

# Open Data Definition

Introducing ODD

# What is ODD?

- Draft XML Data portability format for social networks
- Designed to be simple & flexible
- Consists of the XML framework + an extension format defining keywords

# Why ODD?

- Data silos no longer cut the mustard
- I want to log into Casebook, but have my Peebo friends magically appear on the same page
- I want to move my account about
- No other data portability format suitable!

# ODD Construction

- Looked at data – reduced to the basics!
- Made up of atomic entities with minimal nesting
  - Entities - “Things”
  - Metadata – About “Things”
  - Relationships – How “Things” relate to “Other Things”

# Example

```
<odd version="1.0" generated="Sun, 20 Apr 2008 21:09:15 +0100"  
xmlns:social="http://www.opendd.net/social">
```

```
  <social:entity uuid="http://foo.com/export/34/" class="user" subclass="premium" />
```

```
  <social:metadata entity_uuid="http://foo.com/export/34/"  
  uuid="http://foo.com/export/34/metadata/45" name="age">24</social:metadata>
```

```
  <social:metadata entity_uuid="http://foo.com/export/34/"  
  uuid="http://foo.com/export/34/metadata/49" name="location">Oxford,  
  UK</social:metadata>
```

```
  <social:relationship uuid_one="http://foo.com/export/34" verb="friends"  
  uuid_two="http://foo.com/export/656" />
```

```
  <social:relationship uuid_one="http://foo.com/export/34" verb="friends"  
  uuid_two="http://example.com/export/656" />
```

```
</odd>
```

# The UUID

- Is a URL
- Must point to an ODD representation of the entity
- Permits totally distributed networks

# The Big Picture

- Format supports import/export, syndication and live streaming
- Allows you to easily develop full import and export tools that support the format, regardless of how the data on your system is stored.
- Can be used for more than just social networks

# Get Involved!



WWW: <http://www.opendd.net>

Email: [marcus@elgg.com](mailto:marcus@elgg.com)