Hydra for Web Annotations

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What is Hydra?

- W3C Community Group for Linked APIs
- REST + Linked Data
- “At the intersection of web schemas and RESTful web applications”
Automated API Provisioning

• Problem: How do I use an API without specifically coding for it?

• Answer: Use vocabulary to define operations on classes and properties

• Proposition: Annotations are the result of operations on entities or the relationships between entities.

• Those results are also entities, which may be operated upon.
Use Case: Q/A

• Given profile page for a Sports Personality, how can I interact with that entity?
  • follow
  • (dis)like
  • share
  • question
  • suggest relation
Links and Operations

• Define operations on entities, types of entities, or their properties.

• When does a property link to an entity?

• How do you use pagination to reference and collect linked entities?

• What operations can I perform on an entity, or property of that entity?

• Where does authentication/authorization intersect with generic API interactions?
More Information

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