

「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**

COMBAT BULLETIN



MILITARY OPERATIONS ON ALL FRONTS

WAR DEPARTMENT

NO. 41

PACIFIC

CARRIER FORCE
STRIKES FORMOSA

ARMY PICTORIAL SERVICE

- Identifier
 - gov.dod.dimoc.20304 (<https://archive.org/details/gov.dod.dimoc.20304>)
- creator
 - Department of Defense
- credits
 - Uploaded by Public.Resource.Org
- date
 - 1945
- description
 - 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.
- language
 - English
- licenseurl
 - <http://creativecommons.org/publicdomain/zero/1.0/> CC0
- ...

美國國會圖書館 - 資料連接服務

Library of Congress - Linked Data Service

Taiwan

Variants

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

Formosa

Use For

Pescadores Islands

Pratas Islands

Broader Terms

Asia

Change Notes

1970-01-01: new

鄭成功 Koxinga 國姓爺

Search Results - LC Linked Data Service (Library of Congress)

id.loc.gov/search/?q=Koxinga

http://viaf.org/viaf/5727768/#skos:Concept



[ASK A LIBRARIAN](#)[DIGITAL COLLECTIONS](#)[LIBRARY CATALOGS](#)

Search [GO](#)

[The Library of Congress](#) > [Linked Data Service](#) > [Search Results](#)

Search Results

Do you need [assistance with your search?](#)

Search

All

LC Subject Headings

LC Name Authority File

LC Classification

LC Children's Subject Headings

****Please Note:** LC Classification entries are not included in general search results. You must explicitly select LC Classification in order to search the scheme. This is temporary while the impact of adding LCC to the current system is better understood.

[Search](#)[Reset](#)

Previous 1 Next

Label	Vocabulary	Concept Type	Subdivision Type	Identifier
1. Zheng, Chenggong, 1624-1662	LC Name Authority File	Personal Name		n83024080
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, Seikō, 1624-1662 ; Yen-p'ing chün wang, 1624-1662 ; 鄭成功, 1624-1662 ; 鄧成功, 1624-1662 ; 鄭成功, 1624-1662				

Previous 1 Next

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>

VIAF
Virtual International Authority File

Search

Select Field: **Personal Names** Select Index: **All VIAF** **Search**

Search Terms:

Zheng, Chenggong, 1624-1662 
鄭，成功, 1624-1662 
Cheng, Cheng-kung, 1624-1662 
Koxinga, 1624-1662 
Koxinga 
VIAF ID: 5727768 (Personal)
Permalink: <http://viaf.org/viaf/5727768>

Preferred Forms

-   100 1 _ [_1a Zheng, Chenggong _1d 1624-1662](#)
-   100 1 _ [_1a Cheng, Cheng-kung, _1d 1624-1662](#)
-   100 0 _ [_1a Koxinga](#)
-   100 1 _ [_1a Zheng, Chenggong, _1d 1624-1662](#)
-   100 0 _ [_1a Koxinga, _1d 1624-1662](#)
-   100 1 _ [_1a 鄭，成功, _1d 1624-1662](#)
-   100 1 _ [_1a Zheng, Chenggong, _1d 1624-1662](#)
-   100 1 _ [_1a Zheng, Chenggong, _1d 1624-1662](#)
-   100 1 _ [_1a Zheng, Chenggong, _1d 1624-1662](#)
-   100 1 _ [_1a Zheng, Chenggong, _1d 1624-1662](#)



松山飛松山 台日同名機場直航



時間：2013/8/2 新聞引據：中央社



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「松山一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梦想，創下第一個同名機場對飛先例。

800
D438
tS76

Derrida, Jacques.
[De la grammatologie. English]
Of grammatology / by Jacques Derrida
; translated by Gayatri Chakravorty
Spivak. -- 1st American ed. --
Baltimore : Johns Hopkins University
Press, 1976.
xc, 354 p. ; 24 cm.

Translation of De la grammatologie.
Includes bibliographical references.
ISBN 0-8018-1841-9. ISBN 0-8018-
1879-6 pbk.

1. Languages--Philosophy. I. Title.

PUE ME
L000160
3 Recat.

800803
GEL/SWB

MIU

A*

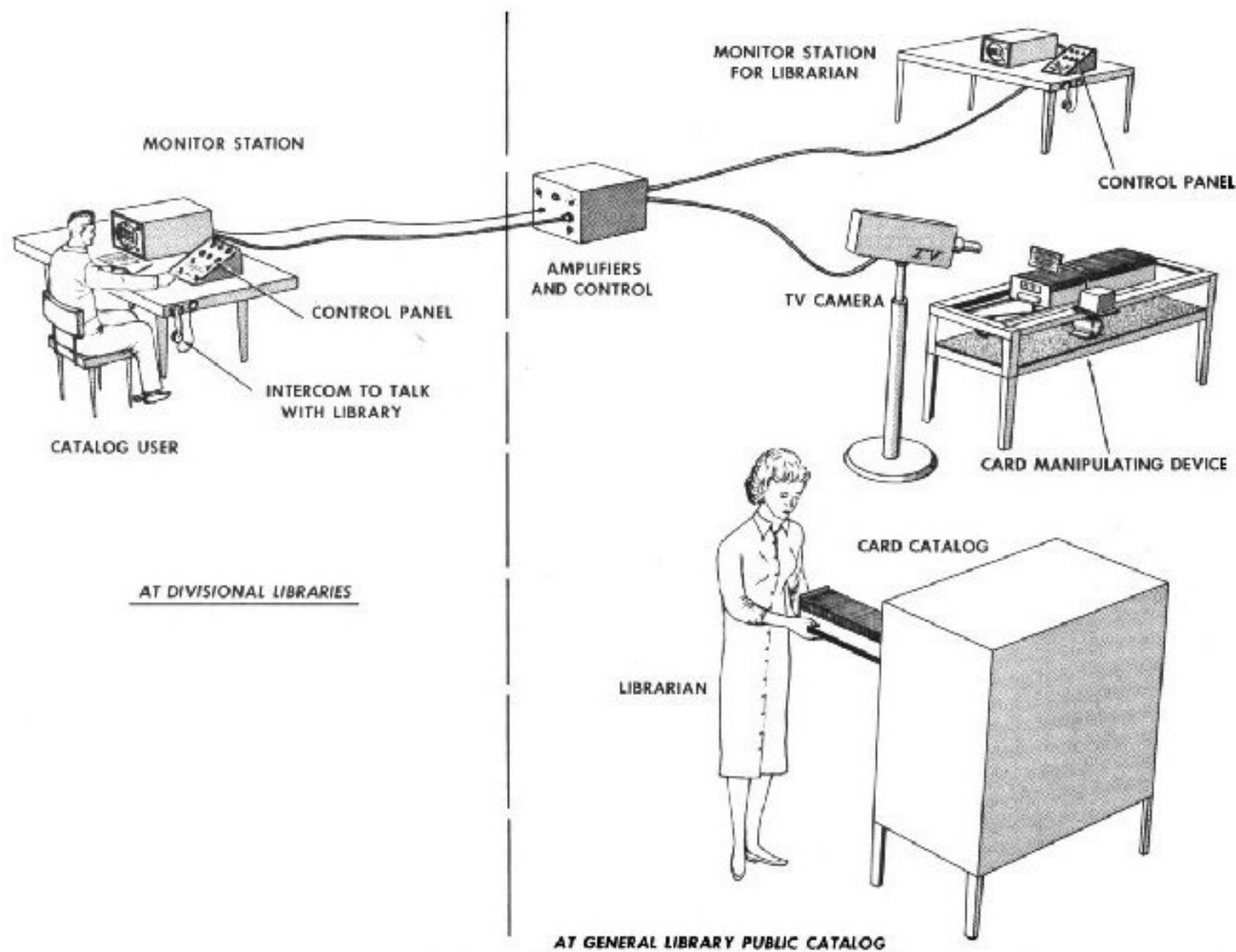
76-17226

16598270

RPL



Fig. 1. Artist's Conception of the Telereference System



您的後設資料裏都放些什麼？

What do you put into your metadata?

mediagoblin

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Added

1 month, 3 weeks ago

Tagged with

[桃園 · Taoyuan](#)

License

[CC0 1.0](#)

Camera Information

Aperture	f/1.7
ISO Speed	100
Camera	DMC-GH1
Focal Length	20 mm
Exposure	1/50 sec

[Additional Information](#)

Lychee and Coffee 荔枝與咖啡

Almost a Debian motif on the coffee cup, but the pattern appears clock-wise.

[Add a comment](#)

Lychee and Coffee 荔枝與咖啡

❖ Browsing media by trc



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License

CC0 1.0

Camera Information

Aperture f/1.7

ISO Speed 100

Camera DMC-GH1

Focal Length 20 mm

Exposure 1/50 sec

Almost a Debian motif on the coffee cup, but the pattern appears clock-wise.

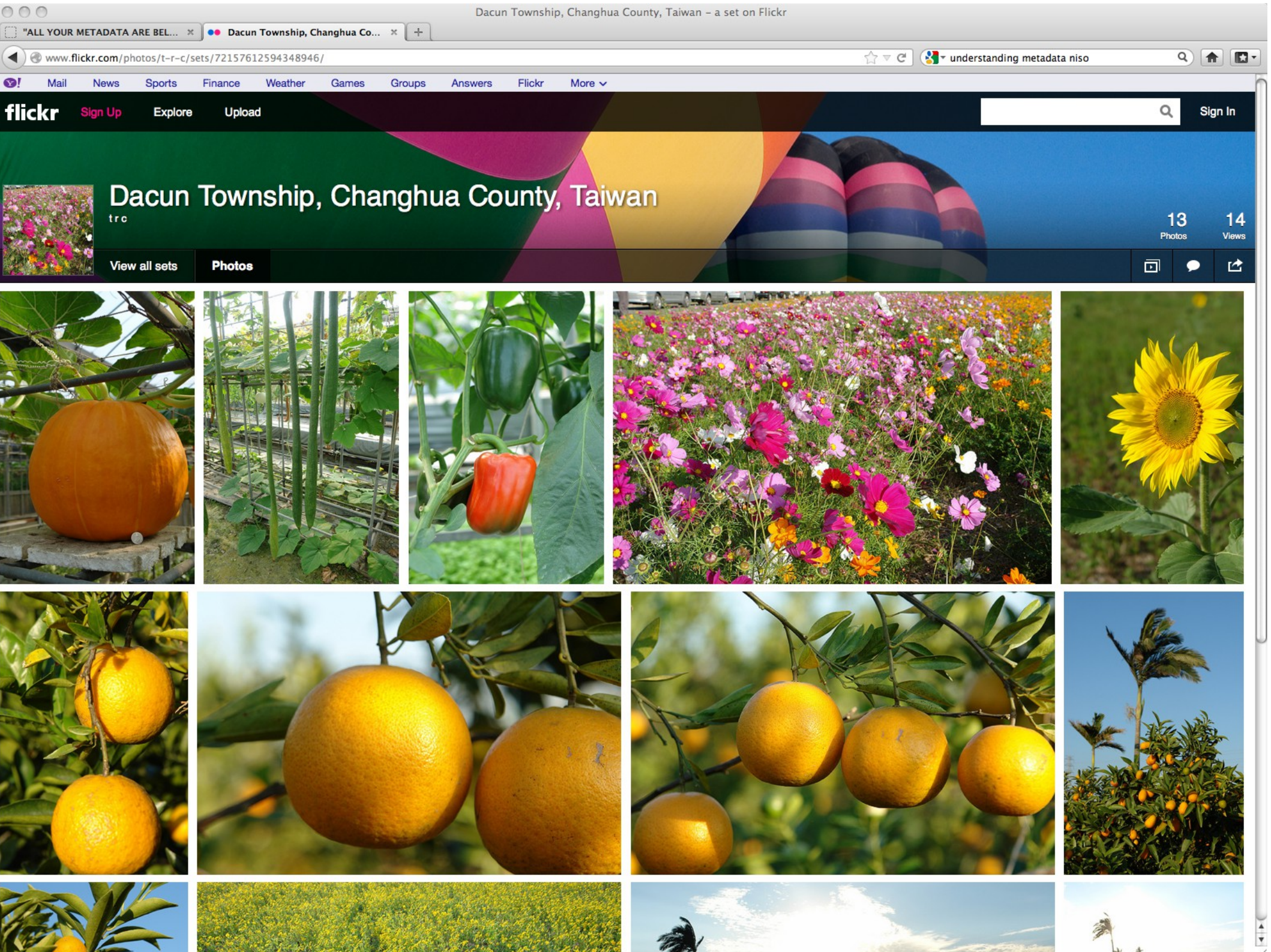
後設資料 – 關於資料的資料

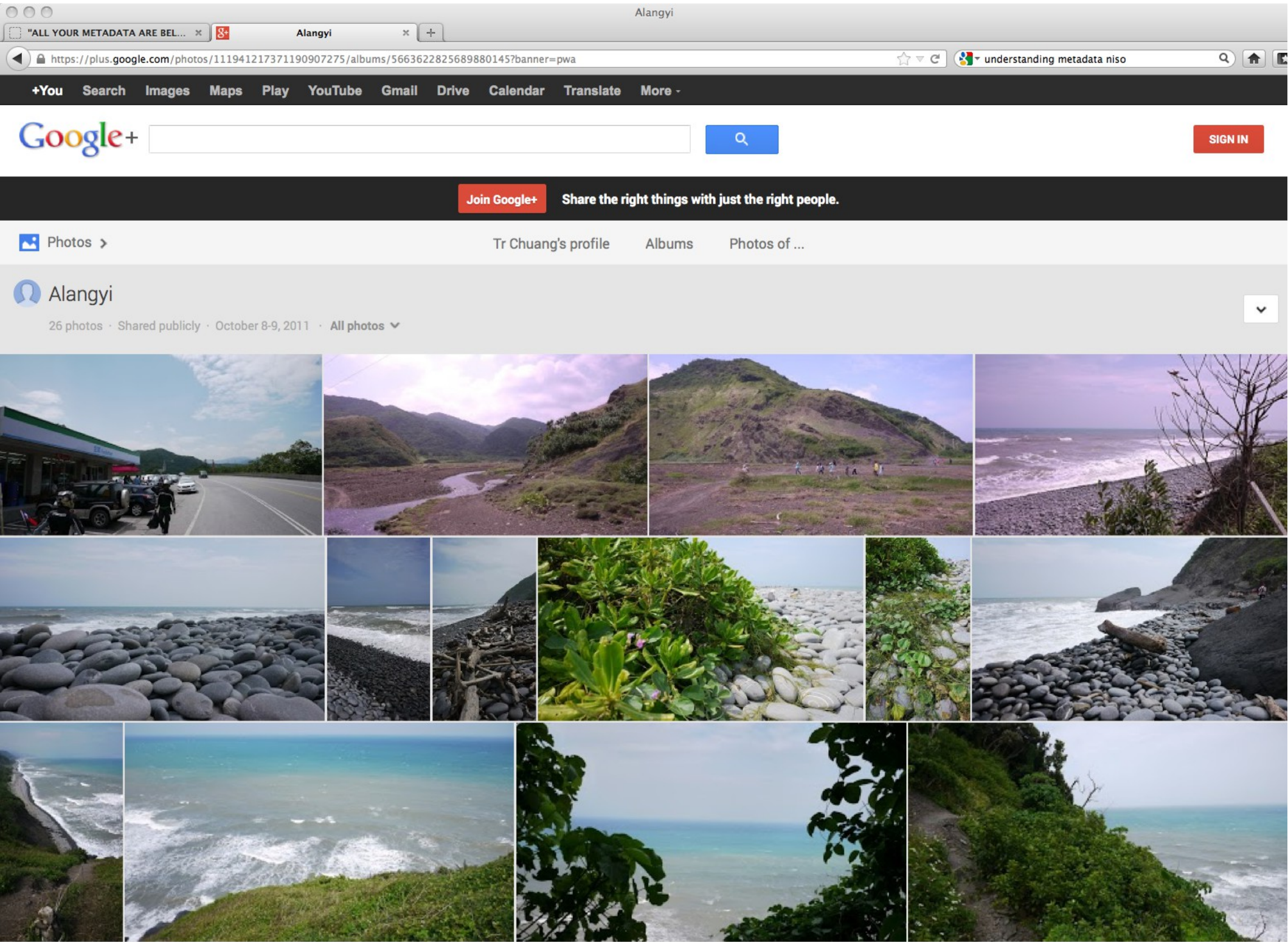
Metadata – Data about Data

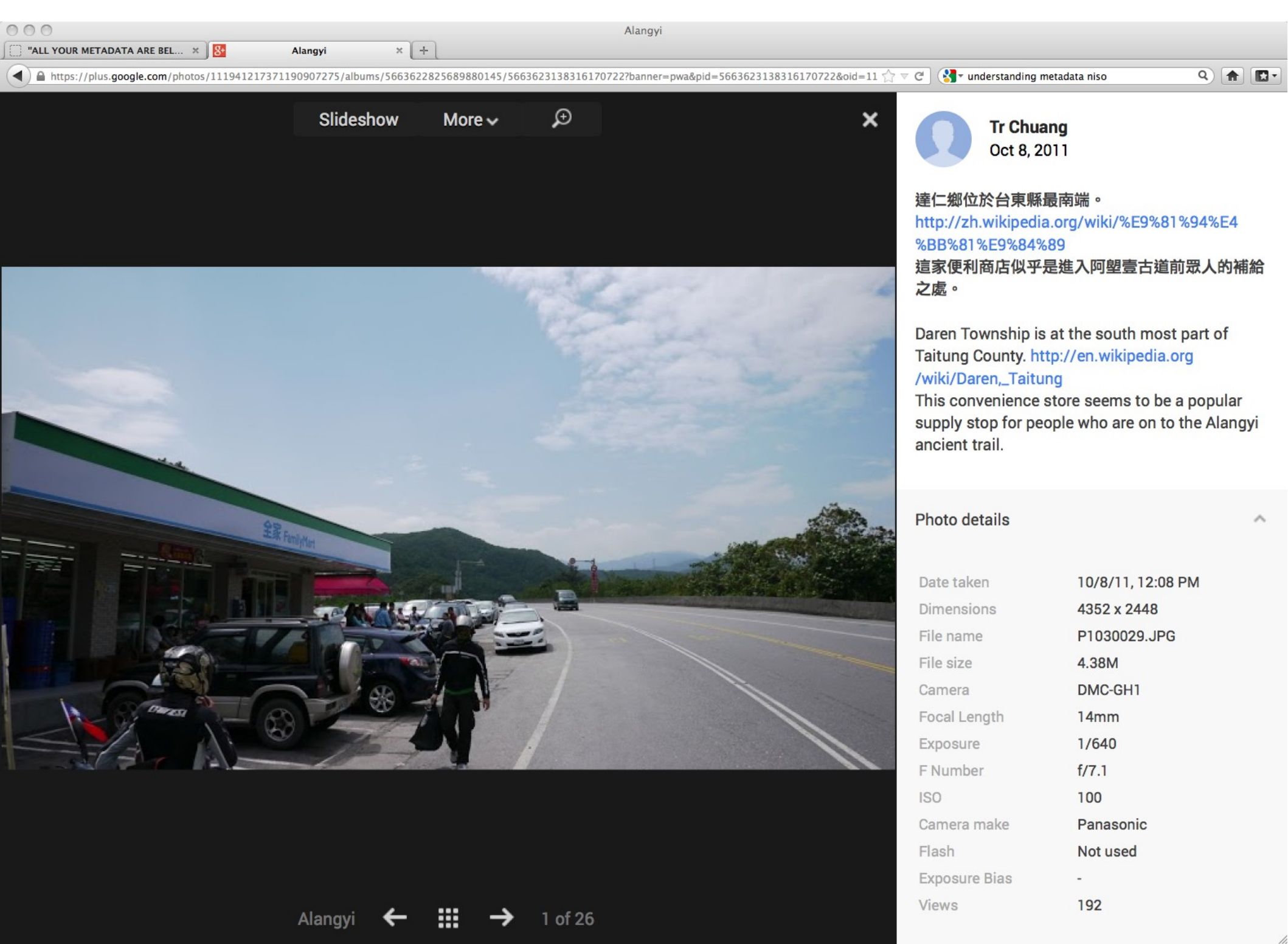
- Descriptive metadata 描述性後設資料
 - 作者、作品名、摘要、關鍵詞等。
- Structural metadata 結構性後設資料
 - 章節編排、套件組成等。
- Administrative metadata 管理性後設資料
 - 檔案型態、著作權、使用權限、取得以及保存方式等。

您的後設資料都放在哪裡？

Where do you put your metadata?







Slideshow

More



Tr Chuang

Oct 8, 2011

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塹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.

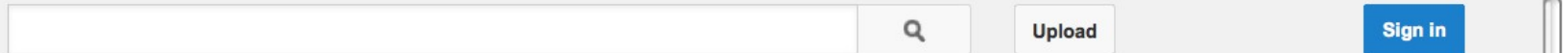
Photo details

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

Alangyi



1 of 26



- Sign in >**



543

- 198 views 8 months ago

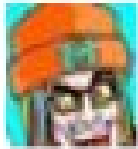
2,059 views 8 months ago

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您的後設資料安全嗎？

Is your metadata safe?

Conversation started April 20, 2011



朱鈞信

莊老師!!

莊老師!!

對於這個...您有啥指示....

Pigheadskin's video collections at
YouTube all gone.

Account terminated!

4:24pm

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

<http://iservice.libertytimes.com.tw/liveNews/news.php?no=485838&type=%E7%A7%91%E6%8A%80>

YouTube Copyright School

<http://www.youtube.com/watch?v=lnzDjH1-9Ns>

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>)

Jeffrey's Exif viewer

Jeffrey's Exif viewer

regex.info/exif.cgi?url=http%3A%2F%2Fregex.info%2Ffi%2FJF4_034098.jpg

☆ ↻ ↗

Exif Viewer

Q

Home

Fullscreen

☒ From Web

☐ From File

Image URL:

View Image At Url

[CLEAR IMAGE]

35.016262, 135.781677 -> [35.00 135.75] -> ARRAY(0x9da9c38)

Basic Image Information

Artist:	Jeffrey Friedl Address: Kyoto, Kyoto, Japan Contact: jfriedl@yahoo.com , http://regex.info/blog/
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:	Voigtländer 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
File Comment:	http://regex.info/blog/2013-07-25/2290
Date:	June 27, 2013 10:22:36AM (timezone not specified) (1 month, 5 days, 14 hours, 39 minutes, 32 seconds ago, assuming image timezone of 9 hours ahead of GMT)
Location:	Heian Shrine (平安神宮) 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 × 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/i/JF4_034098.jpg

Extracted **256 × 160** 7.0-kilobyte "Composite:ThumbnailImage" JPG
Displayed here at 100% (1/49 the area of the original)



Click image to isolate; click this text to show histogram

Main image displayed here at 25% width (1/16 the area of the original)



Click image to isolate; click this text to show histogram

Jeffrey's Exif Viewer

(help)

Drag this button to your button bar, then while on a page displaying an image, just click the button in the bar to view the image's Exif data

Exif

You also might be interested in these Firefox extensions: Alan Raskin's [Exif Viewer](#), which shows quite a bit of information, and Ted Mielczarek's [FxiF](#), which shows basic data only.

Some of my other stuff
· [My Blog](#) · ["Camera Stuff"](#) · ["Photo Tech"](#)
· [Desktop Backgrounds](#) · [Pretty Photos](#)

Find: comment ☐ Match case Reached end of page, continued from top

Jeffrey's Exif viewer

regex.info/exif.cgi?url=http%3A%2F%2Fregex.info%2F%2F4_034098.jpg

GPS-encoded location: 35° 0' 59"N, 135° 46' 54"E
Map center: 35° 0' 59"N, 135° 46' 54"E

Display area: 1.02 km x 440 m
Distance between: 0 m

Click on map to measure distance from GPS-encoded location

Map Satellite Hybrid

Imagery ©2013 Digital Earth Technology, DigitalGlobe, Map data ©2013 Google, ZENRIN Terms of Use

Here's the full data:

XMP

XMP Toolkit	Image::ExifTool 9.27
Country Code	JP
Creator City	Kyoto
Creator Country	Japan
Creator Region	Kyoto
Creator Work Email	jfriedl@yahoo.com
Creator Work URL	http://regex.info/blog/
Location	Heian Shrine (平安神宮)
Image Number	34519
Lens	Voigtländer 125mm f/2.5

依授權條件搜尋照片 Search by Licensing Conditions

<http://flickrcc.bluemountains.net/>

flickrCC

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SEARCH FOR CC IMAGES ON FLICKR

☒ FOR EDITING ☒ COMMERCIAL

Attribution:

Image: "untitled"
<http://www.flickr.com/photos/84892169@N00/499707631>

Edit image: [in house](#) or using [Picnik](#)



[Square](#) - [Thumbnail](#) - [Small](#) - [Medium](#) - [Large](#) - [Original](#)



click on a thumbnail for details (be patient, it may take a few seconds to load)

[- more...](#)

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Done

大家把後設資料都內嵌於檔案吧！

Let's all embed metadata in the files!

[Home](#)[About](#)[Consulting](#)[DMCA Contacts](#)[Stock Letters](#)[Stop Inte](#)

Flickr and Facebook STILL Strip EXIF Data

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

The Flickr logo is displayed in a large, stylized font. The word 'flickr' is in blue, with the 'r' being a vibrant pink. A small 'TM' trademark symbol is positioned to the upper right of the pink 'r'.

In November 2008 I wrote [highlighted how Flickr and Facebook strip out EXIF data in images](#)

comment to that post

您的（內嵌）後設資料？抱歉，平台是我家的！

Your (embedded) metadata? To bad, I run the services.

<http://www.embeddedmetadata.org/social-media-test-results.php>

Embedded Metadata Initiative

Embedded Metadata Initiative

www.embeddedmetadata.org/social-media-test-results.php

EXIF data when photos are uploaded?

Social Media sites: photo metadata test results

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.

Social Media site/system	Summary	Displays correctly?		Displays 4Cs?	Save As embedded?			Download embedded?		
500px - www.500px.com Tested in March 2013	Most relevant fields shown, copyright was overridden, in downloaded file we only found Exif metadata. Save As is disabled.									
Dropbox - www.dropbox.com Tested in March 2013	No metadata shown, all embedded fields are preserved in the image files.									
Facebook - www.facebook.com Tested in June 2013	Metadata not shown anymore, all embedded metadata stripped-off from image files.									
Flickr FREE account- www.flickr.com Tested in June 2013 (PRO account may show other results)	A few metadata fiields shown, 'by' was overridden, for any downscaled rendition all embedded metadata are stripped-off from image files, only the Original rendition keeps all metadata.									
Google+ - plus.google.com Tested in March 2013	Primarily Exif metadata shown, all embedded fields are preserved.									

您能怎麼辦？

What Can You Do?

WIKIPEDIA

English

The Free Encyclopedia
4 000 000+ articles

日本語

フリー百科事典
815 000+ 記事

Español

La enciclopedia libre
900 000+ artículos

Русский

Свободная энциклопедия
875 000+ статей

Italiano

L'enciclopedia libera
939 000+ voci

Português

A enciclopédia livre
742 000+ artigos

Deutsch

Die freie Enzyklopädie
1 430 000+ Artikel

Français

L'encyclopédie libre
1 270 000+ articles

Polski

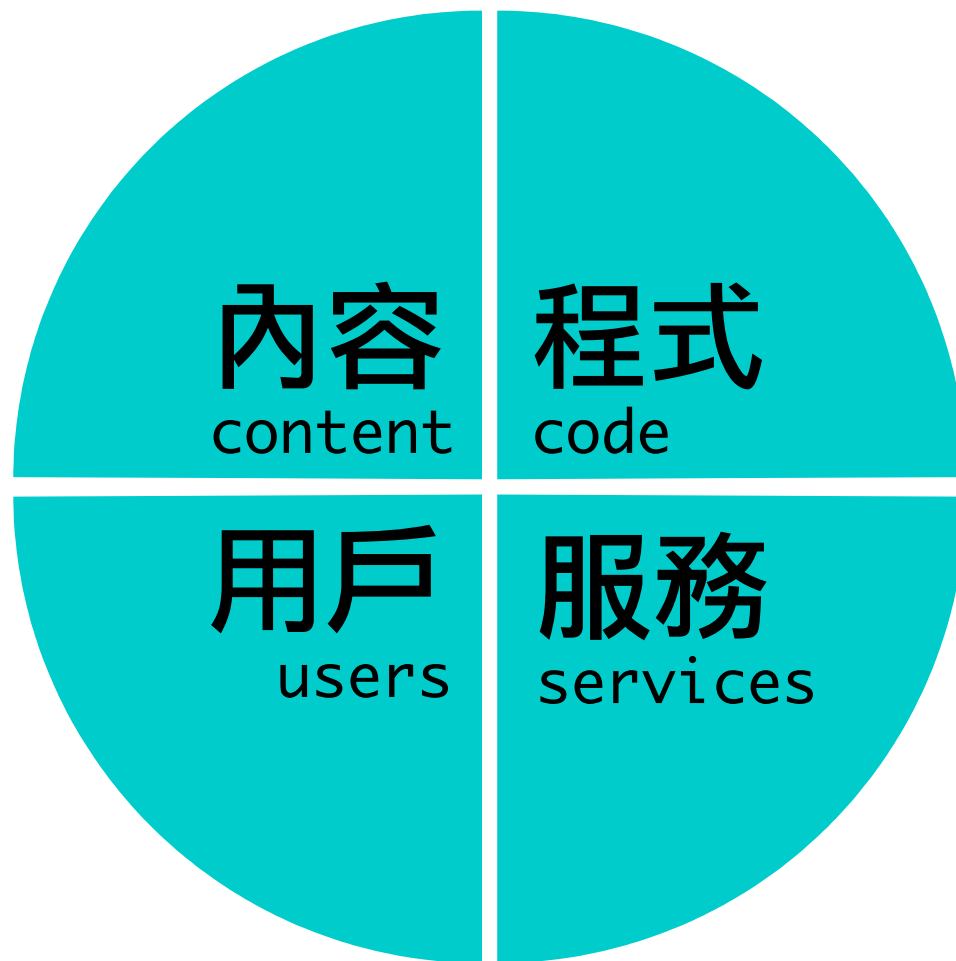
Wolna encyklopedia
908 000+ haseł



中文

自由的百科全書
500 000+ 條目

Search · Suchen · Rechercher · Zoeken · Ricerca · Szukaj · **Buscar** · Поиск · 検索 ·
Busca · Sök · 搜尋 · Tìm kiếm · Пошук · Cerca · Søk · Haku · Hledání · Keresés · 찾기 · Cari ·
Ara · جستجو · Căutare · بحث · H'adat' · Søg · Serçu · Претрага · Paieška · Poišči · **Cari** · חיפוש ·
Търсене · Izdey · **Bilatu** · Suk · Bilnga · Traži · खोजें





content 內容

程式 code

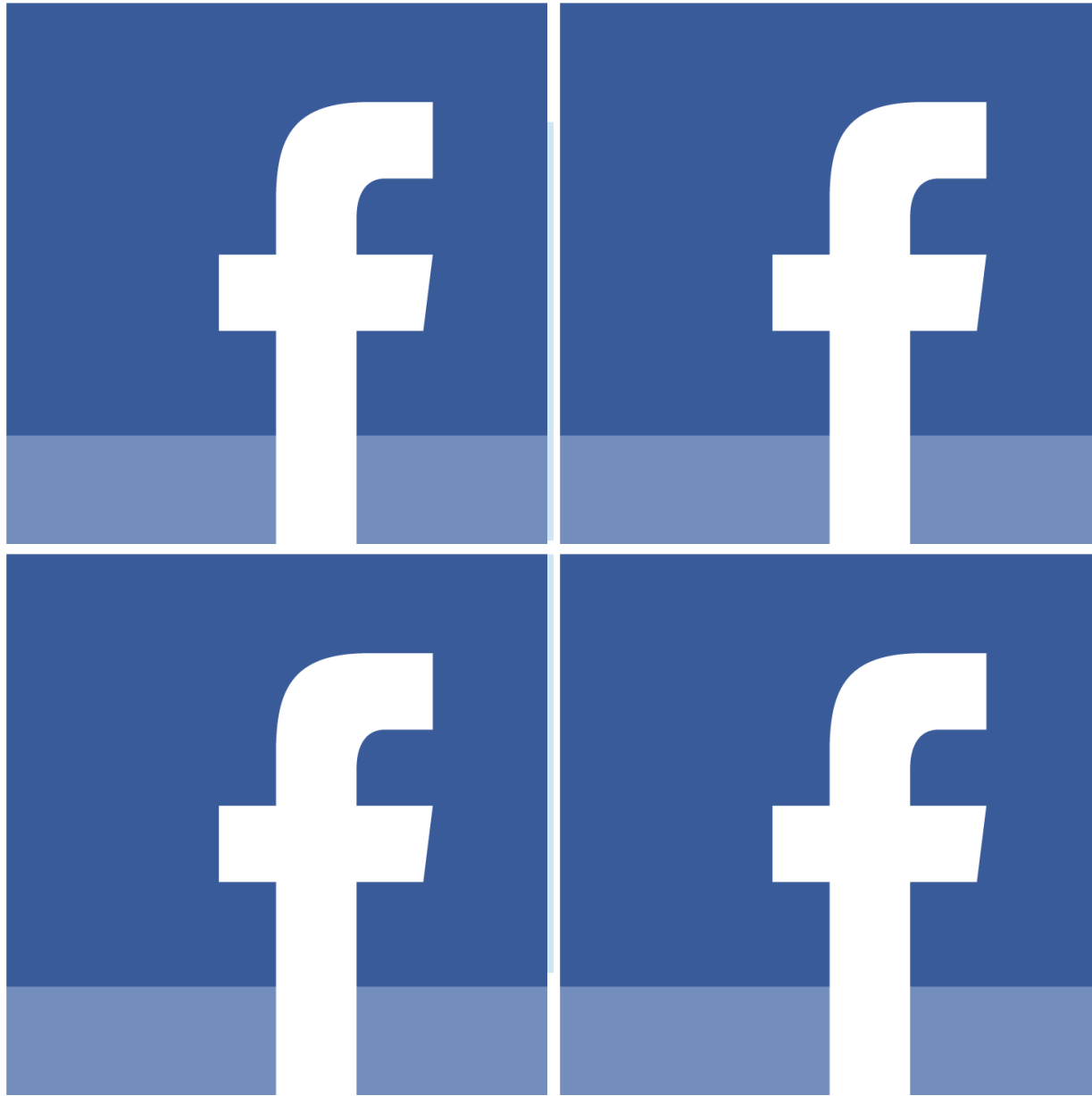
users 用戶

服務 services



WIKIMEDIA
FOUNDATION





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>



content 內容



程式 code

users 用戶

服務 services



管理照片及後設資料的軟體

Packages for Managing Photos & Metadata



- Shotwell
 - <http://www.yorba.org/projects/shotwell/>
 - Photo (& metadata) organizer for the GNOME desktop
 - publish photos to Facebook, Flickr, YouTube, etc.



- GNU MediaGoblin
 - <http://mediagoblin.org/>
 - a free software media publishing platform
 - a decentralized alternative to Flickr, YouTube, etc.

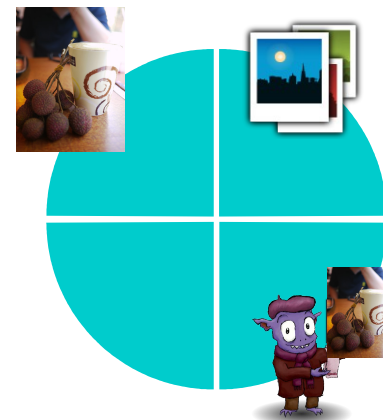
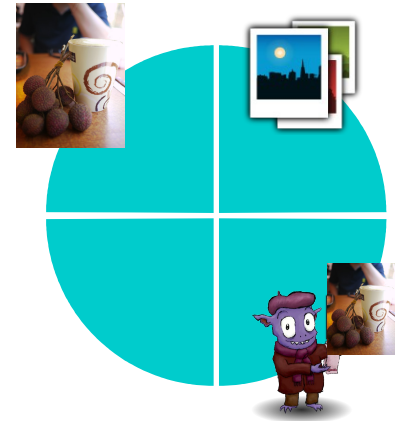
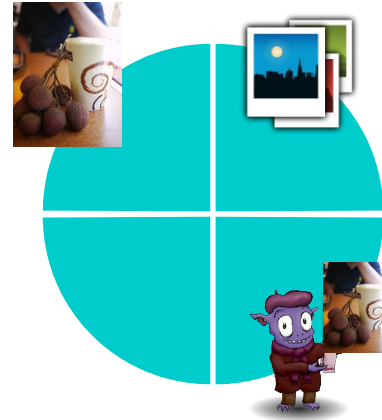


content 內容

程式 code

users 用戶

服務 services





**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”？

the **guardian**[News](#) | [Sport](#) | [Comment](#) | [Culture](#) | [Business](#) | [Money](#) | [Life & style](#) | [Travel](#) | [Environment](#)[News](#) > [World news](#) > [US national security](#)Series: [Glenn Greenwald on security and liberty](#)[Previous](#) | [Next](#) | [Index](#)

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](#)

[Follow Glenn Greenwald by email](#)**BETA****Glenn Greenwald**

The Guardian, Thursday 6 June 2013

[Jump to comments \(2511\)](#)

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34



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2



+1 4.4k



Share

1



Email

[Article history](#)

“... 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. ...”

Glenn Greenwald, The Guardian, Thursday 6 June 2013.

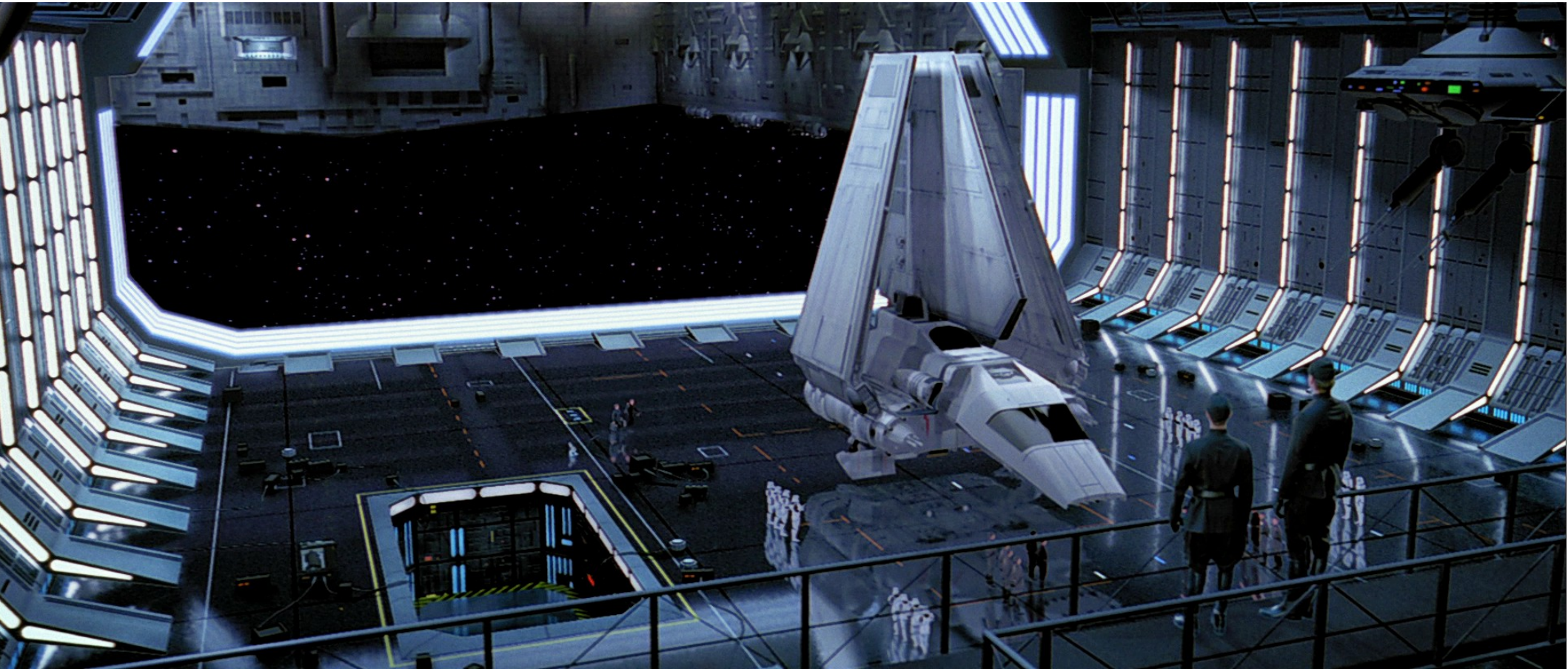
附註：5月31日我將講題與摘要交給 COSCUP 2013 議程組。英國衛報6月6日報導，美國 NSA 從電信廠商 Verizon 處取得其用戶的大量通訊後設資料。這份簡報不在評論相關新聞事件，不過這些議題是高度相關的。

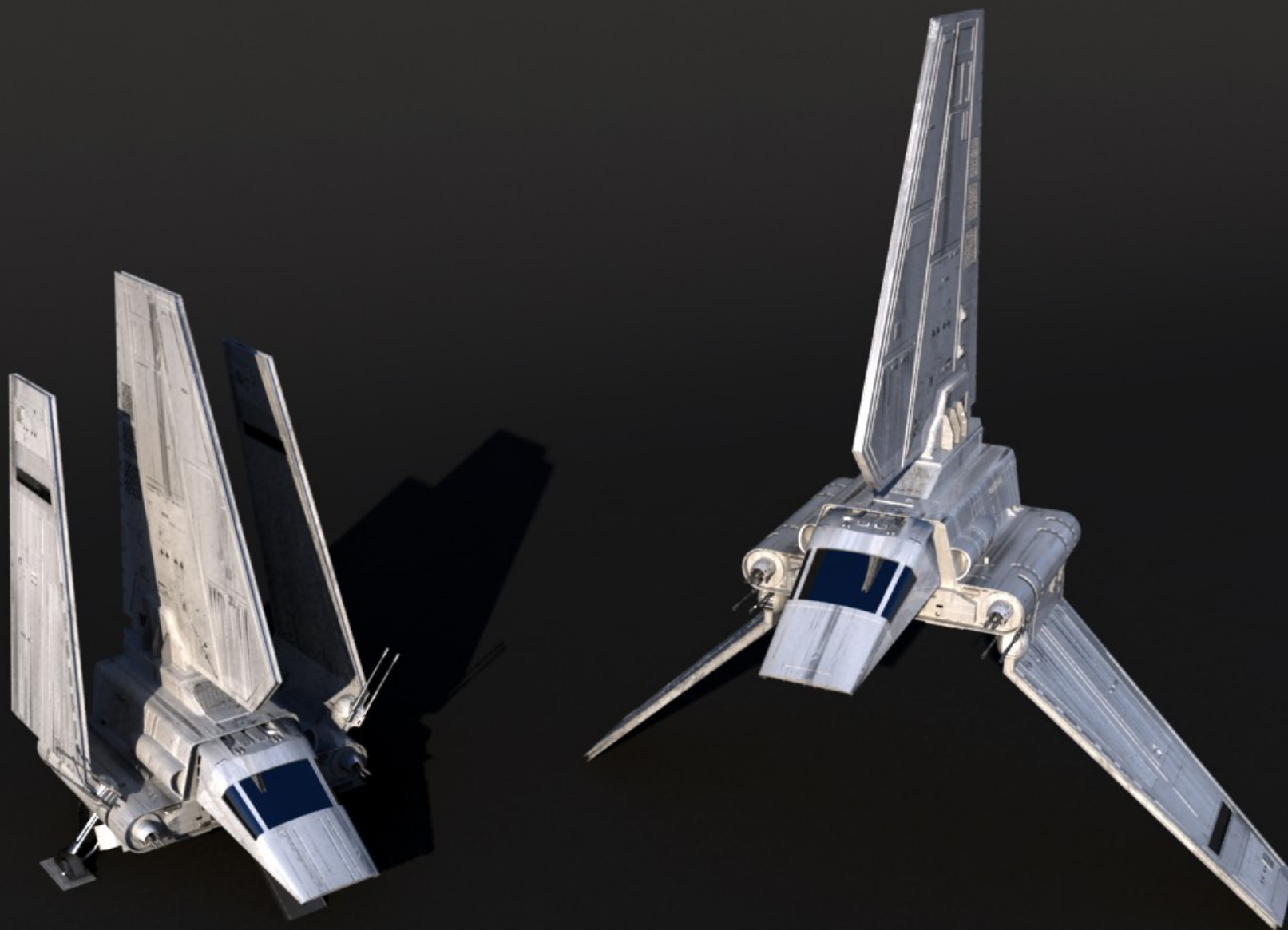
Note: I gave the title and abstract of my talk to COSCUP 2013 program committee on May 31. On June 6, the Guardian reported on US NSA getting massive telephony metadata from Verizon about its customers. This talk is not a commentary on the related news events; however, these issues are highly related.

舊瓶新酒

what is old is new again

Imperial *Lambda*-class shuttle





STAR WARS

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
<http://www.plagiarismtoday.com/2010/04/22/flickr-and-facebook-still-strip-exif-data/>

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!)