



Wikidata Schema Validation Output Improvements

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This session is recorded: Please mute your
microphone and camera when you're not speaking.

Background

- Bachelor Data Science
- Master DS & AI
- Thesis on improving online ShEx validator
- Supervisors:
 - George Fletcher
 - Kat Thornton



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Online Shex Validator

- Adjusting data to Schema
- Needs to be easy to use

Output Design

Non-conformances look bad

Xwd:Q312@!START

```
validating http://www.wikidata.org/entity/Q312 as //www.wikidata.org/wiki/Special:EntitySchemaText/wikidata-organization:
```

```
  validating http://www.wikidata.org/entity/statement/q312-03131537-8EA9-4A83-B2C3-F31CF93AB87A:
```

```
    validating http://www.wikidata.org/reference/fa278ebfc458360e5aed63d5058cca83c46134f1:
```

```
      Missing property: http://www.wikidata.org/prop/reference/P813
```

```
    AND
```

```
      Missing property: http://www.wikidata.org/prop/reference/P854
```

```
      Missing property: http://www.wikidata.org/prop/reference/P248
```

```
OR
```

```
validating http://www.wikidata.org/entity/statement/Q312-05758B11-671F-4775-8A4F-8D73A5D3885E:
```

```
  Missing property: http://www.w3.org/ns/prov#wasDerivedFrom
```

```
OR
```

```
validating http://www.wikidata.org/entity/statement/Q312-06a0b935-4ccd-eeeb-b50f-6501e4ba0659:
```

```
  Missing property: http://www.w3.org/ns/prov#wasDerivedFrom
```

```
OR
```

```
validating http://www.wikidata.org/entity/statement/Q312-06b6027f-4878-a163-9467-33a50462e5ab:
```

```
  Missing property: http://www.w3.org/ns/prov#wasDerivedFrom
```

```
OR
```

```
validating http://www.wikidata.org/entity/statement/Q312-097bd741-4028-2248-ec66-62e015bbf834:
```

```
  Missing property: http://www.w3.org/ns/prov#wasDerivedFrom
```

```
OR
```

```
validating http://www.wikidata.org/entity/statement/Q312-0e8ee1f9-4c6a-2472-1f74-360953d84855:
```

```
  Missing property: http://www.w3.org/ns/prov#wasDerivedFrom
```

Your Input

- Interviews
- Broad Input Desired
- Sign up on my user talk page
- `User_talk:M.alten.tue`



Thanks for your attention!

Get in touch with us:

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