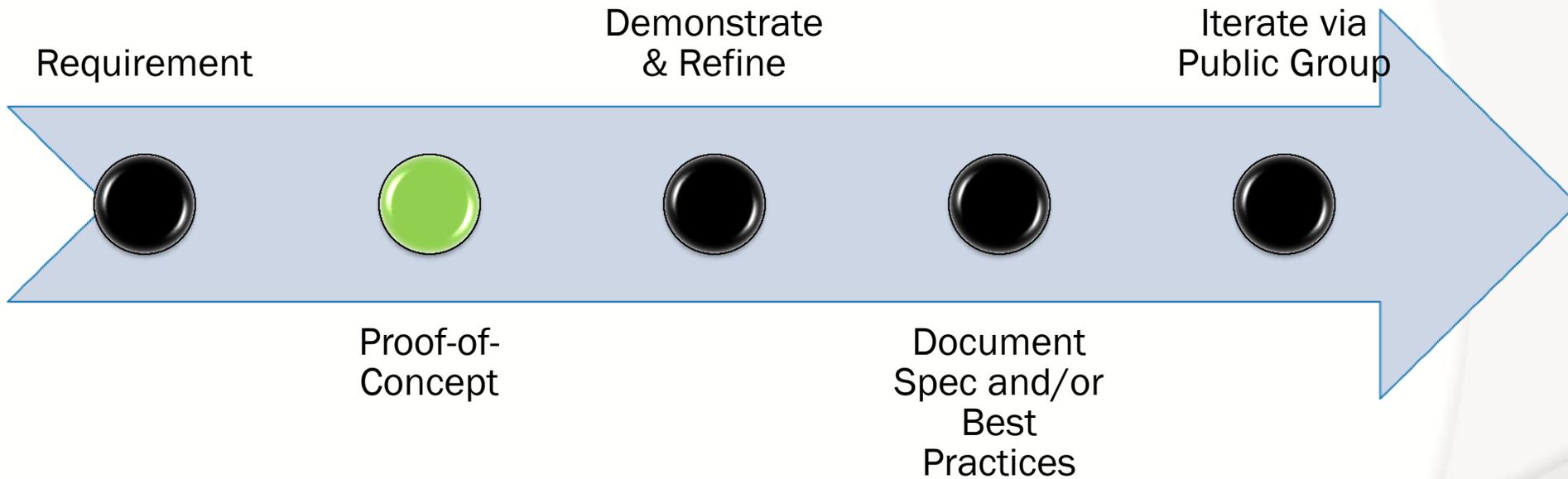
Competency Demo Brief

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What is the Competency Demo?



Common Project Trajectory

Can xAPI statements be used to 'satisfy' a competency?

Question #1

Demo

“Intro to Programming”

What did we find?



Intro to Programming

- You **CAN** ‘satisfy’ a competency with xAPI statements

But:

- The competency identifier is hard-coded in the xAPI statement
- Content associations with competencies are also hard-coded

Can content that supports a competency be identified dynamically ?

Question #2

Demo

“Choosing an LMS”

What did we find?



Choosing an LMS

- You **CAN** dynamically find and launch content associated with a competency using a system like the Learning Registry (LR)

But:

- The content-competency association is manually entered in the LR
- It is assumed there is one and only one piece of web-launchable content associated with each competency
- xAPI statements must still be hard coded for a competency ID

Can xAPI statements ‘satisfy’ a competency without ‘knowing’ about the competency ahead of time?

Question #3

Demo

“Tetris”

What did we find?



Tetris

- You **CAN** ‘satisfy’ a competency via xAPI statements **WITHOUT** knowing the competency ahead of time
- You can create custom combinations of xAPI statements that “satisfy” a competency in different ways

But:

- There is still a lot to do...

What's Next

Assumptions



- ▶ **Demo assumes one piece of content will be identified for each competency**
- ▶ **Demo assumes content is web-launchable**
- ▶ **Demo assumes content is free of cost/license**
- ▶ **Demo assumes that the user is authorized to see it**
- ▶ **Demo assumes content tracks via xAPI**

What's Next



Features

- ▶ **Implement a more thorough learner profile**
- ▶ **Implement a basic recommender engine**
- ▶ **Implement instructor features**
 - Import competency network
 - Associate content with competencies
 - Import others' content associations

Open it up!



Possible community-driven project(s)

- ▶ **Content Brokering and Recommenders**
- ▶ **Launch**
- ▶ **Players**
- ▶ **Paradata and Paradata for Competencies**
- ▶ **Competency Network Best Practices**
- ▶ **Learner Profile**