「你們的後設資料都是我家的了。」
您能怎麼辦？

"ALL YOUR METADATA ARE BELONG TO US."
What Can You Do?

COSCUP 2013, Taipei

莊庭瑞 (trc)
Tyng-Ruey Chuang
THIS FILM IS RESTRICTED
PACIFIC

CARRIER FORCE STRIKES FORMOSA

ARMY PICTORIAL SERVICE
Department of Defense, PIN 20304, COMBAT BULLETIN NO. 41
BOMBING OF MANILA AIRFIELDS--BRITISH TAKE AKYAB--OPENING OF LEDO ROAD--CARRIER FORCE STRIKES FORMOSA--ITALIAN FRONT--ACTIVITIES IN ETO.
Taiwan

URI(s)
- http://id.loc.gov/vocabulary/geographicAreas/a-ch
- info:lc/vocabulary/gacs/a-ch

Instance Of
- MADS/RDF Geographic
- MARC GeographicArea

Codes
- a-ch

Variants
- Formosa

Use For
- Pescadores Islands
- Pratas Islands

Broader Terms
- Asia

Change Notes
- 1970-01-01: new
鄭成功  Koxinga  國姓爺

<table>
<thead>
<tr>
<th>Label</th>
<th>Vocabulary</th>
<th>Concept Type</th>
<th>Subdivision Type</th>
<th>Identifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zheng, Chenggong, 1624-1662</td>
<td>LC Name Authority File</td>
<td>Personal Name</td>
<td></td>
<td>n83024080</td>
</tr>
<tr>
<td>Cheng, Ch'eng-kung, 1624-1662; Koxinga, 1624-1662; Guoxingye, 1624-1662; Zheng, Yanping, 1624-1662; Yanping jun wang, 1624-1662; Kuo-hsing-yeh, 1624-1662; Cheng, Yen-p'ing, 1624-1662; Coxinga, 1624-1662; Ko Shin Ya, 1624-1662; Kokusen-ya, 1624-1662; Tei, Saikō, 1624-1662; Yen-p'ing chün wang, 1624-1662; 郑成功, 1624-1662; 鄭成功, 1624-1662; 科成功, 1624-1662; 鄭成功, 1624-1662</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Virtual International Authority File

Zheng, Chenggong
鄭，成功
Cheng, Cheng-kung
Koxinga
Koxinga (Wikipedia)

VIAF ID: 5727768 (Personal)
Permalink: http://viaf.org/viaf/5727768
日本愛媛縣松山市與台北市將創同名機場對飛先例，台北市長郝龍斌明天(3日)將應邀赴日參加「松山to松山包機直航記者發表會」。

台北市觀光傳播局今天表示，郝龍斌明天將應日本愛媛縣及松山市邀請，率領台北市政府相關局處人員赴日訪問，同時參加愛媛縣舉辦的「松山to松山包機直航記者發表會」，以及松山市舉辦的「松山－道後溫泉祈福機械鐘贈送」記者發表會，預定6日返台。

郝龍斌表示，台北市松山區與愛媛縣松山市，雙方因有「松山」同名之緣，從2009年起開始往來，經過多年交流及努力，今年將實現愛媛縣松山市與台北市雙方同名機場對飛的夢想，創下第一個同名機場對飛先例。
Derrida, Jacques.
[De la grammatologie. English]
Of grammatology / by Jacques Derrida;
translated by Gayatri Chakravorty Spivak. -- 1st American ed. --
xc, 354 p. ; 24 cm.

Translation of De la grammatologie.
Includes bibliographical references.

1. Languages--Philosophy. I. Title.
Fig. 1. Artist's Conception of the Telereference System

- CATALOG USER
- INTERCOM TO TALK WITH LIBRARY
- CONTROL PANEL
- MONITOR STATION
- AMPLIFIERS AND CONTROL
- TV CAMERA
- CARD MANIPULATING DEVICE
- LIBRARIAN
- CARD CATALOG
- AT GENERAL LIBRARY PUBLIC CATALOG
- AT DIVISIONAL LIBRARIES
- MONITOR STATION FOR LIBRARIAN
- CONTROL PANEL
您的後設資料裏都放些什麼？

What do you put into your metadata?
Lychee and Coffee 荔枝與咖啡

Almost a Debian motif on the coffee cup, but the pattern appears clockwise.
Almost a Debian motif on the coffee cup, but the pattern appears clock-wise.
後設資料 – 關於資料的資料
Metadata – Data about Data

- Descriptive metadata 描述性後設資料
  - 作者、作品名、摘要、關鍵詞等。

- Structural metadata 結構性後設資料
  - 章節編排、套件組成等。

- Administrative metadata 管理性後設資料
  - 檔案型態、著作權、使用權限、取得以及保存方式等。
Where do you put your metadata?
Dacun Township, Changhua County, Taiwan
達仁鄉位於台東縣最南端。
http://zh.wikipedia.org/wiki/%E9%81%94%E4%BB%81%E9%84%89
這家便利商店似乎是進入阿塱壹古道前眾人的補給之處。

Daren Township is at the south most part of Taitung County. http://en.wikipedia.org/wiki/Daren,_Taitung
This convenience store seems to be a popular supply stop for people who are on to the Alangyi ancient trail.

Photo details
- Date taken: 10/8/11, 12:08 PM
- Dimensions: 4352 x 2448
- File name: P1030029.JPG
- File size: 4.38M
- Camera: DMC-GH1
- Focal Length: 14mm
- Exposure: 1/640
- F Number: f/7.1
- ISO: 100
- Camera make: Panasonic
- Flash: Not used
- Exposure Bias: -
- Views: 192
您的後設資料安全嗎？

Is your metadata safe?
Pigheadskin's video collections at YouTube all gone.
Account terminated!

對於這個...您有啥指示....
阿 我咧...幾年來辛苦上傳的幾百部影片．不管侵權不侵權 都掛了
http://www.plurk.com/p/bs5w7u

上YouTube版權學校  侵權紀錄有機會撤銷

YouTube Copyright School
http://www.youtube.com/watch?v=InzDjH1-9Ns

哈哈哈.[以身試法]到了一個階段...終於被youtube停權了...
youtube said:這是我們第三次收到關於您所張貼之內容侵犯版權的申訴通知，因此我們已終止您的帳戶。...
COSCUP, cool!
Formoz cool too!
(http://formoz.com/)
您的後設資料現在在哪裡？
Where is your metadata now?
內嵌於檔案的後設資料（格式）
(Format for) Embedded Metadata

- **Exif** (Exchangeable image file format)
  - Manufacturer, Model, Date and Time, Exposure Time, Fnumber, Geolocation, etc.
  - UserComment.

- **ID3** for MP3 audio file format
  - title, artist, album, track number, etc.

- **Extensible Metadata Platform (XMP)**
  - extensible metadata properties in RDF/XML syntax.
  - proposed by Adobe, now an ISO standard.
Jeffrey's Exif viewer (http://regex.info/exif.cgi)

### Basic Image Information

<table>
<thead>
<tr>
<th>Artist</th>
<th>Jeffrey Friedl</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address:</td>
<td>Kyoto, Kyoto, Japan</td>
</tr>
<tr>
<td>Contact:</td>
<td><a href="mailto:jfriedl@yahoo.com">jfriedl@yahoo.com</a>, <a href="http://regex.info/blog/">http://regex.info/blog/</a></td>
</tr>
</tbody>
</table>

#### Terms of Use:
This work is licensed to the public under the Creative Commons Attribution-NonCommercial 3.0 Unported License
http://creativecommons.org/licenses/by-nc/3.0/

#### Required Attribution Link:
"Jeffrey Friedl"

| Camera | Nikon D4 |
| Lens | Voigtlander 125mm f/2.5 |
| Exposure | Auto exposure, Aperture-priority AE, 1/400 sec, f/5.6, ISO 1600 |
| Flash | none |

#### User Comment:
http://regex.info/blog

#### Date:
**June 27, 2013** 10:22:26AM (timezone not specified)
(1 month, 5 days, 14 hours, 39 minutes, 32 seconds ago, assuming image timezone of 9 hours ahead of GMT)

#### Location:
Hepin Shrine (平安神宫)
Kyoto, Japan
Latitude/longitude: 35° 0’ 58.5” North, 135° 46’ 54” East
(35.016262, 135.781677)

Photos on Jeffrey’s blog that are near this location.

Map via embedded coordinates at: Google, Yahoo! Japan, MapFan, WikiMapia, OpenStreetMap, Bing
(also see the Google Maps pane below)
Timezone guess from earthtools.org: 9 hours ahead of GMT

#### File:
1,125 x 1,800 JPEG (2.0 megapixels)
160,723 bytes (0.15 megabytes) Image compression: 97%

#### Color Encoding:
Embedded color profile: "sRGB"

#### Image URL:
http://regex.info/UF4_034098.jpg
Here's the full data:

**XMP**

<table>
<thead>
<tr>
<th>XMP Toolkit</th>
<th>Image::ExifTool 9.27</th>
</tr>
</thead>
<tbody>
<tr>
<td>Country Code</td>
<td>JP</td>
</tr>
<tr>
<td>Creator City</td>
<td>Kyoto</td>
</tr>
<tr>
<td>Creator Country</td>
<td>Japan</td>
</tr>
<tr>
<td>Creator Region</td>
<td>Kyoto</td>
</tr>
<tr>
<td>Creator Work Email</td>
<td><a href="mailto:jfriedl@yahoo.com">jfriedl@yahoo.com</a></td>
</tr>
<tr>
<td>Creator Work URL</td>
<td><a href="http://regex.info/blog/">http://regex.info/blog/</a></td>
</tr>
<tr>
<td>Location</td>
<td>Heian Shrine (平安神宮)</td>
</tr>
<tr>
<td>Image Number</td>
<td>34519</td>
</tr>
<tr>
<td>Lens</td>
<td>Voigtlander 125mm f/2.5</td>
</tr>
</tbody>
</table>
依授權條件搜尋照片  Search by Licensing Conditions
http://flickrcc.bluemountains.net/
Let's all embed metadata in the files!
Flickr and Facebook STILL Strip EXIF Data

Posted on April 22, 2010 by Jonathan Bailey • 31 Comments

In November 2008 I wrote about EXIF data in images...
We have uploaded a test image with embedded metadata and have checked if any of the embedded values are displayed and if so, which ones. As a next step we have tried to save the picture from a Social Media web site or system on our computer and then we checked what metadata fields are still embedded. Find the test results in the grid below - in short: a green light indicates good results, a yellow one not so good ones and the red light that the handling of metadata should be improved, grey means: has not been tested.

You can read the full details of the tests on this page. It lists all details about what was tested and what the icons below stand for.

<table>
<thead>
<tr>
<th>Social Media site/system</th>
<th>Summary</th>
<th>Displays correctly?</th>
<th>Displays 4Cs?</th>
<th>Save As embedded?</th>
<th>Download embedded?</th>
</tr>
</thead>
<tbody>
<tr>
<td>500px - <a href="http://www.500px.com">www.500px.com</a> Tested in March 2013</td>
<td>Most relevant fields shown, copyright was overridden, in downloaded file we only found Exif metadata. Save As is disabled.</td>
<td><img src="Exif.png" alt="Exif" /> <img src="IPTC.png" alt="IPTC" /> <img src="IPTC.png" alt="IPTC" /></td>
<td><img src="Exif.png" alt="Exif" /> <img src="IPTC.png" alt="IPTC" /> <img src="IPTC.png" alt="IPTC" /></td>
<td><img src="Exif.png" alt="Exif" /> <img src="IPTC.png" alt="IPTC" /> <img src="IPTC.png" alt="IPTC" /></td>
<td><img src="Exif.png" alt="Exif" /> <img src="IPTC.png" alt="IPTC" /> <img src="IPTC.png" alt="IPTC" /></td>
</tr>
<tr>
<td>Dropbox - <a href="http://www.dropbox.com">www.dropbox.com</a> Tested in March 2013</td>
<td>No metadata shown, all embedded fields are preserved in the image files.</td>
<td><img src="Exif.png" alt="Exif" /> <img src="IPTC.png" alt="IPTC" /> <img src="IPTC.png" alt="IPTC" /></td>
<td><img src="Exif.png" alt="Exif" /> <img src="IPTC.png" alt="IPTC" /> <img src="IPTC.png" alt="IPTC" /></td>
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<td><img src="Exif.png" alt="Exif" /> <img src="IPTC.png" alt="IPTC" /> <img src="IPTC.png" alt="IPTC" /></td>
</tr>
<tr>
<td>Facebook - <a href="http://www.facebook.com">www.facebook.com</a> Tested in June 2013</td>
<td>Metadata not shown anymore, all embedded metadata stripped-off from image files.</td>
<td><img src="Exif.png" alt="Exif" /> <img src="IPTC.png" alt="IPTC" /> <img src="IPTC.png" alt="IPTC" /></td>
<td><img src="Exif.png" alt="Exif" /> <img src="IPTC.png" alt="IPTC" /> <img src="IPTC.png" alt="IPTC" /></td>
<td><img src="Exif.png" alt="Exif" /> <img src="IPTC.png" alt="IPTC" /> <img src="IPTC.png" alt="IPTC" /></td>
<td><img src="Exif.png" alt="Exif" /> <img src="IPTC.png" alt="IPTC" /> <img src="IPTC.png" alt="IPTC" /></td>
</tr>
<tr>
<td>Flickr FREE account - <a href="http://www.flickr.com">www.flickr.com</a> Tested in June 2013 (PRO account may show other results)</td>
<td>A few metadata fields shown, 'by' was overridden, for any downscaled rendition all embedded metadata are stripped-off from image files, only the Original rendition keeps all metadata.</td>
<td><img src="Exif.png" alt="Exif" /> <img src="IPTC.png" alt="IPTC" /> <img src="IPTC.png" alt="IPTC" /></td>
<td><img src="Exif.png" alt="Exif" /> <img src="IPTC.png" alt="IPTC" /> <img src="IPTC.png" alt="IPTC" /></td>
<td><img src="Exif.png" alt="Exif" /> <img src="IPTC.png" alt="IPTC" /> <img src="IPTC.png" alt="IPTC" /></td>
<td><img src="Exif.png" alt="Exif" /> <img src="IPTC.png" alt="IPTC" /> <img src="IPTC.png" alt="IPTC" /></td>
</tr>
<tr>
<td>Google+ - <a href="http://plus.google.com">plus.google.com</a> Tested in March 2013</td>
<td>Primarily Exif metadata shown, all embedded fields are preserved.</td>
<td><img src="Exif.png" alt="Exif" /> <img src="IPTC.png" alt="IPTC" /> <img src="IPTC.png" alt="IPTC" /></td>
<td><img src="Exif.png" alt="Exif" /> <img src="IPTC.png" alt="IPTC" /> <img src="IPTC.png" alt="IPTC" /></td>
<td><img src="Exif.png" alt="Exif" /> <img src="IPTC.png" alt="IPTC" /> <img src="IPTC.png" alt="IPTC" /></td>
<td><img src="Exif.png" alt="Exif" /> <img src="IPTC.png" alt="IPTC" /> <img src="IPTC.png" alt="IPTC" /></td>
</tr>
</tbody>
</table>
您能怎麼辦？
What Can You Do?
POSSE –
Publish (on your) Own Site,
Syndicate Elsewhere

本站發表，他站聯播

IndieWeb Recommended
硬地資訊網 推薦

http://indiewebcamp.com/POSSE
Packages for Managing Photos & Metadata

- **Shotwell**
  - Photo (& metadata) organizer for the GNOME desktop
  - publish photos to Facebook, Flickr, YouTube, etc.

- **GNU MediaGoblin**
  - [http://mediagoblin.org/](http://mediagoblin.org/)
  - a free software media publishing platform
  - a decentralized alternative to Flickr, YouTube, etc.
Cats: All your base are belong to us.

* With an apology to Toaplan, see <http://en.wikipedia.org/wiki/All_your_base_are_belong_to_us>.
完

fin
「通訊後設資料」？
“Telephony Metadata”？
NSA collecting phone records of millions of Verizon customers daily

Exclusive: Top secret court order requiring Verizon to hand over all call data shows scale of domestic surveillance under Obama

- Read the Verizon court order in full here
- Obama administration justifies surveillance
“… Privacy advocates have long warned that allowing the government to collect and store unlimited "metadata" is a highly invasive form of surveillance of citizens' communications activities.”

“Those records enable the government to know the identity of every person with whom an individual communicates electronically, how long they spoke, and their location at the time of the communication. …”

Note: I gave the title and abstract of my talk to COSCUP 2013 program committee on May 31. On June 6, the Guardian reported on US NSA getting massive telephony metadata from Verizon about its customers. This talk is not a commentary on the related news events; however, these issues are highly related.
舊瓶新酒
what is old is new again
Imperial *Lambda*-class shuttle
Additional note:

"COMBAT BULLETIN NO. 41 (1945)" from archive.org (CC0)
https://archive.org/details/gov.dod.dimoc.20304

"Flickr and Facebook STILL Strip EXIF Data" from Jonathan Bailey

Library photos from David Fulmer (CC BY)
http://www.flickr.com/photos/annarbor/4349879701/
http://www.flickr.com/photos/annarbor/4350628016/
http://www.flickr.com/photos/annarbor/4349878303/

Thanks to Pigheadskin for permission to use his story (he said, “Of course!”).

As for other images? “I got them from the Internet.” (Kids, don't do this at home!)