Metadata & Search Presentations

Senior Interoperability Advisor, Colette Coles

Metadata Workshop, Northern Ireland e-GU, Belfast 2003-12-15

Metadata: Main concepts, terminology and standards, CSL, London 2004-09-28

Workshop of Standardization and cooperation issues for government information Programmes, Zaragoza, Spain, 2004-09-03

Moving on with Marc: e-GMS, Government Library Group, London, 2004-06-23

Uses of identifiers: Government perspectives, International DOI Foundation, London, 2004-06-22

Regional Seminar on Interoperability, WMPHO, Birmingham, 2004-06-16

Interoperability and Metadata, Internal Auditors, London, 2004-03-24

Effective taxonomies:

Complying with the eGMS

Colette Coles, Cabinet Office

Content Management for the Public Sector

23 November 2004

eGovernment Unit - key priorities

Work with departments to deliver efficiency savings while improving delivery of public services by joining up electronic government services around needs of customers.

- ICT strategy
- Architecture
- Innovation
- IT Finance and IT HR
- Research
- Supplier management

eGIF key priorities

1. Interconnection

2. Data integration

3. Content management **metadata**

4. e-services access and channels

5. Business domains

eGIF headline decisions

1. Adopts Internet and WWW standards for all public sector systems

2. Adopts XML as the key standard for data interchange

3. Makes the browser the key interface for access and manipulation of all information

4. Assigns metadata to government information

5. Adopts open, international standards that are well supported by the market

6. Internet-based implementation strategy through GovTalk

Why use metadata?

Some benefits include:

1. Helps people find information

2. Helps identify content

3. Matches user and content

4. Exploits govt information

Types of metadata

- Content
    Title, description, subject, coverage

- Intellectual property
    Contributor, creator, publisher, rights

- Instantiation/version
    Date, format, identifier, language

eGovernment Metadata Standard

1. Mandatory elements

2. Recommended or optional elements

3. Encoding schemes

Mandatory elements

Creator	All
Date	All
Subject.category	All
Title	All
Accessibility	For websites
Identifier	For websites
Publisher	For websites

eGovernment Metadata Standard

Coverage	All
Language	All

Optional elements

Audience	All
Contributor	All
Description	All
Disposal	All
Format	All
Relation	All
Rights	All
Source	All
Status	All
Type	All

Optional – records management elements

Addressee	RM
Aggregation	RM
Digital signature	RM
Location	RM
Mandate	RM
Preservation	RM

eGMS taxonomies

1. Audience

   - eGMS Audience Encoding Scheme (eGMSAES) DRAFT

   - indicates the people or groups the content is aimed at

2. Subject.category

   - Government Category List (GCL)

   - structured list of categories

3. Type

   - eGMS Type Encoding Scheme (eGMSTES)

   - list of document and other types, for use by the UK public sector

eGMS Audience Encoding Scheme

Carers	Non UK residents
Children	Older people
Disabled people	Parents
Employees	Professionals
Employers	Businesses
Ethnic minorities	Students
Gay and lesbian	Voluntary sector
Jobseekers	Women
Low income households	Young people
Men	

GCL – 12 top level headings

Agriculture, environment and natural resources	Government, politics and public administration
Arts, recreation and travel	Health, nutrition and care
Business and industry	Information and communication
Crime, law, justice and rights	International affairs and defence
Economics and finance	People, communities and living
Education, careers and employment	Science, technology and innovation

eGMS Type Encoding Scheme

Publications/correspondence
Financial/purchasing
Graphical/non-text
Legislation/parliamentary/ local government
News/Meetings/conferences
Personnel/Organisational
Web guidance

Other encoding schemes

Government Data Standard Catalogue (GDSC)

- Contributor

- Creator

- Publisher

- Subject.person

Lots more in eGMS…

Implementing the eGMS

Identify

- Which resources need metadata

- Which elements (inc mandatory ones) to use

- Which encoding schemes you'll need

    - existing ones

    - new ones

- Guidance and training

Think of the whole metadata record and what it is for

Your own taxonomy

1. Type of taxonomy

2. What is it for

3. Who are users

4. Consultation

5. Maintenance

6. Governance

A taxonomy is for life, not just

for Christmas

References

- eGMS http://www.govtalk.gov.uk/schemasstandards/metadata.asp

- GCL http://www.govtalk.gov.uk/schemasstandards/gcl.asp

- eGMS Audience Encoding Scheme

  http://www.govtalk.gov.uk/schemasstandards/metadata_document.asp?docnum=680

- eGMS Type Encoding Scheme

  http://www.govtalk.gov.uk/schemasstandards/metadata_document.asp?docnum=679

- GDSC http://www.govtalk.gov.uk/gdsc/html/default.htm

Thank you

Questions?

For more information contact:

colette.coles@cabinet-office.gsi.gov.uk

www.govtalk.gov.uk

Metadata:

Main concepts, terminology and standards

Circle of State Librarians, 28 September 2004

Colette Coles, e-Government Unit

Outline

- Explore metadata…

- Why use metadata

- eGMS overview

- Implementing the eGMS

What is metadata?

- Data about data

- Structured information about a resource

- Sound familiar?

Metadata is all around…

HertsDirect | Reservations

online
LIBRARY SERVICES

● HELP

● CATALOGUE
● SELF SERVICE

: *Catalogue : Search*

● *Type the title, word or name you want, then choose an index to look in.*

To search for a person's name, type the surname, followed by a comma and the first initial, e.g., **Cookson, C** *or* **Beatles**

Ignore 'The' 'A' 'An' at the beginning of titles and organisations, e.g., **English patient**

To continue, click SEARCH.

| Search term | Green |
| Index | Title - All titles |

Title - All titles
Title - Books
Title - Music scores
Title - Music recordings and talking books
Title - Videos, DVDs and other materials
Title - Newspapers and magazines
Title - Playset title
Title - Music set title
Name - All names
Name - Books
Name - Music scores

online
LIBRARY SERVICES

<< BACK

HELP

CATALOGUE

SELF SERVICE

: *Index Headings*

Click on a heading to see a list of its summary titles. Headings with stock in this library are marked with a * symbol.

Fast skip   Library scope   Area scope   System scope   Set Location

Page Up | Name - All names ▼ | | Green | SEARCH >>

Greely, Ronald (1)

GREEN, A. (1)

Green, A. H. (1)

Green, Adolph (3)

Green, Al (3)

Green, Alan (1)

Green, Alan Eden- (1)

Green, Alison (1)

Green, Allison (1)

Green, Amy Boothe (1)

Page Down

CD | Super Audio CD | DVD-Audio

Search

[Music DVD ▼]

[green]

[GO]

Search tips »

Shopping Basket 🛒

Your basket is empty.

Currency:
£ British Pounds

🇪🇺   🇬🇧
▲

Browse

...es
...ssic Artists
...ssical
...untry
...nce
...y Listening
...k
...Hop/Rap
...ie
...ernational/World
...z
...raoke
...tal
...sic Tuition
...o
...nk
...ggae
...ck
...ul/R'n'B
...undtracks

Recently Viewed Items

...sic »
...ter Green - Live!
...ian Green - A Love

Searching for Music DVD titles containing or by 'green'...

Results **1 - 7**

Green Day - International Superhits!
In stock.
Usually dispatched within 24 hours.
our price: **£14.99 Delivered**

[BUY]
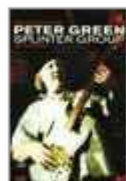
Peter Green - Live!
In stock.
Usually dispatched within 24 hours.
our price: **£9.99 Delivered**
RRP: ~~£15.99~~ You save: **£6.00 (37%)**

[BUY]

Daniel O'Donnell - Shades Of Green
In stock.
Usually dispatched within 24 hours.
our price: **£7.99 Delivered**
RRP: ~~£13.99~~ You save: **£6.00 (42%)**

[BUY]

Al Green - The Gospel According To Al Green
In stock.
Usually dispatched within 24 hours.
our price: **£11.99 Delivered**
RRP: ~~£15.99~~ You save: **£4.00 (25%)**

[BUY]

Green Lights Blue Skies
image coming soon
In stock.
Usually dispatched within 24 hours.
our price: **£6.99 Delivered**
RRP: ~~£13.99~~ You save: **£7.00 (50%)**

[BUY]

Al Green
image coming soon
Due for release on 20/09/2004
our price: **£5.99 Delivered**

[BUY]

---

heather nova
LIVE AT THE UNION CHAPEL

lamb of god

Countdown

4 days

2-PAC LIVE

2-Pac 4-Ever
£11.99 Delivered

Top Sellers

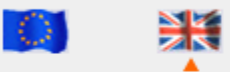1 **Oasis - Definitely Maybe: Special Edition (2 Discs)**

2 **Fleetwood Mac - Live In Boston (2 Discs & CD)**

3 **Led Zeppelin Box Set: Legendary Performances (5.1/DTS)**

4 **The Stone Roses - The Best Of**

5 **Concert For George (Various Artists) (2 Discs)**

6 **Robbie Williams - Live At The Albert Hall**

7 **Elvis - The Ultimate Collection (2 Discs)**

8 **The Beatles: The Magical Mystery**
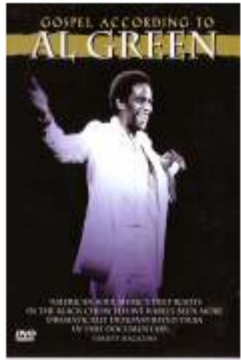
our price: £11.99 Delivered

availability: In stock.
Usually dispatched within 24 hours.
RRP: £15.99 You save: £4.00 (25%)

R2 - Will only play on European Region 2 or multi-region DVD players.

BUY

Special Features

- Complete Al Green discography

Review

This fascinating film by renowned director Robert Mugge captures soul giant Al Green performing live, and discussung his career with insight and honesty.

Filmed in 1984 while at the peak of his talents, the documentary shows the legendary Green switching effortlessly between sexy soul and scorching spirituality.

Tracklisting

People Get Ready

Let's Stay Together

Straighten Out Your Life

Hallelujah (I Just Want To Praise The Lord)

Al Green Sermon, Parts 1 & 2

When The Gates Swing Open

Nearer My God To Thee

Lord Will Make Away

Free At Last

Pass Me Not

Amazing Grace

I Love You

Technical Details

Actors	Al Green
Director	Robert Mugge
Certificate	Exempt from Classification
Languages	English - Dolby Digital (5.1)

Customers who bought Al Green - The Gospel According To Al Green also bought

Classic Albums - Bob Marley - Catch A Fire (Documentary)
Israel Vibration
Marvin Gaye - Live In Montreux
Sam Cooke - Legend
James Brown - Soul Survivor

CD titles by Al Green:

Call Me
Greatest Hits
Hi Masters
Hi Singles A's And B's (2CD)
I Can't Stop
I'm Still In Love With You
Let's Stay Together
Lord Will Make A Way + Higher Plane
LOVE: The Essential Al Green (2CD)
Precious Lord + I'll Rise Again
Shades Of Al Green
Story Of Al Green (2CD)
Supreme Al Green
Trust In God + White Christmas
Unchained Melodies

Argos

home | log in & registration | store locator | trolley | ? customer services

| Homewares | Household Appliances | Sound & Vision | Office, PC & Phones | Photography | Sports & Leisure | DIY, Garden & Pets | Toys & Games | Baby | Personal Care | Jewellery & Watches |

You searched for "**green**"

Here are the 57 items found in the following areas

Homewares (28)   Furniture (19)   Household appliances (5)   Jewellery and watches (2)
Clearance homewares (1)   Personal care (1)   Toys and games (1)

> **Homewares**   28 items   > **see all**

Pair of Mena Ready Made Green Curtains - 2.28 x 2.28m.
126/2050

£**54**.99   see all Homewares   add to trolley

Pair of Mena Ready Made Green Curtains - 1.67 x 2.28m.
126/2043

£**44**.99   see all Homewares   add to trolley

Pair of Mena Ready Made Green Curtains - 1.67 x 1.83cm. £39.99
Pair of Mena Ready Made Green Curtains - 1.67 x 1.37m. £34.99
Pair of Mena Ready Made Green Curtains - 1.16 x 2.28m. £29.99

> **Furniture**   19 items   > **see all**

Sheridan 3 Piece Suite Green.
640/0116

£**699**.95   see all Furniture   add to trolley

Regent Green 3 Piece Suite.
636/0847

£**699**.95   see all Furniture   add to trolley

Regent Green 3 Piece Suite.

636/0847

£**699**.95

- Comprises 3 seater sofa and 2 chairs.
- Barley twist rope arm facings with roll feature around sculptured base.
- Back cushions have split head roll and lumbar support.
- 58% polyester/42% cotton covers.
- Reversible foam filled seat cushions.
- Fixed fibre filled back and arm cushions.
- Size of 3 seater sofa (W)220, (D)97, (H)97cm.
- Size of chair (W)120, (D)97, (H)97cm.
- Suitable for general use.

Sorry, this item cannot be reserved for store pick up
Delivery usually within 28 days.

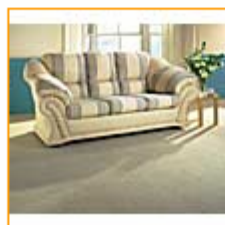add to trolley

Related Items

> Furniture > Sofas and chairs > Armchairs
> Furniture > Sofas and chairs > Sofa suites
> Furniture > Sofas and chairs > Sofas 2-seater
> Furniture > Sofas and chairs > Sofas 3-seater

Regent 3
Piece Suite

Regent 3
Seater Sofa

Regent Green
3 Seater

Regent 2
Seater Sofa

advanced search :: customize preferences :: submit site :: help

green   SEARCH

Results in: ○ Any Language ● English

| Web | News | Pictures | Video | Audio |

1 - 10 of 87,400,000 Results for **green**   Offensive content filter: **On** - Off

Refine your search: (click "+" or "-" to include or exclude terms, and then click the "SEARCH" button)   show more >>>

⊞ ⊟ green **day**   ⊞ ⊟ green **card**   ⊞ ⊟ **bowling** green   ⊞ ⊟ **red** green   ⊞ ⊟ green **party**
⊞ ⊟ green **bay**   ⊞ ⊟ green **tea**   ⊞ ⊟ green **river**   ⊞ ⊟ green **house**   ⊞ ⊟ **leaf** green
⊞ ⊟ green **bay packers** ⊞ ⊟ green **valley**   ⊞ ⊟ green **mountain**   ⊞ ⊟ green **county**   ⊞ ⊟ **blue** green

Sponsor Results   (What's this?)

Make Sure You Get Your Daily Greens - www.1stvitality.co.uk
A quality **green** supplement is a concentrated store of important phytonutrients with the minerals, vitamins, fibre, enzymes and antioxidants that are stripped from modern-day food.

Diesel Green - www.escentual.co.uk
Buy Diesel **Green** at Escentual.co.uk. Free gift wrapping and free UK delivery. Find your fragrances, skin care and cosmetics online.

Web Results   (What's this?)

Green Party of the United States
Official homepage of the **Green** Party and the **Green** National Committee ... **Green** Events. 2004 **Green** National Convention. National Convention Demonstrations ... Order **Green** Pages. Join the **Green** Wave. Help elect **Green** Candidates ...
more hits from: http://www.gp-us.org/ - 54 KB

Green
Biography of George **Green** (1793-1841) ... George **Green's** father, also called George **Green**, was a baker in Nottingham ...
more hits from: http://www-groups.dcs.st-and.ac.uk/~history/Mathematicians/Green.html - 24 KB

The Greens/Green Party USA
Home Page of the Greens/**Green** Party USA ... Donate. Endorsements. GPUSA Platform. **Green** Program. History/Intro. Home ... you like what you read, you can get two other **Green** friends and form a **Green** Party USA local or caucus ...
more hits from: http://www.greenparty.org/ - 20 KB

GreenDay.net - The Official Fan Site
... Join the **Green** Day Street Team. Join the **Green** Day-Eteam ...
more hits from: http://www.greenday.net/ - 59 KB

Green Day -> Upgrade

GreenDay.net – The Official Fan Site
... Join the **Green** Day Street Team. Join the **Green** Day-Eteam ...
more hits from: http://www.greenday.net/ - 59 KB

Green Day -> Upgrade
The official web site for **Green** Day.
more hits from: http://www.greenday.com/ - 910 B

Green Parties World Wide
... **Green** Parties world wide. Global **Green** Coordination. Global Greens Network ...
more hits from: http://www.greens.org/ - 3 KB

Greenpeace International Homepage
... Athens disqualified from **Green** Olympics. The Greenpeace Jaguars ... Ford crushes 'Clean Cars', ramps up SUVs. X Games go **green**. More news ...
more hits from: http://www.greenpeace.org/ - 35 KB

Green Party – Real Progress
Homepage of the **Green** Party of England and Wales ... **Green** Party chooses university student to take on Charles Clarke at General Election ... Tim
Beaumont ©. The **Green** Party 2004 Code, Design and Photo Credits ...
more hits from: http://www.greenparty.org.uk/ - 22 KB

EUROPA – Official Documents – **Green** papers
This site provides a list of the **Green** Papers published by the European Commission, one of the European Union's Institutions ... This list contains **Green**
Papers published since 1984 ... will provide you with a general outline of the **Green** Paper. Certain documents published before 1993 are, however, not ...
more hits from: http://europa.eu.int/comm/off/green/index_en.htm - 36 KB

Green Map System Home
Green Map System is a global eco-cultural movement, energized by local knowledge, action and responsibility. **Green** Maps are locally created maps that
chart the natural and cultural environment.
more hits from: http://www.greenmap.com/ - 10 KB

News :
Traffic jams are green light for love
- Reuters via Yahoo! News - Found: 5 hours ago. Traffic jams green light for love
- Reuters via Yahoo! News - Found: 9 hours ago.

more news »

Result Page: 1 2 3 4 5 6 7 8 9 10   Next »

Official Documents

Green Papers

ore information on Green and White Papers.

his list contains Green Papers published since 1984. If the full electronic version of the text is unavailable, you may via a link access a ummary of the text or the Bulletin of the European Union. These documents will provide you with a general outline of the Green Paper. Certain ocuments published before 1993 are, however, not available on-line.

ard copy versions of Green Papers that are not available on-line can be obtained through the nearest sales agent of EUR-OP, the Office for fficial Publications of the European Communities. To order, please use the reference eg: COM(98) 596 (where 98=year and 596=publication umber). Documents that were published before the accession of a specific country may not be available in that country's language. If a title is ot available in a particular language, it is given here in English.

onsult by year of publication
004, 2003, 2002, 2001, 2000, 1999, 1998, 1997, 1996, 1995, 1994, 1993, 1992, 1991, 1990, before 1990

2004

- **Green Paper - Maintenance obligations** [265KB]
  COM(2004) 254, April 2004
- **Green Paper on public-private partnerships and Community law on public contracts and concessions** [216KB]
  COM(2004) 327
- **Green paper on the approximation, mutual recognition and enforcement of criminal sanctions in the European Union** [522KB]
  COM(2004) 334, April 2004

2003

- **Green Paper: On the future of rules of origin in preferential trade arrangements** [395KB]
  COM(2003) 787, December 2003
- **Green Paper on services of general interest** [419KB]
  COM(2003) 270, May 2003
- **Green Paper on the conversion of the Rome Convention of 1980 on the law applicable to contractual obligations into a Community instrument and its modernization** [328KB]
  COM(2003) 75, February 2003
- **Green Paper on the conversion of the Rome Convention of 1980 on the law applicable to contractual obligations into a**

```
DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
ml lang="en">
ad>

- META DATA SECTION : Title, keywords and description in the document language -->
ta http-equiv="Content-Type" content="text/html; charset=utf-8">

ta name="Reference" content="COMM/OFF/GREEN/HP/EN">

ta name="Title" content="Official Documents - Green papers">

ta name="Creator" content="COMM/PRESSB2/A">

ta name="Language" content="en">

ta name="Type" content="57">

ta name="Classification" content="16">

ta name="Keywords" content="official documents,green papers, european commission, institutions, european union, eu">
ta name="Description" content="This site provides a list of the Green Papers published by the European Commission, one o
 European Union's Institutions">

- END OF META DATA SECTION -->
```

Conclusions from examples using term "green"

- Term "green" can mean different things – colour, name, publication

- Different methods of treating a term – free text, fields, relationships

- Different types of information – structured and unstructured

So why use metadata?

- Resource description – says what it is

- Resource discovery – enables users to find it

- Content management – enables publication controls

- Structure for containing information about resources

- Provide authentication and quality assurance

Why not use Google?

- Search engine marketplace
    - Commercially orientated
    - Search engine optimisation

- Lack of authentication and quality control

- Search engines need to be configured to use metadata

eGovernment Metadata Standard to the rescue…

The eGMS is…

- Dublin Core elements and refinements

- Additional elements for
    - Improved retrieval
    - Records management
    - Data security
    - Legal requirements; data protection, information access, audit trails…

eGMS drivers

- e-Government

- Electronic records management systems

- The UK Freedom of Information Act and Data Protection Act

- The continuing need to improve efficiency

Applications

- Websites & intranets

- Descriptive metadata to aid discovery

- Records management / Content Management Systems

- Administrative metadata to track and manage data

- Archives

- Preservation metadata to track resources over time

Types of metadata

- Content:

    Title, Description, Subject, Coverage, etc…

- Intellectual property:

    Contributor, Creator, Publisher, Rights

- Instantiation/version:

    Date, Format, Identifier, Language

Definitions

- Element:

    Properties, attributes, characteristics

- Refinements:

    Narrower or more specific meaning to an element

- Encoding schemes:

    Information to help interpret value of a term

Metadata tag example

<meta name="**eGMS.subject**.**category**" Scheme="**GCL**" Content="**e-government**">

Element	Refinement	Scheme	Value

Mandatory elements

Creator	All
Date	All
Subject.category	All
Title	All
Accessibility	For websites
Identifier	For websites
Publisher	For websites

Recommended elements

Coverage	All
Language	All

Optional elements

Audience	All
Contributor	All
Description	All
Disposal	All
Format	All
Relation	All
Rights	All
Source	All
Status	All
Type	All

Optional – records management elements

Addressee	RM
Aggregation	RM
Digital signature	RM
Location	RM
Mandate	RM
Preservation	RM

The Government Category List

- List of broad subject headings to aid cross-governmental browsing

- Helps citizens find information easily

- Provides consistency across public sector

The GCL features

- Polyhierachical

- Use categories
    Broad class or subject

- Not to be confused with keywords
    Term used for indexing from a controlled list

Implementing the eGMS

- Creating a local standard and local guidance

- Automation of tagging

- Maintenance

- Quality control

Creating a local standard

- Based on eGMS and knowledge of information resources and user needs and practical consideration

- Input method

- Search facility

- Some local standards are already available

- Don't forget staff training

Role of librarians

- Information skills to all aspects

- Liaison with IT people

- Familiarity with IT systems

- User focus
    - Don't know what they want
    - Don't know how to ask for it
    - Don't know how to search for it
    - Don't recognise it when they see it

Information skills needed

- Cataloguing
  - Which elements / fields / subfields

  - How to populate them – encoding schemes, controlled lists

  - How to exploit it

  - Need for user focus, not meta-tagger focus

Who and where?

- Internet teams

- Intranet teams

- Records management

- Document management

- Information policy

Information and advice

- GovTalk site www.govtalk.gov.uk

- GovTalk email govtalk@cabinet-office.gsi.gov.uk

- Metadata documents
  www.govtalk.gov.uk/schemasstandards/metadata.asp

- Guidance on the use of metadata in e-Government
  www.cenorm.be/cenorm/businessdomains/businessdomains/i
  sss/cwa/meta-data+dc.asp

Thank you

Any questions?

Colette Coles, e-Goverment Unit

colette.coles@cabinet-office.gsi.gov.uk

Vocabulary Merger Project:

A tale of 3 taxonomies

Coles Coles

UK Cabinet Office, eGovernment Unit

Zaragoza, 3 Sept 2004
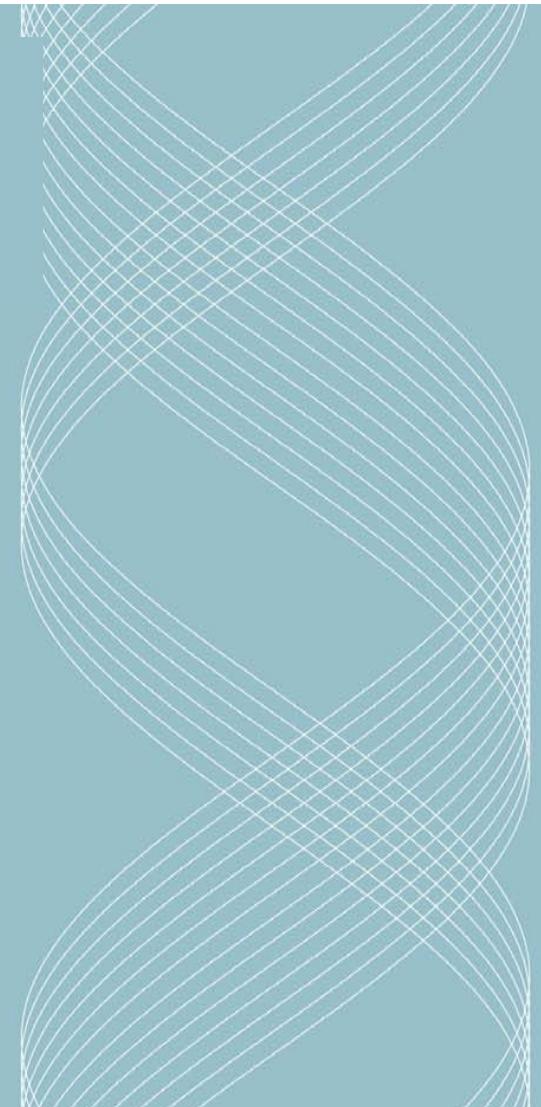
Once upon a time

Citizen need to access essential public sector information

- 3 different government taxonomies evolved

- Conflict between administrative domains

- Multiple lists:

  - ❖ Maintenance

  - ❖ Mapping

  - ❖ Guidance

The 3 taxonomies

- Government Category List:

  http://www.govtalk.gov.uk/schemasstandards/gcl.asp

- SeamlessUK:

  http://www.seamlessuk.info/

- Local Government Category List:

  http://www.esd.org.uk/standards/lgcl/

Government Category List

- UK Cabinet Office

- eGMS.subject.category

- Main features:

  - ❖ 12 top terms

  - ❖ 420 preferred terms

  - ❖ 1393 non-preferred terms

The GCL is updated twice a year and it may be downloaded in several different formats from the Documents page.

The online version beginning on this page is:

GCL Version 2.1, July 2004

Index

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Search the GCL

Agriculture, environment and natural resources
Arts, recreation and travel
Business and industry
Crime, law, justice and rights
Economics and finance
Education, careers and employment
Government, politics and public administration
Health, nutrition and care
Information and communication
International affairs and defence
People, communities and living
Science, technology and innovation

GCL
GCL Docume
GCL Help
GCL FAQ
e-Services Fra
RFP Form
Help
FAQ

W3C XHTML 1.0

W3C WAI- WCAG 1.

SeamlessUK

- Local, regional & national partnership
- Integrates local & national information for one-stop citizen gateway
- Main features:
  - ❖ 15 top terms
  - ❖ 2500 preferred terms
  - ❖ 700 non-preferred terms

Search term suggestions

- Click any of the terms below to discover further sub topics
- Add any term you like to your search box on the main page by clicking < add to search

You are here > Subject

Subject

More specific topics:

ARTS, CRAFTS, MEDIA < add to search

  Arts , Crafts , Media

BELIEFS and FAITHS < add to search

  Beliefs , Faiths , Places of Worship , …

BUSINESS and EMPLOYMENT < add to search

  Business , Employment

CHILDREN and FAMILIES < add to search

  Children , Families , Young People

DISABILITY < add to search

  Access for Disabled People , Disabled People , Equipment for Disabled People

EDUCATION, CAREERS and TRAINING < add to search

  Courses by Outcome , People in Education , Styles of Study , …

ENVIRONMENT and TRANSPORT < add to search

  Agriculture , Civic Societies , Conservation , …

ETHNIC ORIGIN and LANGUAGE < add to search

  Ethnic Origin , Language

GOVERNMENT and POLITICS < add to search

  Government , Politics , Public Services

HEALTH < add to search

  Health Services and Specialisms , Medical and Psychiatric Treatments , Addiction , …

LAW < add to search

  Administration of Justice , Civil Rights Law , Criminal Law , …

LEISURE < add to search

  Entertainment , Hobbies , Places to Visit , …

SCIENCE and TECHNOLOGY < add to search

  Sciences , Technology

SOCIAL ISSUES, ADVICE and SUPPORT < add to search

  Support Groups and Services , Advice Services , Campaigning , …

SPORT < add to search

  Sports Facilities , Abseiling , American Football , …

Can't see the topic you want? Try searching for it…

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Send comments or questions to us , Text-only home page

Local Government Category List

- LAWs National Project (ODPM)

- Mandatory for local authorities

- Main features

  - ❖ 13 top terms

  - ❖ 1397 preferred terms

  - ❖ 2227 non-preferred terms

Local Government Category List

Business
Community and living
Council, government and democracy
Education and learning
Environment
Health and social care
Housing
Jobs and careers
Legal services
Leisure and culture
Policing and public safety
Social issues
Transport and streets

Examples of terms

GCL	Seamless	LGCL
Health, nutrition and care	Disability	Health and social care
Disabled people	Disabled People	Health and medical care
Care for disabled people	Sensory Disabled people	Disabilities
	Visually Impaired people	Physical disabilities
	Blind People	Visual impairment
	Partially Sighted People	

Vocabulary Merger Project

Key aims

- Long term maintenance and availability for public sector use

- Ease implementation by having one product

- Improve interoperability of public sector information systems

- Sharing of software products and experience

The plan

- Scoping study

- Specification for data structure

- Selection of software to build & maintain merged list

- Arrangements for finance, management & governance

Scoping study

- Consult with lists users

- Key features of 3 existing vocabularies

- Current finance, management & governance arrangements

- Recommendations on merger

Specifications

- Master database for the merged vocabulary

  - ❖ Multiple output formats

  - ❖ Sub sets

- ISO 2788 (BS 5723) compliant

- Support subject element in metadata standards

- Use outputs for categorisation and/or searching

- Meet needs of 3 stakeholder groups

Ensuring success of project

- Working together
    - ❖ Agreement
    - ❖ Co-operation
    - ❖ Procedures

- Aware of politics involved

- Focus on the Why

Main risks

- Not possible to merge 3 lists

- Funding not available

- Users don't like it

Lessons learnt

- Don't have multiple lists

- Consult widely

- Future proofing

Thank you

- Any questions?

- More information contact:

  colette.coles@cabinet-office.gsi.gov.uk

  www.govtalk.gov.uk

- Presentation available from:

  http://www.cenorm.be/cenorm/businessdomains/businessdomains/isss/activity/25coles.pdf

Moving on with Marc: e-GMS

Government Libraries Group, 23 June 2004
Colette Coles, e-Government Unit

What is metadata?

- Data about data

- Structured information about a resource

- Sound familiar?

Why is metadata important?

- Information is the fuel for the new economy

- Information is a key asset for government – this has been under recognised and under exploited

- Getting to the right info – fast - holds the key to efficiency and effectiveness in government as well as serving the citizen

Metadata examples

Web   **Images**   **Groups**   **News**   **more »**

Google

improving people's health | Search | Advanced Search
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... Choosing **Health**? A consultation on **improving people's health**. Launch
date: 03/03/2004. Closing date: 28/06/2004. Gateway Reference - 2840. ...
www.dh.gov.uk/Consultations/LiveConsultations/LiveConsultationsArticle/ fs/en?CONTENT_ID=4075183&chk=GKcIC - 26k - 7 Jun 2004 - Cached - Similar pages

Chief Medical Officer
... Building a safer NHS for patients: **Improving** Medication Safety. ... Progress Report (external
link). Latest report: **Health** Inequalities (external link). Annual Report. ...
www.dh.gov.uk/AboutUs/HeadsOfProfession/ ChiefMedicalOfficer/fs/en - 27k - 7 Jun 2004 - Cached - Similar pages
[More results from www.dh.gov.uk]

HDA: Improving people's health
... supporting the delivery **health** improvement developing through public **health** workforce
planning ... methods are also applied within settings with young **people** and in ...
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[PDF] Choosing Health? A consultation on improving people's health
File Format: PDF/Adobe Acrobat - View as HTML
... A consultation on **improving people's health** Launch date: 03/03/2004 Closing date:
28/05/2004 Gateway Reference - 2840 This document seeks views on the role ...
www.hpa.org.uk/hpa/board_meetings/docs_2004/ 040311/consultation_**health**.pdf - Similar pages

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< Live consultations

Choosing Health? A consultation on improving people's health

Launch date: 03/03/2004
Closing date: 28/06/2004

Gateway Reference - 2840

This document seeks views on the role that individuals, the government – both central and local – the NHS, the public sector more broadly, the voluntary sector and industry, the media and others can play in improving people's health.

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Government clearly has an important role in this, but is by no means the only player. That is why we want to hear from as many people as possible during the course of the

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Web   Results **1 - 10** of about **39,800** from **gov.uk** for **allintitle: untitled**. (0.35 sec

Untitled

The abandoned church just outside the village of Oddington. Today we went to Oddington
church. Inside the church is a wall painting **...**
www.schools.bedfordshire.gov.uk/schools/ gilbert/nsmhistory/oddington.htm - 5k - Cached -
Similar pages

Untitled Document

The Radiocommunications Agency ceased to exist on 29 December 2003 and its duties were
assumed by Ofcom, the Office of Communications. **...**
www.radio.gov.uk/ - 3k - Cached - Similar pages

Untitled

INSET Dates. Select the school below to access their INSET Dates. INSET Dates. Abbey
Farm Junior School, Thetford.
www.esinet.norfolk.gov.uk/cadmin/inset/public.asp - 34k - 8 Jun 2004 - Cached -
Similar pages

Untitled Document

ARCHAEOLOGY REVIEW. Welcome to the Archaeology Review Home Page. From here you
can access each annual Archaeology Review, from 1994/5 onwards. **...**
www.eng-h.gov.uk/ArchRev/ - 5k - Cached - Similar pages

Untitled

Chapter 4: The Role of Government. 4.1, In re-enforcing and extending equality of opportunity,
the Government's role is not confined **...**
www.ccruni.gov.uk/equality/docs/pfe98c4.htm - 33k - Cached - Similar pages

Untitled Document

Somerset County Council. Back to the Somerset County Council's Homepage. Overall

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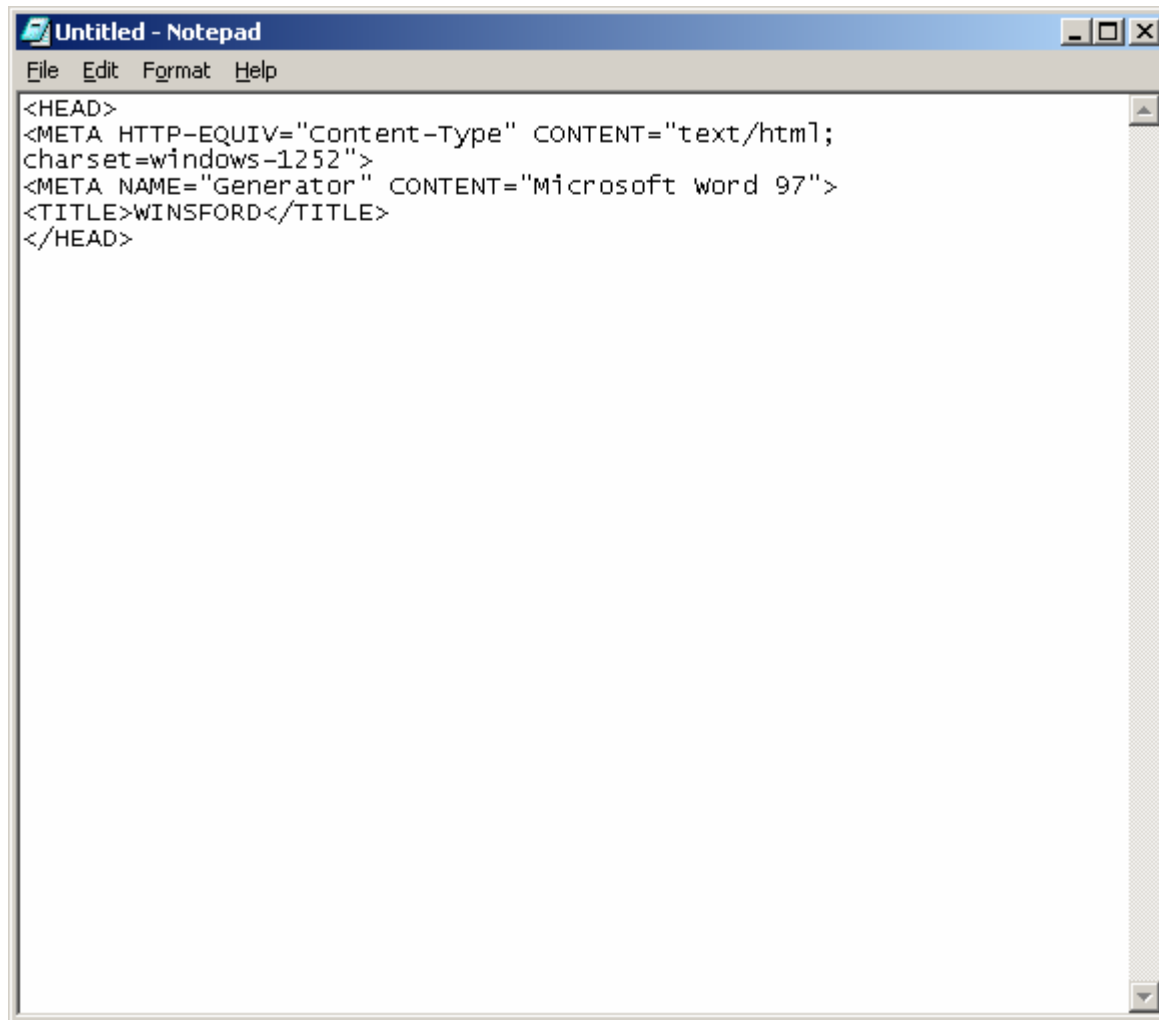
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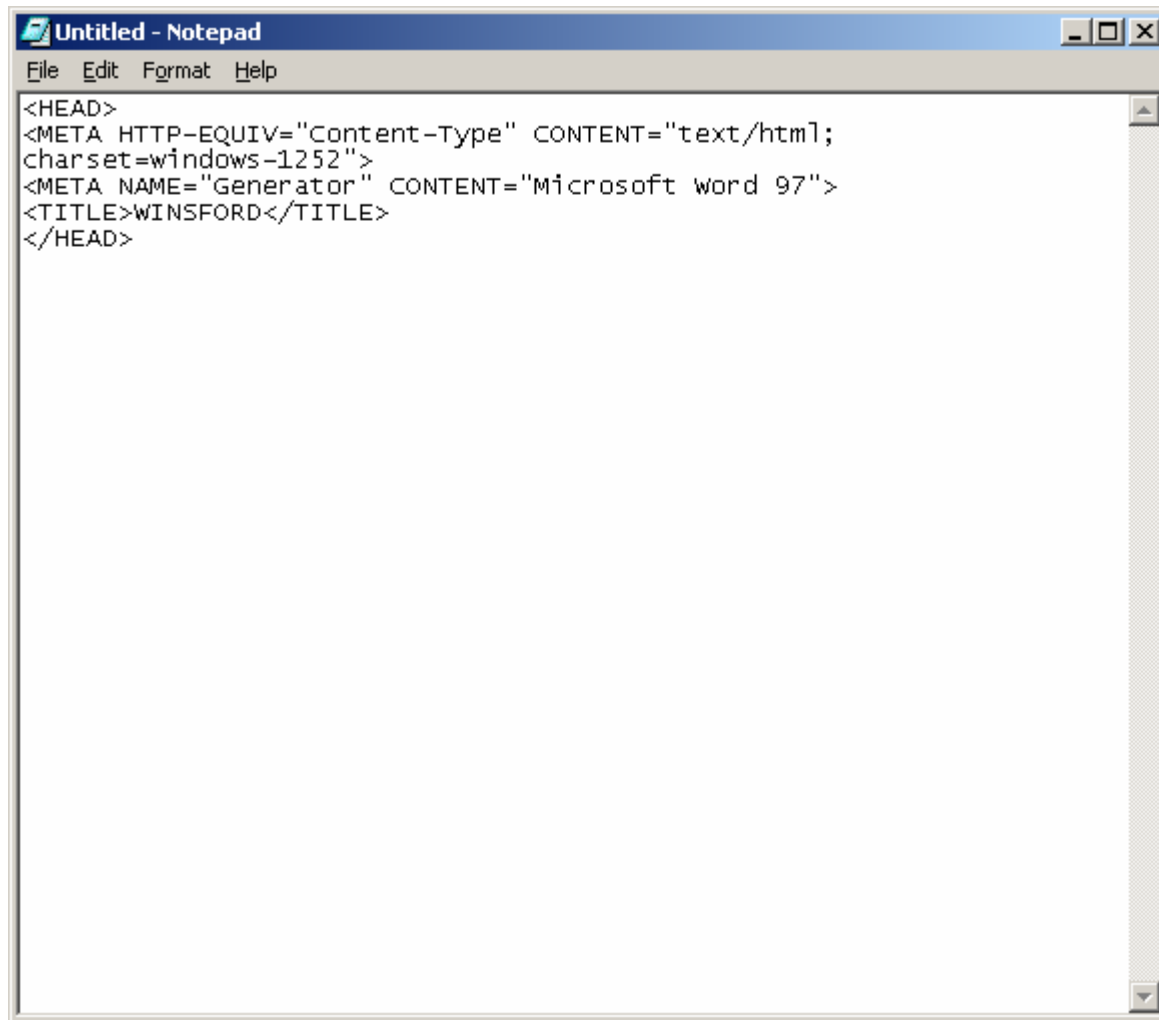
Welcome to Winsford.

winsford
council
calendar
the mayor
members
services
leisure
community
related
health
travel
history
industry
churches
education
souvenirs
shopping
News

QUALITY
PARISH
COUNCIL

Newcastle

Leeds

Liverpool   Manchester

Winsford

Birmingham

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multimap.com

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winsford council

Search   Advanced Search
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Web   Results **1 - 10** of about 7,080 for **winsford** council. (0.20 sec

Vale Royal Borough Council
... Vale Royal Borough **Council**, The Drumber, **Winsford**, Cheshire, CW7 1AH Tel: 01606 862862,
Fax: 01606 862100, Email: webmaster@valeroyal.gov.uk Legal disclaimers. ...
www.valeroyal.gov.uk/ - 27k - 7 Jun 2004 - Cached - Similar pages

Vale Royal Borough Council - Committee Meetings Calendar
... Planning Committee, 20/04/04. 5.00pm. **Council** Chamber, Wyvern House, **Winsford**. ... **Council**,
29/04/04. 6.30pm. **Council** Chamber, Wyvern House, **Winsford**. ...
www.valeroyal.gov.uk/TheCouncil/calendar.cfm - 99k - 7 Jun 2004 - Cached - Similar pages
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A - Z of Cheshire County Council Services - Responsibilities
... Vale Royal Borough **Council**, Wyvern House, The Drumber, **Winsford**, Cheshire CW7
1AH 01606 862862, fax: 01606 862100 Email: webmaster@valeroyal.gov.uk www ...
www.cheshire.gov.uk/AtoZ/atozuseadd.htm - 33k - Cached - Similar pages

Cheshire County Council
... **Winsford** Wharton. ... Last Edited: | Review: 31.12.03 | Author: info@cheshire.gov.uk
| Disclaimer | Home | AZ | Search | Feedback. Cheshire County **Council**.
www.cheshire.gov.uk/ NewCouncil/Members/cllr4.asp?division=Winsford+North+and+East++++++++++++ - 12k - Cached - Similar pages
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Winsford Cheshire, Warrington Borough Council England, North West ...
Winsford Cheshire, Warrington Borough **Council** England, North West, UK CW7 CW8 NE48
CW10 CW6 CW9 CW5 , Villages,Villages Towns Communities & Local Government ...
www.ukvillages.co.uk/ukvillages.nsf/ villages/England/Winsford-Cheshire - 15k - Cached - Similar pages

Local Government Contact Details For: Winsford Town Council

e-GMS is…

- Dublin Core elements and refinements

- Additional elements for
    - improved retrieval
    - records management
    - data security
    - legal requirements; data protection, information access, audit trails…..

e-GMS drivers

- e-Government

- Electronic records management systems

- The UK Freedom of Information Act and Data Protection Act

- The continuing need to improve efficiency

Applications

- Websites & intranets

- Descriptive metadata to aid discovery

- Records management/Content Management Systems

- Administrative metadata to track and manage data

- Archives

- Preservation metadata to track resource over time.

Types of metadata

- Content:
    Title, description, subject, coverage, etc

- Intellectual property:
    Contributor, Creator, publisher, rights

- Instantiation/version:
    Date, format, identifier, language

Definitions

- Element:

    Properties, attributes, characteristics

- Refinement:

    Narrower or more specific meaning to an element

- Encoding schemes:

    Information to help interpret value of a term

Meta tag example

<meta name="**eGMS.subject**.**category**" Scheme="**GCL**" Content="**e-government**">

Element	Refinement	Scheme	Value

Mandatory elements

Creator	All
Date	All
Subject.category	All
Title	All
Accessibility	For websites
Identifier	For websites
Publisher	For websites

Recommended elements

Coverage	All
Language	All

Optional elements

Audience	All
Contributor	All
Description	All
Disposal	All
Format	All
Relation	All
Rights	All
Source	All
Status	All
Type	All

Optional – records management elements

Addressee	RM
Aggregation	RM
Digital signature	RM
Location	RM
Mandate	RM
Preservation	RM

The Government Category List

Principles

- List of broad subject headings to aid cross-governmental browsing

- Help citizens find information easily

- Provides consistency across public sector

GCL features

- Polyhierachical

- Uses categories
    broad class or subject area

- Not to be confused with keywords
    term used for indexing from a controlled list

GCL examples

Documents page, for more hints on how to use the GCL efficiently and effectively.

The GCL is updated twice a year and it may be downloaded in several different formats from the Documents page.

The online version beginning on this page is:

GCL Version 2.0, January 2004

Index

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

[   ] [Search the GCL]

Agriculture, environment and natural resources
Arts, recreation and travel
Business and industry
Crime, law, justice and rights
Economics and finance
Education, careers and employment
Government, politics and public administration
Health, nutrition and care
Information and communication
International affairs and defence
People, communities and living
Science, technology and innovation

Crime

Use for
  Crime prevention
  Crime reduction
Broader category
  Crime, law, justice and rights
Narrower category
  Domestic violence
  Drug-related crime
  Murder
  Offenders
  Organised crime and terrorism
  Racially motivated crime
  Sex offences
  Smuggling
  Theft and burglary
  Vehicle crime
  Victims of crime
  Violence against the person
  War crime
  Antisocial behaviour and disorder
  Arson
  Business crime
See also
  Security
  Extradition
  Forensic science

Implementing the e-GMS

- Creating a local standard and local guidance

- Automation of tagging

- Maintenance

- Quality control

Creating a local standard

- Based on e-GMS **and** knowledge of information resources **and** user needs and practical consideration
    - Input method
    - Search facility

- Some local standards already available

- Don't forget staff training

Role of librarians

- Information skills to all aspects

- Liaison with IT people

- Familiarity with IT systems

- User focus
  - Don't know what they want
  - Don't know how to ask for it
  - Don't know how to search for it
  - Don't recognise it when they see it

Information skills needed

- Cataloguing
    - Which elements / fields / subfields?

    - How to populate them - encoding schemes, controlled lists

    - How to exploit it

    - Need for user focus, not meta tagger focus

Who and where?

- Internet teams

- Intranet teams

- Records management

- Document management

- Information policy

Information and advice

- Govtalk www.govtalk.gov.uk

- Govtalk email govtalk@cabinet-office.gsi.gov.uk

- Metadata documents
  http://www.govtalk.gov.uk/schemasstandards/metadata.asp

- Guidance on the use of metadata in eGovernment
  http://www.cenorm.be/cenorm/businessdomains/businessdomains/isss/cwa
  /meta-data+dc.asp

Questions?
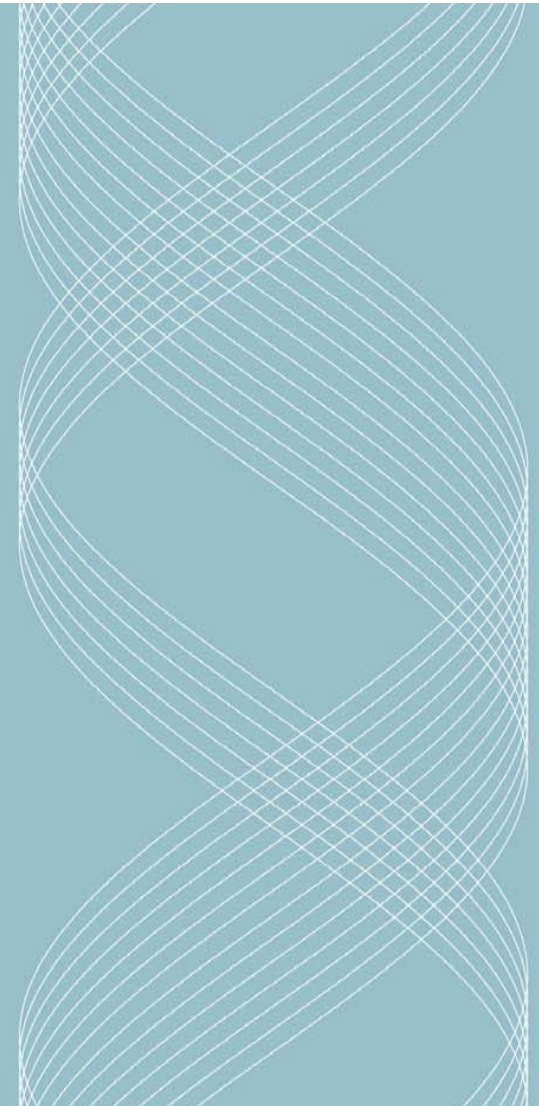
Colette Coles, e-Goverment Unit

Colette.coles@cabinet-office.gsi.gov.uk

Uses of identifiers:

Government perspectives

IDF meeting, 22 June 04

Colette Coles, e-Government Unit

The government perspective

- Government context

- Govtalk demonstrator

- Issues/solutions

- Questions

The government context

- Government characteristics

  - Local/central/DAs

- Government information

- Citizen access to information and resources

- Current policies

  - e-GIF and e-GMS

  - Efficiency Review

Govtalk demonstrator

- Report on demonstrator

- DOIs and Handles

- Editors point of view

- Lessons learnt

- Evaluation/feedback

The government issues

- Policy?

- Who pays?

- Goverment naming authority and registry?

- Impact on Content Management Systems

- Guidelines and best practice

- Compliance and implementation

Questions?

Contact details:
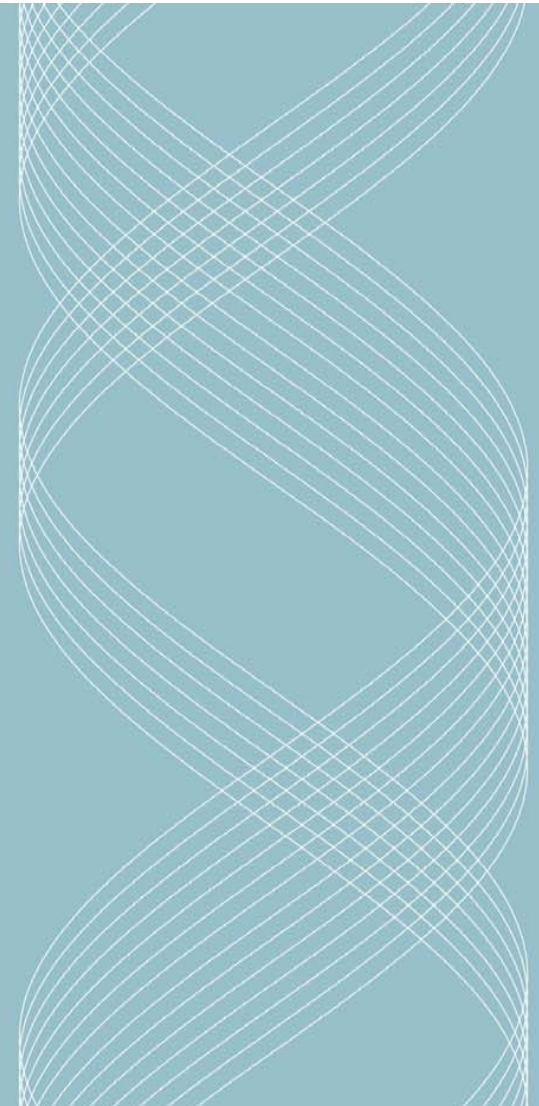
Colette Coles, e-Goverment Unit

Colette.coles@cabinet-office.gsi.gov.uk

Interoperability seminar:
Government Metadata

Birmingham, 16 June 2004

Colette Coles, e-Government Unit

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- Information is a key asset for government – this has been under recognised and under exploited

- Getting to the right info – fast - holds the key to efficiency and effectiveness in government as well as serving the citizen

Metadata examples

Google Search: improving people's health - Microsoft Internet Explorer provided by Office of the e-Envoy

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Address ⬢ http://www.google.co.uk/search?q=improving+people%27s+health&ie=UTF-8&hl=en&btnG=Google+Search&meta=cr%3DcountryUK%7CcountryGB

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link). Latest report: **Health** Inequalities (external link). Annual Report. ...
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<meta http-equiv="pics-label" content='(pics-1.1
"http://www.icra.org/ratingsv02.html" l gen true for
"http://www.dh.gov.uk/Consultations/LiveConsultations/LiveConsultatio
nsArticle/fs/en?CONTENT_ID=4075183&amp;chk=GKclCc" r (nz 1 vz 1 lz 1
oz 1 cz 1) "http://www.rsac.org/ratingsv01.html" l gen true for
"http://www.dh.gov.uk/Consultations/LiveConsultations/LiveConsultatio
nsArticle/fs/en?CONTENT_ID=4075183&amp;chk=GKclCc" r (s 0 n 0 v 0 l
0))'>
<meta name="Object Type" lang="en" content="S8_1_1_CONSULTATION">
<meta name="eGMS.Publications.Scheme" lang="en" content="Public
Consultations">
<meta name="DCTERMS.audienceDH" lang="en" content="">
<meta name="coverage" lang="en" content="Department of Health">
<meta name="eGMS.RegionDH" lang="en" content="">
<meta name="eGMS.subject.Keyword" lang="en" content="">
<meta name="CD.Date.Created" lang="en"
content="2004-03-03T12:01:00-00:00">
<meta name="eGMS.Date.Modified" lang="en"
content="2004-03-03T00:01:00-00:00">
<!--meta tags end-->
<title>Choosing Health? A consultation on improving people's
health</title>

</head>
```

Web   Images   Groups   News   more »

Google

allintitle: untitled site:gov.uk | Search | Advanced Search
                                                  Preferences

Search: ○ the web ● pages from the UK

Web   Results **1 - 10** of about **39,800** from **gov.uk** for **allintitle: untitled**. (0.35 sec

Untitled

The abandoned church just outside the village of Oddington. Today we went to Oddington
church. Inside the church is a wall painting **...**
www.schools.bedfordshire.gov.uk/schools/ gilbert/nsmhistory/oddington.htm - 5k - Cached -
Similar pages

Untitled Document

The Radiocommunications Agency ceased to exist on 29 December 2003 and its duties were
assumed by Ofcom, the Office of Communications. **...**
www.radio.gov.uk/ - 3k - Cached - Similar pages

Untitled

INSET Dates. Select the school below to access their INSET Dates. INSET Dates. Abbey
Farm Junior School, Thetford.
www.esinet.norfolk.gov.uk/cadmin/inset/public.asp - 34k - 8 Jun 2004 - Cached -
Similar pages

Untitled Document

ARCHAEOLOGY REVIEW. Welcome to the Archaeology Review Home Page. From here you
can access each annual Archaeology Review, from 1994/5 onwards. **...**
www.eng-h.gov.uk/ArchRev/ - 5k - Cached - Similar pages

Untitled

Chapter 4: The Role of Government. 4.1, In re-enforcing and extending equality of opportunity,
the Government's role is not confined **...**
www.ccruni.gov.uk/equality/docs/pfe98c4.htm - 33k - Cached - Similar pages

Untitled Document

Winsford

Welcome to Winsford.

QUALITY
PARISH
COUNCIL

A74(M)
Newcastle
M6
A1(M)
M6
A1(M)
Leeds
M6
M61 M62 M62
Liverpool
M1
M53 Manchester
Winsford M6 M1
Birmingham M42
M6 M1
M5
M5 M40 M1 M1
A1(M)
A1(M)
M4 M5 M40

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multimap.com

```
<HEAD>
<META HTTP-EQUIV="Content-Type" CONTENT="text/html;
charset=windows-1252">
<META NAME="Generator" CONTENT="Microsoft Word 97">
<TITLE>WINSFORD</TITLE>
</HEAD>
```

Web   Images   Groups   News   **more »**

Google™

winsford council

Search   **Advanced Search**
         Preferences

Search: ○ the web ● pages from the UK

Web   Results **1 - 10** of about 7,080 for **winsford** council. (0.20 sec

Vale Royal Borough **Council**
... Vale Royal Borough **Council**, The Drumber, **Winsford**, Cheshire, CW7 1AH Tel: 01606 862862,
Fax: 01606 862100, Email: webmaster@valeroyal.gov.uk Legal disclaimers. ...
www.valeroyal.gov.uk/ - 27k - 7 Jun 2004 - Cached - Similar pages

   Vale Royal Borough **Council** - Committee Meetings Calendar
   ... Planning Committee, 20/04/04. 5.00pm. **Council** Chamber, Wyvern House, **Winsford**. ... **Council**,
   29/04/04. 6.30pm. **Council** Chamber, Wyvern House, **Winsford**. ...
   www.valeroyal.gov.uk/TheCouncil/calendar.cfm - 99k - 7 Jun 2004 - Cached - Similar pages
   [More results from www.valeroyal.gov.uk]

A - Z of Cheshire County **Council** Services - Responsibilities
... Vale Royal Borough **Council**, Wyvern House, The Drumber, **Winsford**, Cheshire CW7
1AH 01606 862862, fax: 01606 862100 Email: webmaster@valeroyal.gov.uk www ...
www.cheshire.gov.uk/AtoZ/atozuseadd.htm - 33k - Cached - Similar pages

   Cheshire County **Council**
   ... **Winsford** Wharton. ... Last Edited: | Review: 31.12.03 | Author: info@cheshire.gov.uk
   | Disclaimer | Home | AZ | Search | Feedback. Cheshire County **Council**.
   www.cheshire.gov.uk/ NewCouncil/Members/cllr4.asp?division=Winsford+North+and+East++++++++++++ - 12k - Cached - Similar pages
   [More results from www.cheshire.gov.uk]

Winsford Cheshire, Warrington Borough **Council** England, North West ...
Winsford Cheshire, Warrington Borough **Council** England, North West, UK CW7 CW8 NE48
CW10 CW6 CW9 CW5 , Villages,Villages Towns Communities & Local Government ...
www.ukvillages.co.uk/ukvillages.nsf/ villages/England/Winsford-Cheshire - 15k - Cached - Similar pages

Local Government Contact Details For: **Winsford** Town **Council**

Metadata policy - headline decisions

- Develop e-Government Metadata Standard (e-GMS) Dublin Core plus

- Records management

- Data Protection Act requirements

- Freedom of Information requirements

- Government Category List

e-GMS is…

- Dublin Core elements and refinements

- Additional elements for
    - improved retrieval
    - records management
    - data security
    - legal requirements; data protection, information access, audit trails…..

e-GMS drivers

- e-Government

- Electronic records management systems

- The UK Freedom of Information Act and Data Protection Act

- The continuing need to improve efficiency

Applications

- Websites & intranets

- Descriptive metadata to aid discovery

- Records management/CMS

- Administrative metadata to track and manage data

- Archives

- Preservation metadata to track resource over time.

Types of metadata

- Content
    - Title, description, subject, coverage, etc

- Intellectual property
    - Contributor, Creator, publisher, rights

- Instantiation/version
    - Date, format, identifier, language

The Government Category List

Principles

- List of broad subject headings to aid cross-governmental browsing

- Help citizens find information easily

- Provides consistency across public sector

GCL features

- Polyhierachical

- Uses categories
    broad class or subject area

- Not to be confused with keywords
    term used for indexing from a controlled list

GCL examples

Documents page, for more hints on how to use the GCL efficiently and effectively.

The GCL is updated twice a year and it may be downloaded in several different formats from the Documents page.

The online version beginning on this page is:

GCL Version 2.0, January 2004

Index
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

[   ]   Search the GCL

Agriculture, environment and natural resources
Arts, recreation and travel
Business and industry
Crime, law, justice and rights
Economics and finance
Education, careers and employment
Government, politics and public administration
Health, nutrition and care
Information and communication
International affairs and defence
People, communities and living
Science, technology and innovation

Crime

Use for
  Crime prevention
  Crime reduction
Broader category
  Crime, law, justice and rights
Narrower category
  Domestic violence
  Drug-related crime
  Murder
  Offenders
  Organised crime and terrorism
  Racially motivated crime
  Sex offences
  Smuggling
  Theft and burglary
  Vehicle crime
  Victims of crime
  Violence against the person
  War crime
  Antisocial behaviour and disorder
  Arson
  Business crime
See also
  Security
  Extradition
  Forensic science

Implementing the eGMS

- Creating a local standard and local guidance

- Automation of tagging

- Maintenance

- Quality control

Information and advice

- Govtalk www.govtalk.gov.uk

- Govtalk email govtalk@cabinet-office.gsi.gov.uk

- Metadata documents
  http://www.govtalk.gov.uk/schemasstandards/metadata.asp

- Guidance on the use of metadata in eGovernment
  http://www.cenorm.be/cenorm/businessdomains/businessdomains/isss/cwa
  /meta-data+dc.asp

Information and advice

Govtalk www.govtalk.gov.uk

Govtalk email govtalk@cabinet-office.gsi.gov.uk

Metadata documents

http://www.govtalk.gov.uk/schemasstandards/metadata.asp

Guidance on the use of metadata in eGovernment

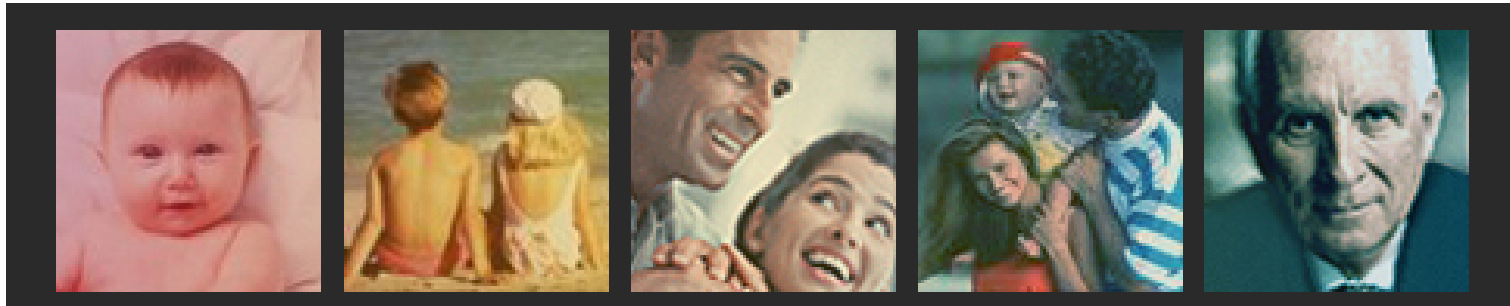http://www.cenorm.be/cenorm/businessdomains/businessdomains/isss/cwa/meta-data+dc.asp

Questions?

Colette Coles, e-Goverment Unit

Colette.coles@cabinet-office.gsi.gov.uk

Interoperability & metadata…

Colette Coles

Interoperability Policy Advisor

Internal Audit - Treasury 24 Mar 2004

Agenda

- e-GIF: outline and update

- e-GMS: outline and FOIA

- Compliance

- Advice and guidance

Office of the *e-Envoy*
Leading the drive to get the UK online

delivering
UK online

e-Government Strategy

- All Government services to be online by 2005 with key services achieving high levels of use

- End 2003 - we have approx 68% of services on line

- Joined-up Government needs Joined-up Information Systems

e-Government Service Delivery Infrastructure

Interoperability

- Enables exchange of information between different computer systems

Office of the *e-Envoy*
Leading the drive to get the UK online

delivering
UK online

e-GIF – Headline Decisions

- Adopts Internet and World Wide Web Standards for all public sector systems
- Adopts XML as the key standard for data interchange
- Makes the Browser the key interface for access and manipulation of all information
- Assign Metadata to government information
- Adopts open, international standards that are well supported by the market
- Internet based Implementation Strategy through UK GovTalk

e-GIF Format and Versions

- For version 5
  - Part 1 Policies
  - Part 2 Technical Specifications

- For version 6
  - The e-GIF
  - Technology Standards Catalogue (on GovTalk)

- What's new in v6?
  - updated specifications for messaging and security, and smart cards
  - updated guidance on IPv6 and wireless LANs
  - revised standards for information access
  - revised specifications for specific business areas

e-GIF - Interconnectivity

- Specifications for systems interconnection set out in Part 2 Table 1, eg

  - HTTP, E-mail, Directory, Domain Naming, File Transfer, LAN/WAN, Security

- Policy for migrating to IPv6

- Policy on future use of Web Interoperability Services

  - SOAP, UDDI, WSDL

e-GIF - Data Integration

- Specifications for data integration set out in Part 2 Table 2, eg

  – XML, XML Schemas, XSL, UML, Data Standards, UTF-8, XML Signatures

- XML compliance with W3C Recommendations

e-GIF - Access

- Specifications for access to services set out in Part 2 Tables 4 - 9, eg

  – HTML, document types, presentation types, spreadsheet types, UNICODE, Graphics, Scripting, Audio, Animation,

- Specs vary for each channel device

  – DTV, PCs, Mobiles, Games Consoles, PDAs

- Specs for Smartcards

Specifications for Business Areas

- Specifications for business areas set out in Part 2 Table 10, eg

  – finance, procurement, legal, HR, voting, learning

- Specs are at various stages of maturity

- e-GIF adoption indicated under "Status" heading in table 10

- OeE setting up ad-hoc working groups to study maturity, market take-up, international adoption, etc

e-GIF - Content Management

- Specifications for content management metadata set out in Part 2 Table 3, eg

  - e-GMS

  - GCL

  - Data Standards

  - XML Schemas

Metadata….

- Improve information retrieval on the internet
- Improve internal information management
- Ease joined up government
- Increase value of information as an asset

- We have produced the e-Government Metadata Standard (eGMS)
  - based on Dublin Core with additional elements to support government information
    - *Records management*
    - *Data Protection Act requirements*
    - *Freedom of Information requirements*
    - *e-Services*

Government Category List (GCL)

- Common vocabulary required for government
- List of broad subject headings needed to aid cross-governmental browsing
- Local controlled vocabularies can be mapped to GCL

CABINET OFFICE

Office of the *e-Envoy*

delivering

UK online

Click on any underlined item below to see the catalogue entry

Person Information

Person Birth Date

Person Death Date

Person Marital Status

Person Sex **UML**

   Person Gender at Registration

   Person Gender Current

Person Name **UML**

   Person Name Suffix

   Person Requested Name

   Person Given Name

   Person Family Name

   Person Initials

UK Government Data Standards Catalogue

UK online

Data Element	Person Birth Date
Is Part Of	**Person Information**
Has Parts	
Version	**2.0**
Status	**Release**
Previous Versions	
Later Versions	
Date Agreed	**1 January 2002**

Meta Data	Value
Name	**Person Birth Date**
Description	The date on which a person was born or is officially have been deemed to have been born.
Business Format	See Type standard for date.
Element Type	Data Item
XML Schema	View whole schema document Personal Details Types as XML View definition CitizenBirthDateStructure as HTML
Validations	1. See Type standard for date. 2. Date must not be in the future. 3. Date must not be later than date of death where held.
Value	See Type standard for date.
DefaultValue	

FOIA and metadata

- Use of metadata does not infer any compliance with FOIA.

- Metadata's role is the aiding of locating information.

Rights element refinements

FOI disclosability indicator	Whether the resource can be disclosed ('Y' or 'N') in accordance with the FOI (Freedom of Information Act).
FOI exemption	Whether there are exemptions to access to the resource ('Y' or 'N') in accordance with the FOI.
FOI release details	The details of the past or future release of the resource to public view either by general publication or by release in response to an individual request.
FOI release date	The date of past or future release.
Last FOI disclosability review	The date of the previous formal decision regarding the disclosability of a resource.

Rights indicators for FOI

- Indicators can be used to tag information with the conclusion on the disclosability of the resource the last time it was assessed.

- A disclosability indicator set to 'Y' means that the information was judged to be disclosable according to that provision and a 'N' that it was judged not to be disclosable. Where the 'N' assessment has been made, the relevant exemption should be cited.

- This assists future colleagues faced with a similar judgement about the same resource to track what has been the previous decision.

- "Last FOI disclosability review" where the date of the last review can be recorded to assist in the understanding of how different the assessment might be expected to be this time.

e-GIF compliance

• Compliance with the e-GIF is mandatory for the exchange of information between Government systems and the interactions between:

  – UK Government and citizens

  – UK Government and businesses (world wide)

  – UK Government sectors and other UK Government sectors

  – UK Government and foreign governments (UK/EC, UK/US etc)

e-GIF compliance: who

- Central govt
- Agencies
- Local govt
- Devolved administrations
- Public bodies
- NHS

e-GIF compliance: what

- Detailed Compliance procedures in Part 1 Section 5

- The e-GIF standards are mandated on all new systems

- Legacy systems which need to link to UK Online/DirectGov, Government Gateway, or are part of Electronic Service Delivery targets, need to comply

- Recommended for all other systems

e-GIF compliance: tests

Main tests:

- Provide a Browser interface

- Use XML for data integration

- Use Internet & WWW standards

- Use Metadata for content management

Ultimate test:

- can any component or product used within an interface be replaced by another of a similar specification and the functionality of the system still be maintained

e-GIF Compliance Assessment Service

– Operated by NCC on behalf of OeE

e-GIF Skills Accreditation

– New Accreditation Authority being engaged

e-GIF Metrics on Take-up

– New return being introduced from April

UK GovTalk Provides

- Interoperability and Metadata Standards
- XML Schemas
- Government Data Standards
- e-Service Development Framework (eSDF)
- Government Category List
- Change Control Procedures
- Access to e-GIF Compliance Service
- Discussion Forum
- RFC and RFP on a global business
- Other e-government frameworks

Further information:

- **www.govtalk.gov.uk**

- **govtalk@e-envoy.gsi.gov.uk**

- **www.egifcompliance.org**

What now?

- Role of auditors
- Being involved
- Keeping up to date
- Communications with OeE