Hacking SCORM to Gather Social Metrics for Online Resources

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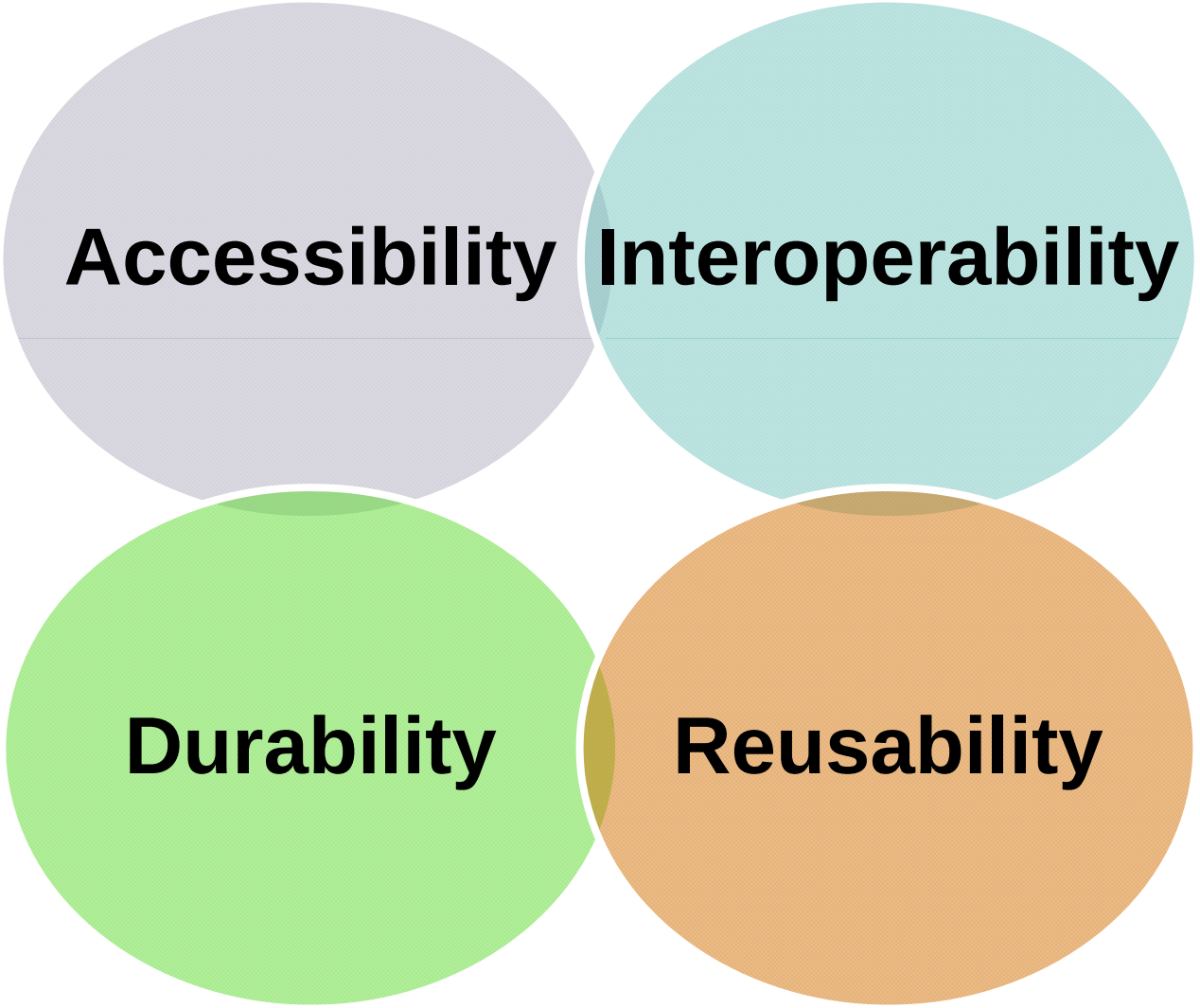
ACCESS INNOVATION

SCORM – A Nice Idea



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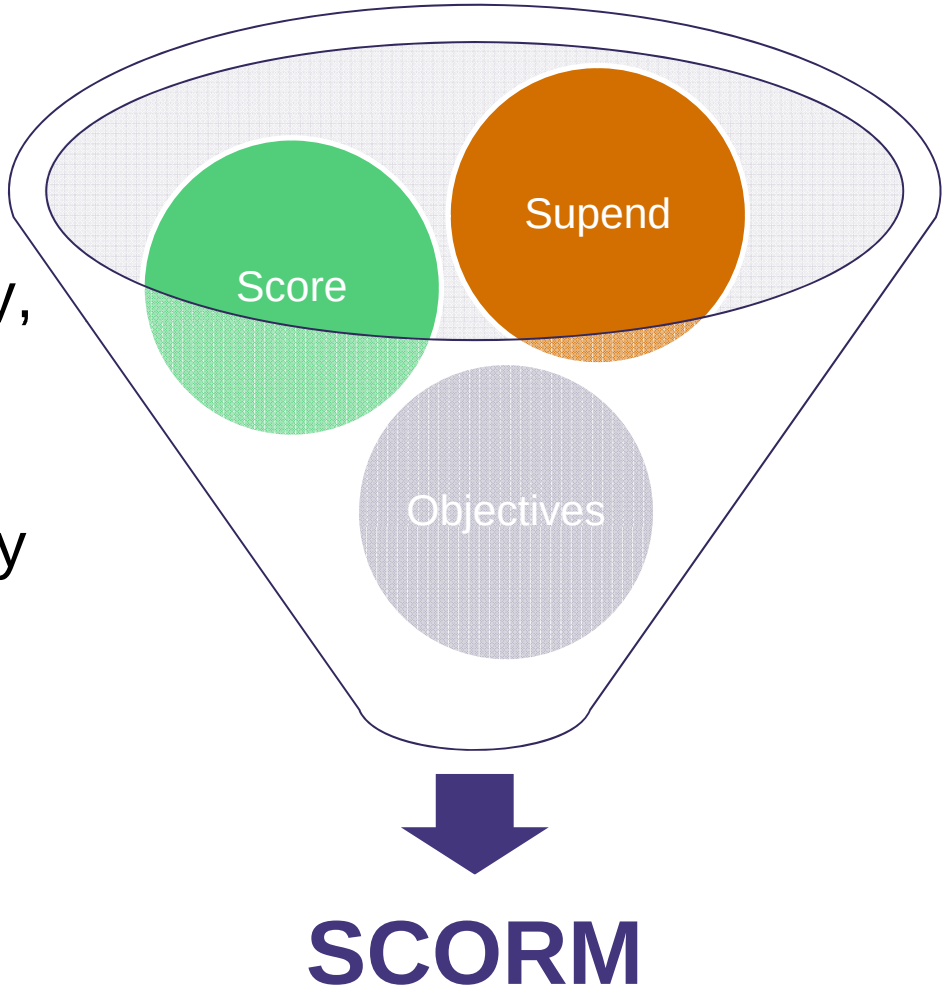
SCORM Data Model

- SCORM has great ideals, but a huge overhead
- It's supposed to play nicely, but doesn't always
- SCORM has a huge data model, most of which many people don't care about.



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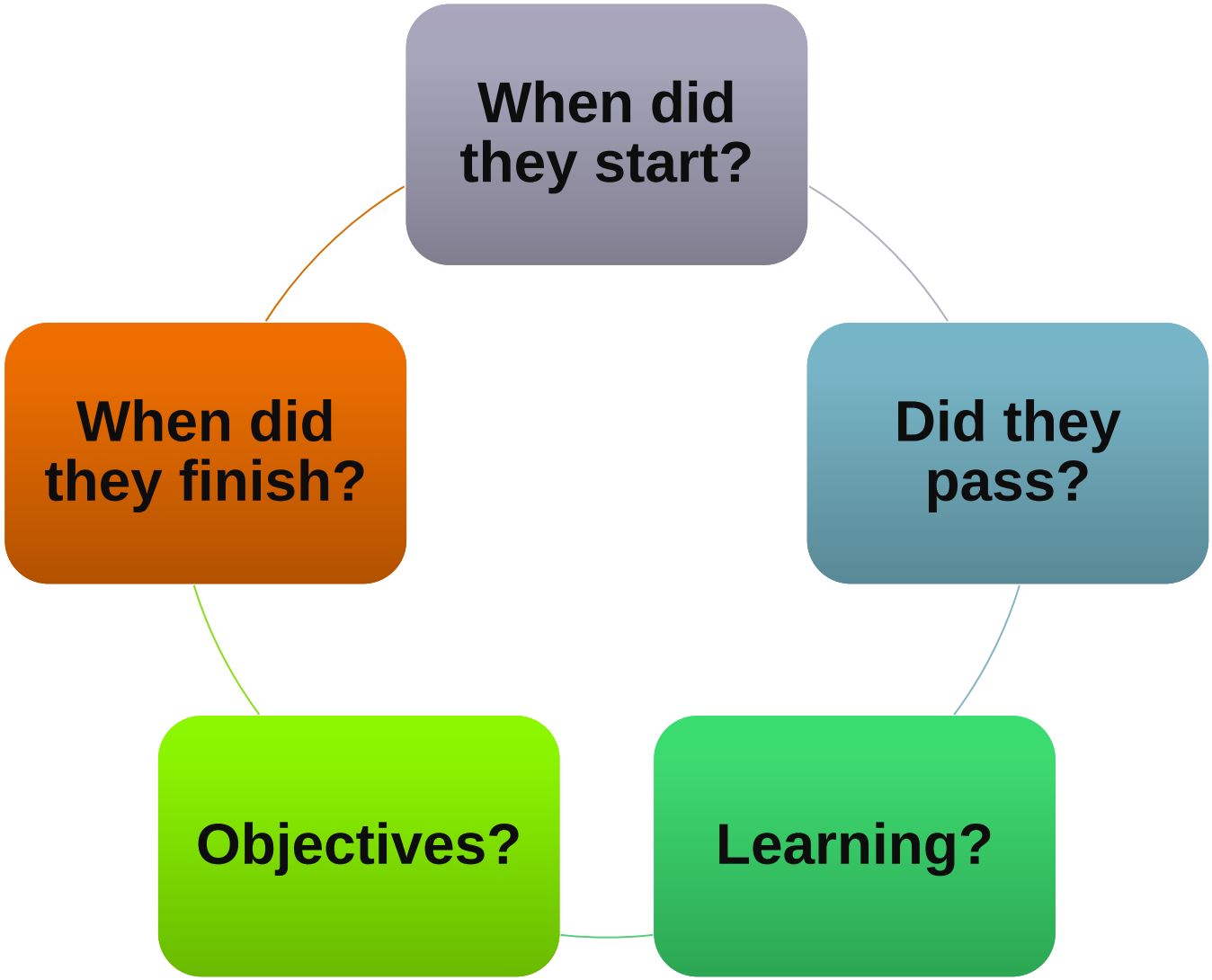
What do you care about?



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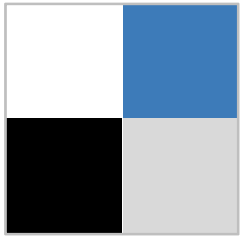
What do you care about?

What do you do with cool or helpful resources you fine online?



delicious

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How do we capture that information?

- We could do research online:
  - *Search social site,*
  - *Follow all our learners*
  - *Try to be their "friend"*
- Why don't we just ***ask*** them?
- And why don't we use what we already have to gather that data:
  - *An established API and toolbox that eLearning developers already know…*

SCORM

What do you want to know?

- Look at social sites
  - *What do they ask?*
- Keep it simple
- Embed it into the resource or page
  - *Make it easy*
- What we ask:

1. Did you find this tutorial helpful? Yes | No
2. Rating: 1 2 3 4 5
3. Would you recommend it to a coworker

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SCORM Data Model

- Find the elements that have value
- Find elements you can repurpose
- Keep it simple
- Look at your data requirements

score.scaled	score.raw	score.min
Values -1.0 to 1.0 -1 = No 0 = Not Rated 1 = Yes	Real numbers Set rating on a scale of 1 – 5	Real numbers 0 = Not rated 1 = Yes 2 = No

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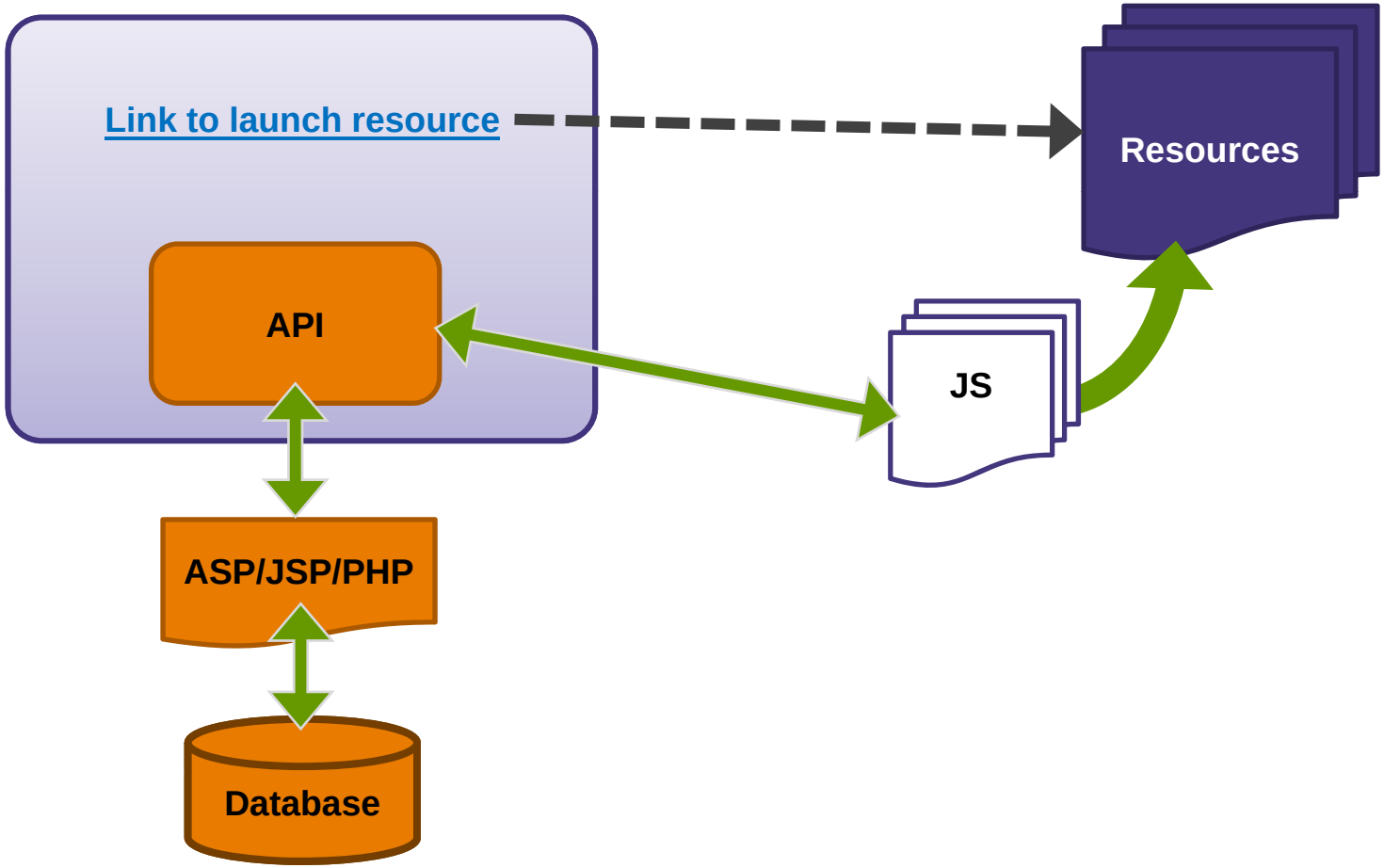
Tracking Environment

Looks a lot like SCORM…



Tracking Individual Responses

- What do you care about?
- Do responses need to be individually unique?
- Can you get a name or ID?
- Recommendations:
  - *Keep it simple*
  - *Use what you have*
  - *Use JavaScript to get IP*

Resource List Page

Create API Instance

JavaScript with methods to save and retrieve data

Create records

JavaScript to Launch

Open new window

Set resource ID

Resource List page

Load the API

- Normal SCORM Initialize

Set and Get Values

- Normal SCORM
- Some custom functions

Terminate

- Normal SCORM exit
- Make sure other resources can launch

Questions???

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