



Open Data Certificates

Training Discovery Day · Jeni Tennison

Introductions

- Your name
- Where you've come from
- Role
- Your aims for the session



Agenda

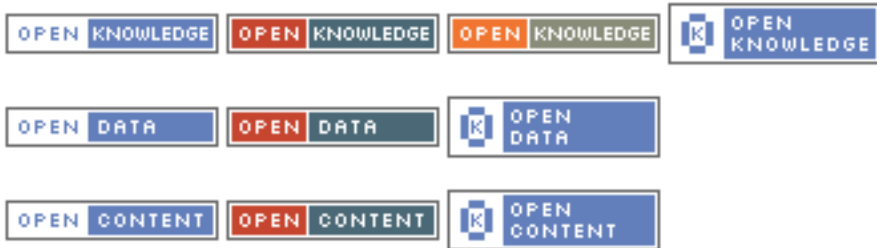
1. Open Data Marks
2. Open Data Certificate
 - Goals
 - Levels
 - Questions
 - Website
3. Try it Out
4. Future Plans



OPEN DATA MARKS

Open Data Mark

Indicates compliance with Open Definition
open licence, access, open format



1.1 Open License

The **work** *must* be available under an open **license** (as defined in Section 2). Any additional terms accompanying the work (such as a terms of use, or patents held by the licensor) *must not* contradict the terms of the license.

1.2 Access

The **work** shall be available as a whole and at no more than a reasonable one-time reproduction cost, preferably downloadable via the Internet without charge. Any additional information necessary for license compliance (such as names of contributors required for compliance with attribution requirements) *must* also accompany the work.

1.3 Open Format

The **work** *must* be provided in a convenient and modifiable form such that there are no unnecessary technological obstacles to the performance of the licensed rights. Specifically, data should be machine-readable, available in bulk, and provided in an open format (i.e., a format with a freely available published specification which places no restrictions, monetary or otherwise, upon its use) or, at the very least, can be processed with at least one free/libre/open-source software tool.

Five-Star Rating

★ make your stuff available on the Web (whatever format) under an open license¹

★★ make it available as structured data (e.g., Excel instead of image scan of a table)²

★★★ use non-proprietary formats (e.g., CSV instead of Excel)³

★★★★ use URIs to denote things, so that people can point at your stuff⁴

★★★★★ link your data to other data to provide context⁵

OPEN DATA CERTIFICATE

Goals for Reusers

What matters to reusers?

Want to easily find open data

Then they want to know:

- what they can legally do

- whether they can rely on the data

- what the data means

And be able to get some support



Goals for Publishers

What would help publishers do better?

Avoid just more documentation

Interactive tool

- questionnaire / checklist

- badge indicating success

- pointers for next steps



Goals for Policy Makers

How do you set the bar?


Shorthand set of requirements

- use in policy documents

- use in contracts

Measurement framework

- quality as well as quantity



Certify your open data

Show that it's easy to
find, use and share

Create a certificate

Browse all certificates

open data certificate™ BETA

Search certificates

Go

Register

Sign in

Create new certificate

Browse all certificates

Discussion

How it works

1

2

3

Open Data Certificate

Quality badge & measure for data

Guide for improving that quality

Questions about four aspects

- legal (rights, licensing, privacy)

- practical (guarantees, quality)

- technical (formats, metadata)

- social (documentation, support)



Legal

What can I legally do with the data?

Clear, simple, unrestricted licences

No contaminating closed data

extract out derived & copied data

No data protection concerns

consent for re-use



Practical

How much can I rely on it?

Find the data easily on your website

Up to date data

Accessible in bulk

Documented quality

Guarantees about availability

uptime and longevity



Technical

Can I process the data?

Published on the web

scriptable locations

In a suitable format

Using open standards

Including URLs to identify things



Social

What does the data mean?

Publish metadata

Provide documentation

formats and internal codes

Provide feedback loops

Proactively engage developers





Pilot level

self certified

GB beta

Embed this
on your site

This data has achieved [Pilot level](#) on 07 October 2013 which means extra effort went in to support and encourage feedback from people who use this open data.

OS Locator

Summary

Type of release

ongoing release of a series of related datasets

Data Licence

Not Applicable

Content Licence

UK Open Government Licence 1.0 (OGL)

Verification

self certified

General Information

This data is described at

<http://www.ordnancesurvey.co.uk/b...>

This data is published by

Ordnance Survey

The data is published on

<https://www.ordnancesurvey.co.uk/o...>

Legal Information

This data was

originally created or generated by its curator

Copyright and database rights are described at

<https://www.ordnancesurvey.co.uk/o...>



Expert – information infrastructure




Standard – routine publication



Pilot – trials supporting feedback



Raw – great start at the basics



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How it works

1

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TRY IT OUT

Try it out

1. Find a dataset to certify
2. Go to <https://certificates.theodi.org/>
3. Create a new certificate
4. Look at the suggested improvements
5. Browse other certificates
6. Verify other certificates



FUTURE PLANS

Future Plans

Integration with open data registries

CKAN, Socrata, OpenDataSoft

Automatic generation of certificates

Localisation for other countries

USA, Italy, Mexico

Use in policy making & monitoring

Business model development



Feedback

Please complete our form:

<http://bit.ly/odifeedback>



Thank you!

Further reading and links –

<https://certificate.theodi.org>

The slides will be made available
online after the course

