# 如何安裝與使用離線線基軟體

上官良治 20150526@台北醫學大學

# 講義目錄

- 互相認識、了解需求
- 離線維基軟體(一) Wikipedia For Schools
- 離線維基軟體(二)Kiwix
- 現場實測,解決安裝問題
- 後續行動與參考文獻

### 上官良治

中華民國維基媒體協會 User:shangkuanlc shangkuanlc@gmail.com



# 請問你是

- 怎麼稱呼
- 維基的使用經驗
- 想要去柬埔寨教/學到什麼?

### Information專案的目標

- 在不用額外費用(如通信、網路費)就可以獲得教育 資源。
- 提供當地老師多樣的學習參考資源,包含文字與多媒體。
- 學習資源的內容會定期更新,讓老師們若在下次可自 行上網得到最新內容。

# 今日學習目標

- 了解兩種離線維基百科的的安裝方法
- 了解兩種離線維基百科的操作方式
- 對維基百科的社群文化和編輯規範有簡單的認識

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- 現場安裝問題
- 後續行動與參考文獻

# 離線維基維基的

- 維基百科校園版,2013年推出 更新版,以隨身碟作為主要載 具。
- 共容納2000萬字和34,000張圖像,相當於一本普通百科全書的20倍內容。
- 根據英國國家課程設置分類, 例如藝術、公民教育、地理、 數學等等,收納5,500餘條可在 學校教授、令兒童特別感興趣 的條目。



https://zh.wikipedia.org/wiki/維基百科校園版

# 安裝方式

- 透過網路用BT種子下載
  - 需花時間3小時~2天不等(視種源多寡而定)
- 直接從別人已下載好的檔案安裝
  - 需花時間3~30分鐘(視用第幾代USB而定)

# 透過網路

schools-wikipedia.org



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#### Subjects

Art

**Business Studies** 

Citizenship

Countries

Design and Technology

Everyday life

Geography

History

Information Technology Language and literature

Mathematics

Music

People

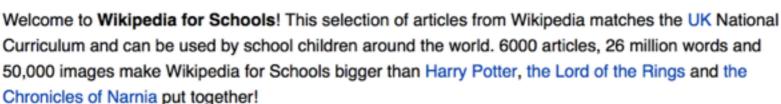
Portals

Religion Science

Title Word Index



### Wikipedia for Schools



Wikipedia is great, but it wasn't designed with the National Curriculum in mind. And because anyone can edit it, articles sometimes get vandalised. That's why we've put together this special collection to make learning as easy and safe as it can be. Here at SOS Children, we've checked all the articles, tidied them up a bit, and put them together by school subject.

SOS Children ( www.soschildrensvillages.org.uk) is a charity which works around the world to help children in need. As well as Wikipedia articles, we've collected pages from the SOS Children website, so you can learn more about the work we do in 125 countries around the world.

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#### **How to Navigate**

You can find an article by clicking on the school subject on the left of the screen. You can also choose from a list of all articles by clicking on Title Word Index.

Wikipedia for Schools also includes Portal

### Vikipedia idi Scribbis





#### How the content was selected and checked

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### 透過網路





www.sos-schools.org/wikipedia-for-schools













download it using a BitTorrent Client (more details in the next section). A host of articles have been reviewed to include up-to-date information, new pages added and the whole package given a visual overhaul to improve the look and feel. We are very excited about the new version and we hope you like it as much as we do!

#### **Accessing Wikipedia for Schools**

You can access Wikipedia for Schools in three ways:

- You can browse the online version at http://schools-wikipedia.org.
- If your schools' internet connection or internet access policy is limited, you can download a copy to use offline on your school intranet. Please see below for instructions.
- · SOS Children is preparing offline copies of Wikipedia for Schools on USB memory sticks if your school isn't able to get online at all. Please get in touch if you would like one.

#### **Full Download**

The full Wikipedia for Schools 2013 edition is available to download via BitTorrent. You can use our torrent file:

wikipedia-schools.tar.gz.torrent

If you don't have a BitTorrent client, we recommend qBittorrent. Use Google to find their website. We have more detailed instructions for downloading Schools Wikipedia using BitTorrent.



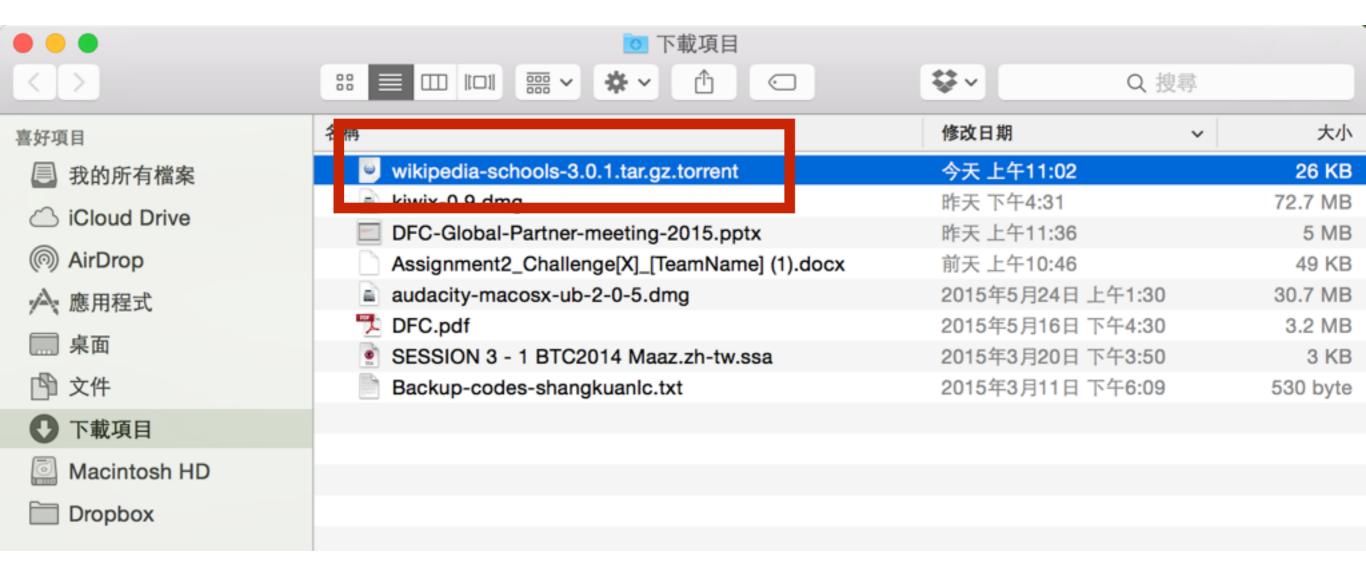
#### A brief history of Wikipedia for Schools

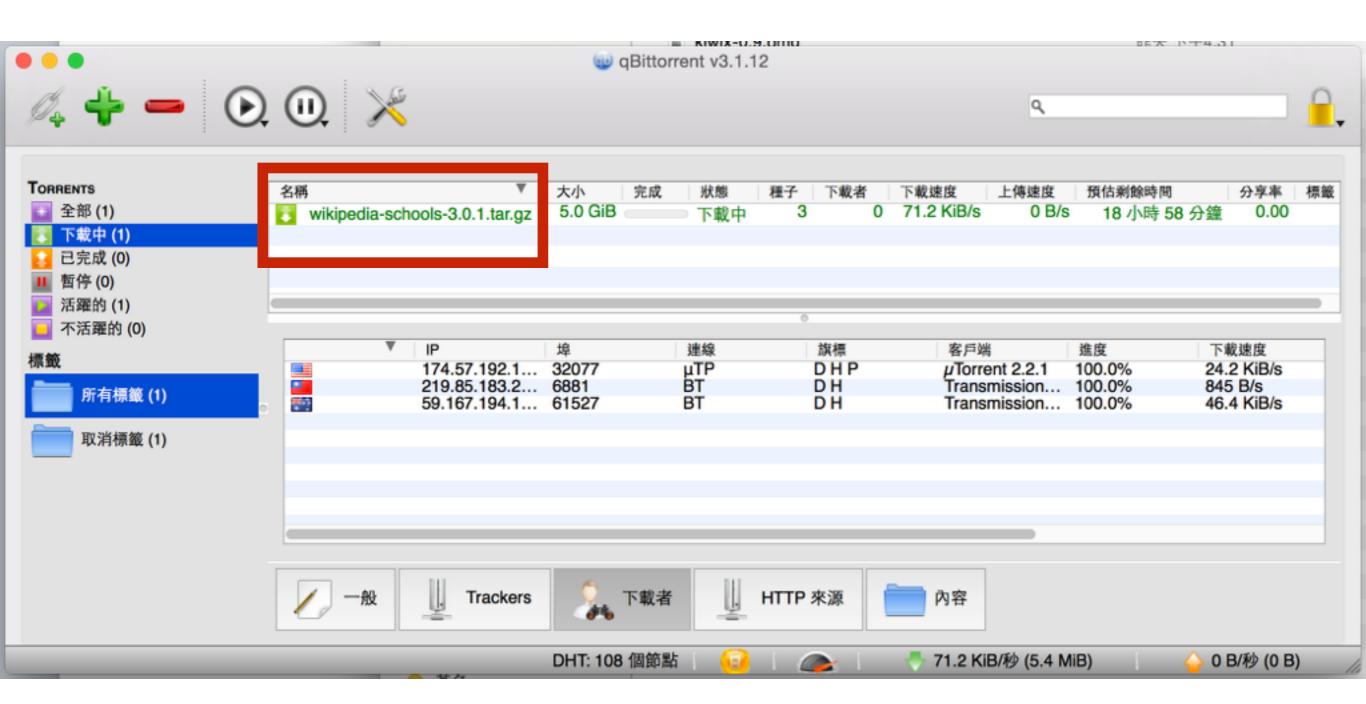
SOS Children began work on Wikipedia for Schools in 2005. We wanted to make articles from Wikipedia available freely for use in schools and educational projects across the developing world, where internet access is often non-existent.

In April 2006, the first edition was released onto CD as "A World of Learning, and shipped to schools in developing countries by SOS Children and others. SOS Children bore most of the production and distribution costs, although some of the distribution was funded by other charities such as the Shuttleworth Foundation in South Africa. At the time, Wikipedia was not available in offline, making Wikipedia for Schools uniquely positioned to provide a vital learning resource to children across the developing world.

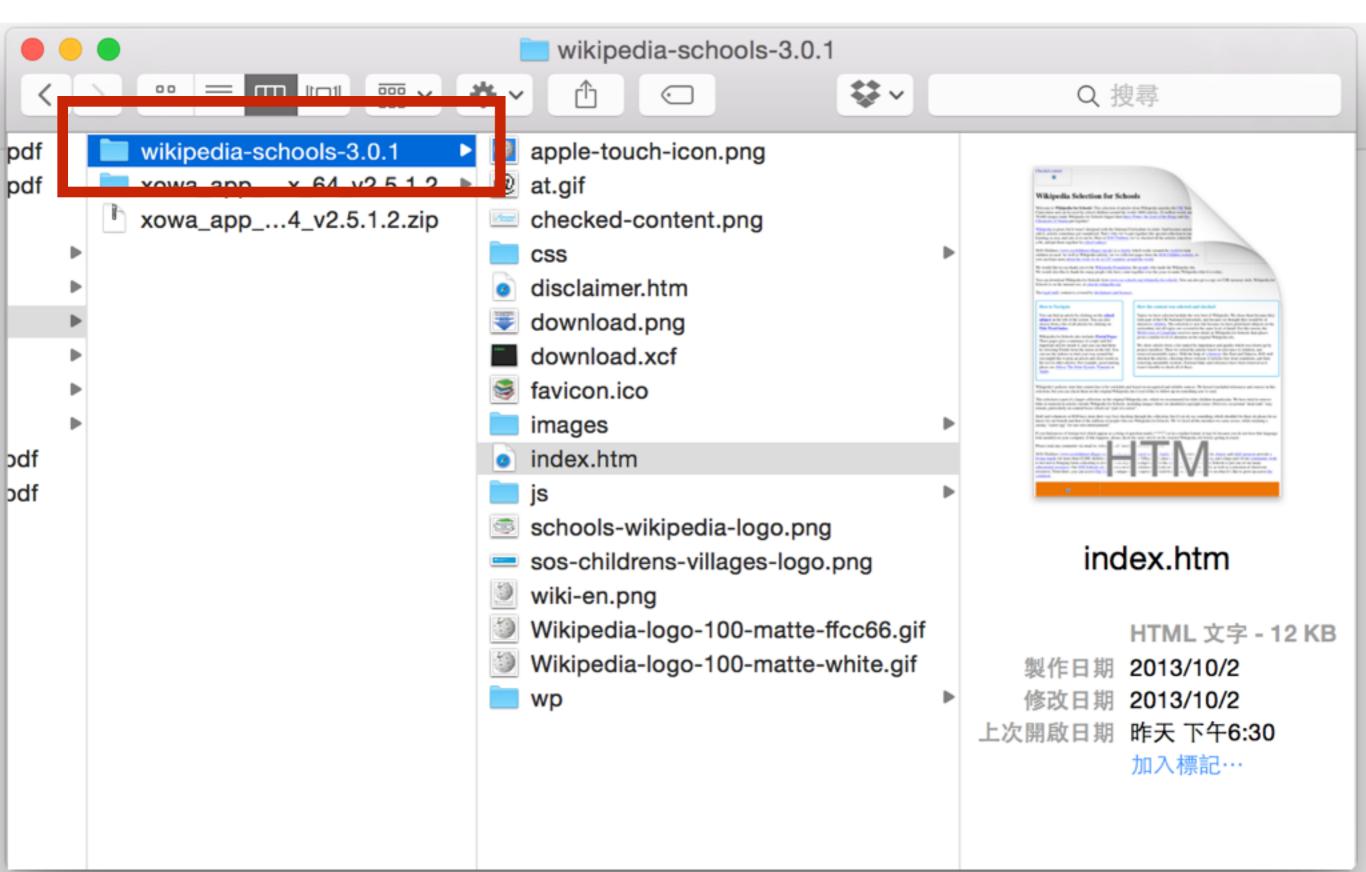
In November 2006, the Wikimedia Foundation endorsed the project, and a year after the project's first release, it was relaunched as "Wikipedia for Schools" and moved to www.schools-wikipedia.org. Ever since, we have continued to enjoy the support of WMF.

In 2006, "A World of Learning" fitted onto CD-ROM, with 2006 pages of text and

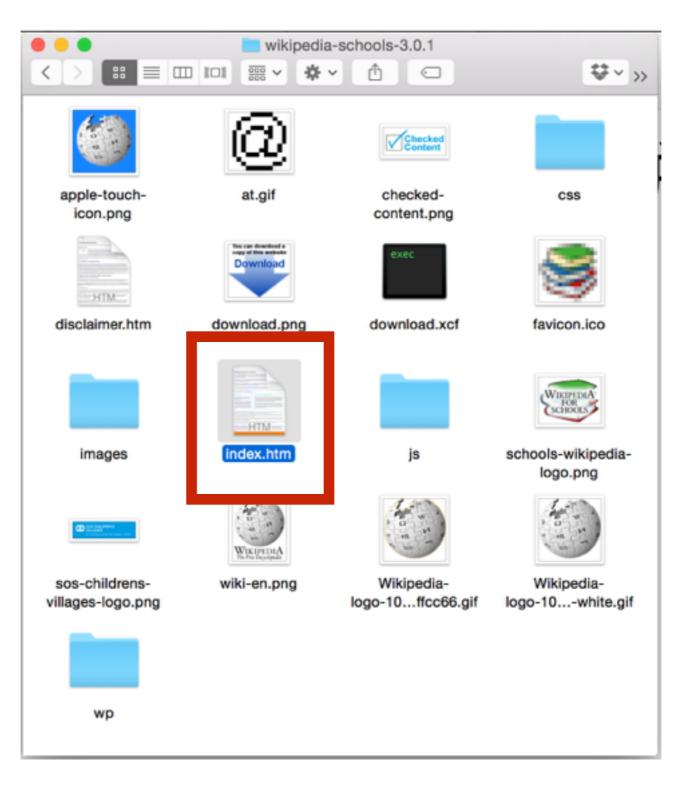




# 複製下載資料



# 介面操作方式









Checked





#### Subjects

**Business Studies** 

Citizenship

Countries

Design and Technology

Everyday life

Geography

History

Information Technology Language and literature

Mathematics

Music

People

**Portals** 

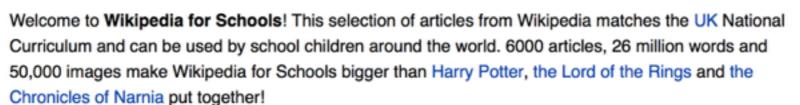
Religion Science

#### Title Word Index

You can download a copy of this website



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Countries
Design and Technology
Everyday life
Geography

History Information Technology Language and literature

Mathematics Music

> People Portals

Religion

Science

Title Word Index

### Subject Index



SOS Children produced this website for schools as well as this video website about Africa. All children available for child sponsorship from SOS Children are looked after in a family home by the charity. Read more...

There are 5500 articles, some of which have been listed under several subjects. The general principle has been that this subject index should be helpful rather than categorising. So for example we have still listed Pluto in the category of planets even though it is not considered a planet any more and Russia as a country has been included in both Europe and Asia. We have often listed people both in the biographies (of which there are 850) but also under the area of study for which they were famous. If you struggle to find a particular article we suggest you try the title index which includes every word of the title of every article (including alternative titles, so Pyrites are listed under Pyrites, Fool and Gold). Most topics related to the natural world, including a lot of information on birds, plants, dinosaurs, medicine, insects and so on are under Science / Biology. This classification was done by hand so please report errors. In our first version in 2005 we found a helpful volunteer had

#### classified Brussels as a vegetable!



Art



**Business Studies** 



Citizenship



Countries



Design and Technology

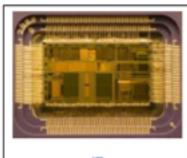


Everyday life



Geography





IT



Language and literature















#### Subjects

Art

**Business Studies** 

Citizenship

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Religion Science

Title Word Index

### Subject Index / Everyday life



#### Background Information

This Wikipedia selection is available offline from SOS Children for distribution in the developing world. SOS Children is the world's largest charity giving orphaned and abandoned children the chance of family life.



Everyday life is a very broad collection of interesting topics which are generally not included in schools curricula per sae. Examples are articles on Films or Television programs, articles about sports or sports teams, articles about food types and articles about other recreation.





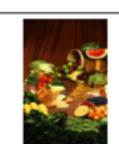




Drink



Films



Food



Games



Recreation



Sports



Sports events



Sports teams

Apricot

Illicium verum

Lemon











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**Title Word Index** 

### Subject Index /Everyday life / Food



### Background to the schools Wikipedia

SOS Children offer a complete download of this selection for schools for use on schools intranets. With SOS Children you can choose to sponsor children in over a hundred countries

Almond

Fruit

Juniper berry



Aimond	Apple	Apricot
Asparagus	Avocado	Banana
Barley	Basil	Bean
Beef	Beet	Black pepper
Bran	Bread	Butter
Carrot	Celery	Cheese
Chicken	Chives	Chocolate
Citrus	Cocoa bean	Coconut
Coconut oil	Common Pheasant	Coriander
Corn oil	Dietary fiber	Durian
Egg (food)	Fatty acid	Fennel
Foie gras	Food	Food energy

Apple

Honey

Kaffir lime









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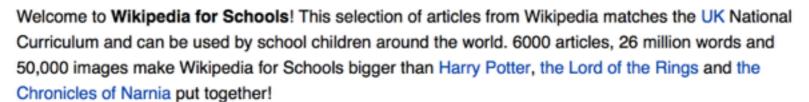
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**Title Word Index** 

#### Title Word Index





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

To find a word in the index, click the first letter of the word in the top row of letters and (if required) the second letter of the word in the second row.

file:///Volumes/Transcend/Wikimedia%202015/Offline%20Wiki/wikipedia-schools-

The index includes words from all article titles included in the selection and words from any redirects which point to those articles. If an article is listed against a word which is not in it's title, then there is a redirect on the English Wikipedia with the word in which points to the article. You can hover your mouse over the article title to see the redirect that caused that index entry.









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### Title Word Index: A



#### Subjects

а

Art

**Business Studies** 

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Countries

Design and Technology

Everyday life

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History

Information Technology

Language and literature

Mathematics

Music

People

Portals

Religion

Science
Title Word Index

### A B C D E F G H I J K L M N O P O R S T U V W X Y Z Others a b c d e f g h i j k l m n p q r s t u v w x y z

2000 A. E. J. Collins ABO blood gro	up system Al	K-47 AT&T	ATLAS experiment	A Christmas Carol	A Tale of a Tub
A Wrinkle in Time Abraham Lincoln	Adam Smith	Addis Ababa	Afghanistan Airb	us A380 Alan Turing	Albert Einstein
Alberto Santos-Dumont Albrecht Dürer	Aleksandr Vas	silevsky Alex	ander Fleming Ale	exander Pushkin Allo	saurus
American Samoa Andrew Carnegie	Andrew Jackson	Andrew John	nson Anna Laetitia	a Barbauld Anno Don	nini
Antoine Lavoisier Antonio Vivaldi Ar	thur Percival	Arthur Schopenh	auer Arthur Sulliv	an Aspirin Attacl	k on Pearl Harbor
Attention deficit hyperactivity disorder A	uguste Rodin	Axe Blood ty	pe Canaletto	Cat Clarinet Co	mmon cold
Consolation of Philosophy Das Kapital	Dog Engli	ish grammar	Frog Galileo Galil	ei Game George	W. Bush
HIV/AIDS Harold Wilson Hexadecin	nal Human	Infinite monkey	theorem Influenz	a A virus subtype H5N1	Iraq
Kubla Khan Lava Noam Chomsky	Nuclear weap	on Oat C	Odyssey Organism	n Peanut Pope	Rabbit
Rainbow Richard III (play) Russell (	Crowe Sesam	ne Street Soil	horizon Star War	s T-34 The Catc	her in the Rye
The Hitchhiker's Guide to the Galaxy Th	e Merchant of Ver	nice The Sim	psons The Waste	Land	
The Young Person's Guide to the Orchestra	Theatre	Three Laws of Ro	botics Toy Story		
_					

a+ Blood type a- Blood type

a01ab02 Hydrogen peroxide

a01ad05 Aspirin a02aa05 Talc

a02ac01 Calcium carbonate

a06ac07 Wheat

a06ad13 Sodium sulfate a09ab03 Hydrochloric acid

a1 Bronze Age Comet Retinol Soil horizon

M25 motorway

a11ca01 Retinol a11da01 Thiamine

a282

a12aa04 Calcium carbonate
a12aa07 Calcium chloride
a12ca01 Sodium chloride
a12ca02 Sodium sulfate
a2 Pythagorean theorem
a2 Pythagorean theorem





Subjects

**Business Studies** Citizenship Countries Design and Technology Everyday life Geography History Information Technology Language and literature Mathematics Music People Portals Religion Science

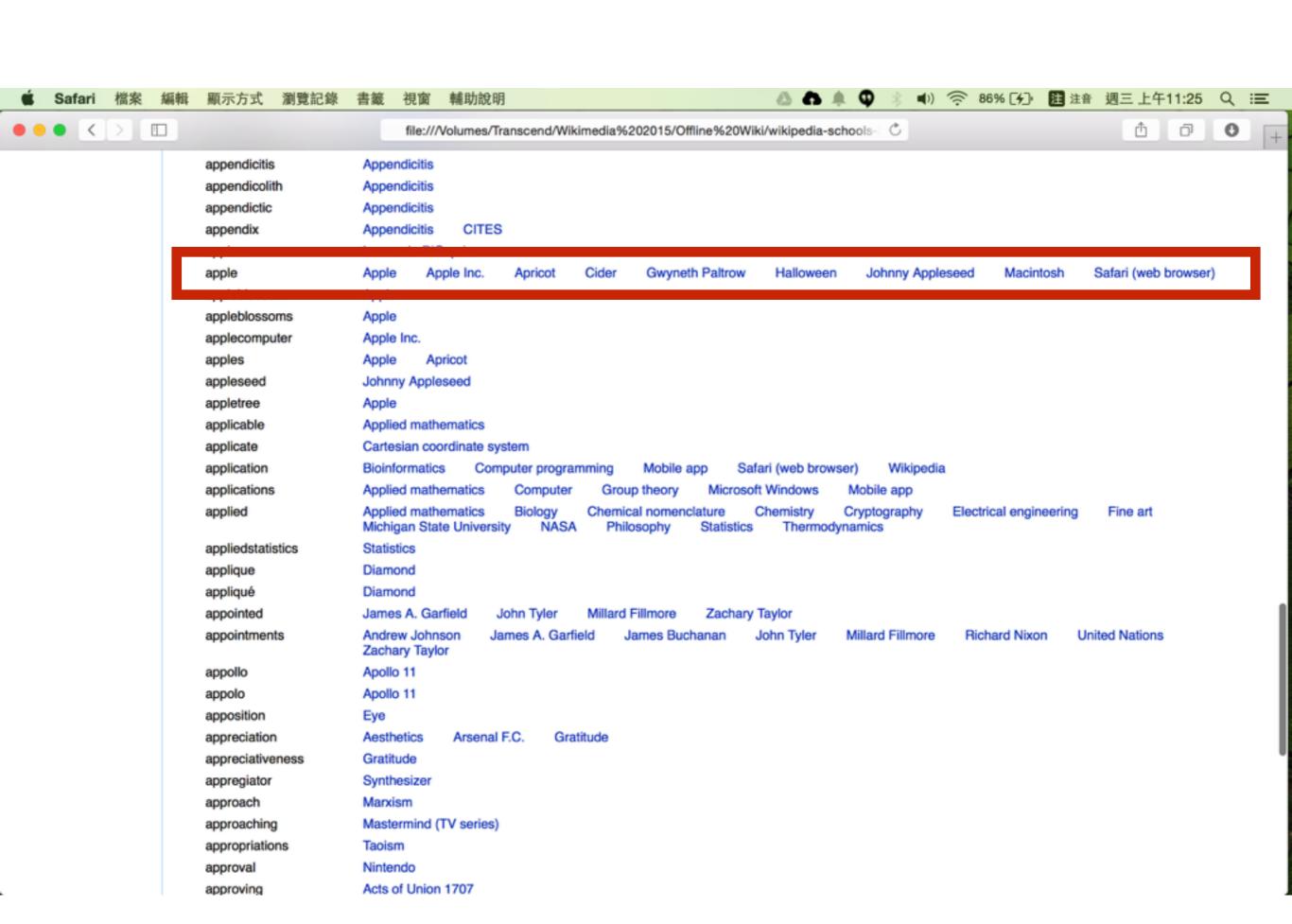
**Title Word Index** 

### Title Word Index : Ap



#### 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 Others 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

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apartied	Apartheid in	Apartheid in South Africa								
apartite	Apartheid in South Africa									
apartments	Buckingham Palace									
apatheid	Apartheid in South Africa									
apatosaur	Apatosaurus									
apatosaurus	Apatosaurus									
ape	Ape Bar	rbary macaque	Human							
apellon	Apollo									
apellön	Apollo									



# 未來請柬埔寨維基人?

 參考SOS兒童之家的收錄標準,印度有維基編輯擴建 了供印度高中使用的維基百科

https://en.wikipedia.org/wiki/Wikipedia:WikiProject\_Offline\_Wikipedia\_for\_Indian\_Schools/Offline\_Full

# 相關條目,找找看

- 服飾
- 傳統飲食
- 水果
- 最喜愛的食物
- 動物
- 職業

# 相關條目,找找看

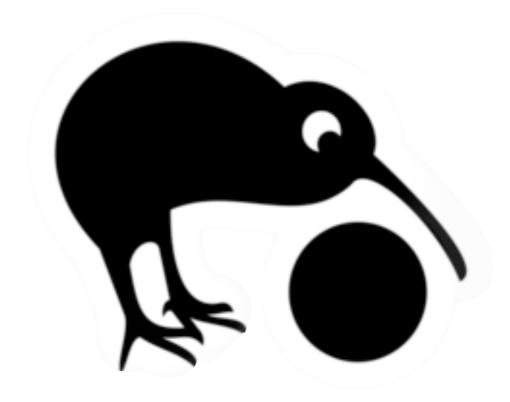
- 服飾 clothing
- 傳統飲食 Food
- 水果 Food
- 最喜愛的食物 Food
- 動物
- 職業

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### 離線維基 Kiwix

- 維基百科的內容以壓縮形式存 儲在zim格式的文件中
- Kiwix可以讀取此類文件以幫助 在沒有網絡連結的情況下瀏覽 維基百科。
- 有Mac、Windows、Linux、 Android等多種版本。



### 登入 www.kiwix.org/wiki/Main\_Page



#### Other (than English) languages...



Kiwix is an offline reader for web content. It's software intended to make Wikipedia available without using the internet, but it is potentially suitable for all HTML content. Kiwix supports the ZIM format , a highly compressed open format with additional meta-data.

Kiwix is free software €, which means you can freely copy, modify and distribute it.

Kiwix is mostly installed in schools, universities and libraries which can't afford a broadband Internet access. It is much faster than the Internet and also can be used by many institutions to save bandwidth and reader's time. But many people use Kiwix for their own personal purposes, for example, of people suffering from censorship or prisoners.

Kiwix is really easy to use. It provides a range of features which make usage comfortable:

- · Full text search engine
- Bookmarks & Notes
- HTTP server
- PDF/HTML export
- · User interface in more than 100 languages
- Tabs navigation
- Integrated content manager and downloader
- More features...

Kiwix is small and efficient software, usable on lower powered or old computers. It runs on a large range of operating systems, on Android and on the three main PC operating systems: Microsoft Windows, Apple Mac OSX and GNU/Linux distributions.

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Other systems...

More about how to download, install and use Kiwix...

### 點選下載



















Otner systems..



#### Other (than English) languages...



#### What Kiwix is...

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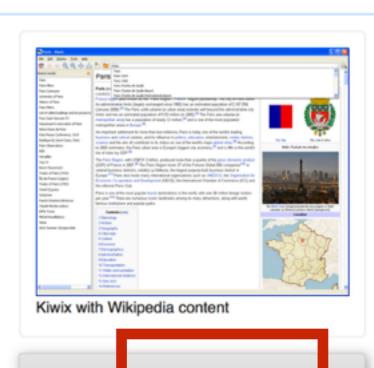
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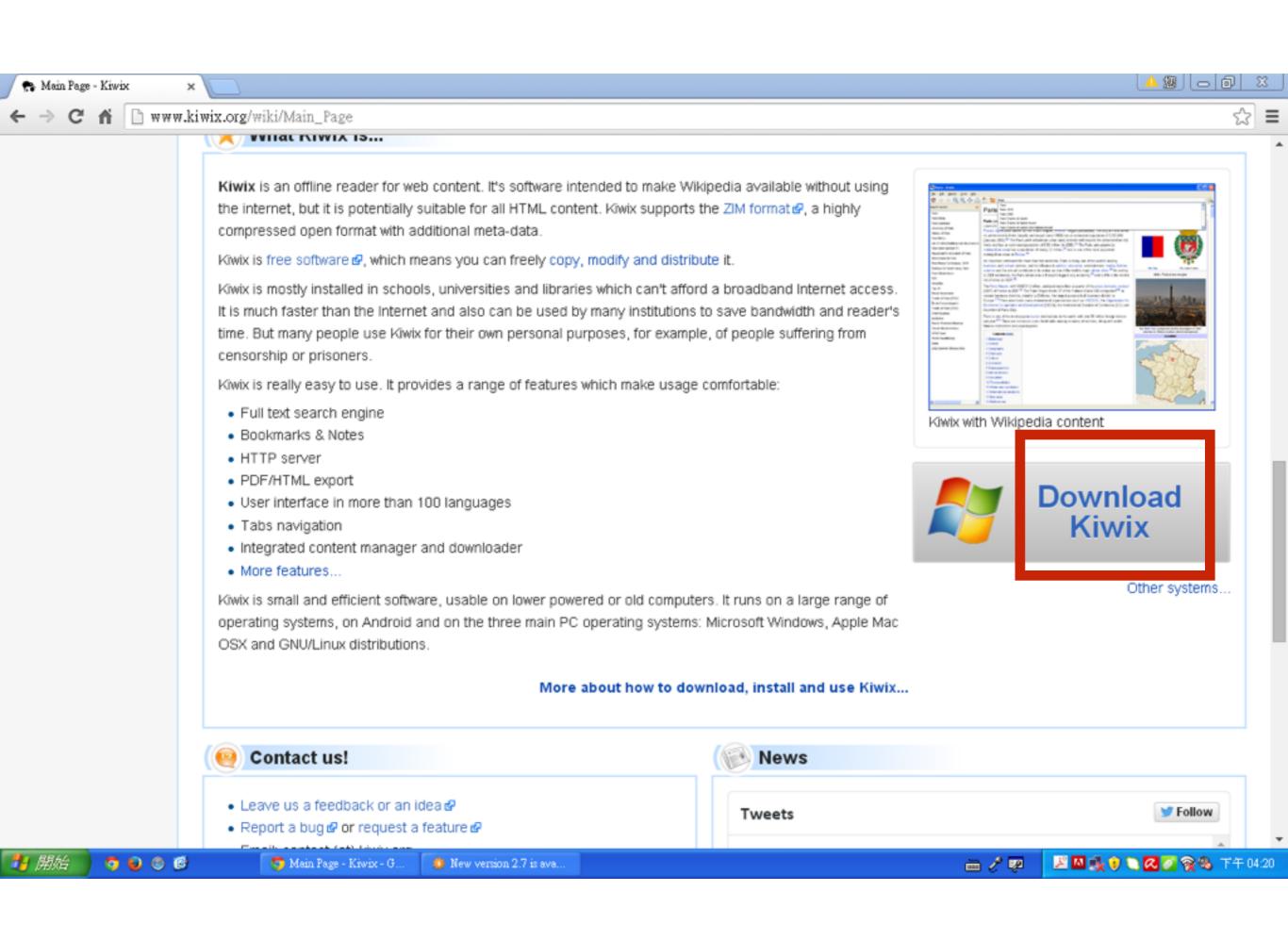
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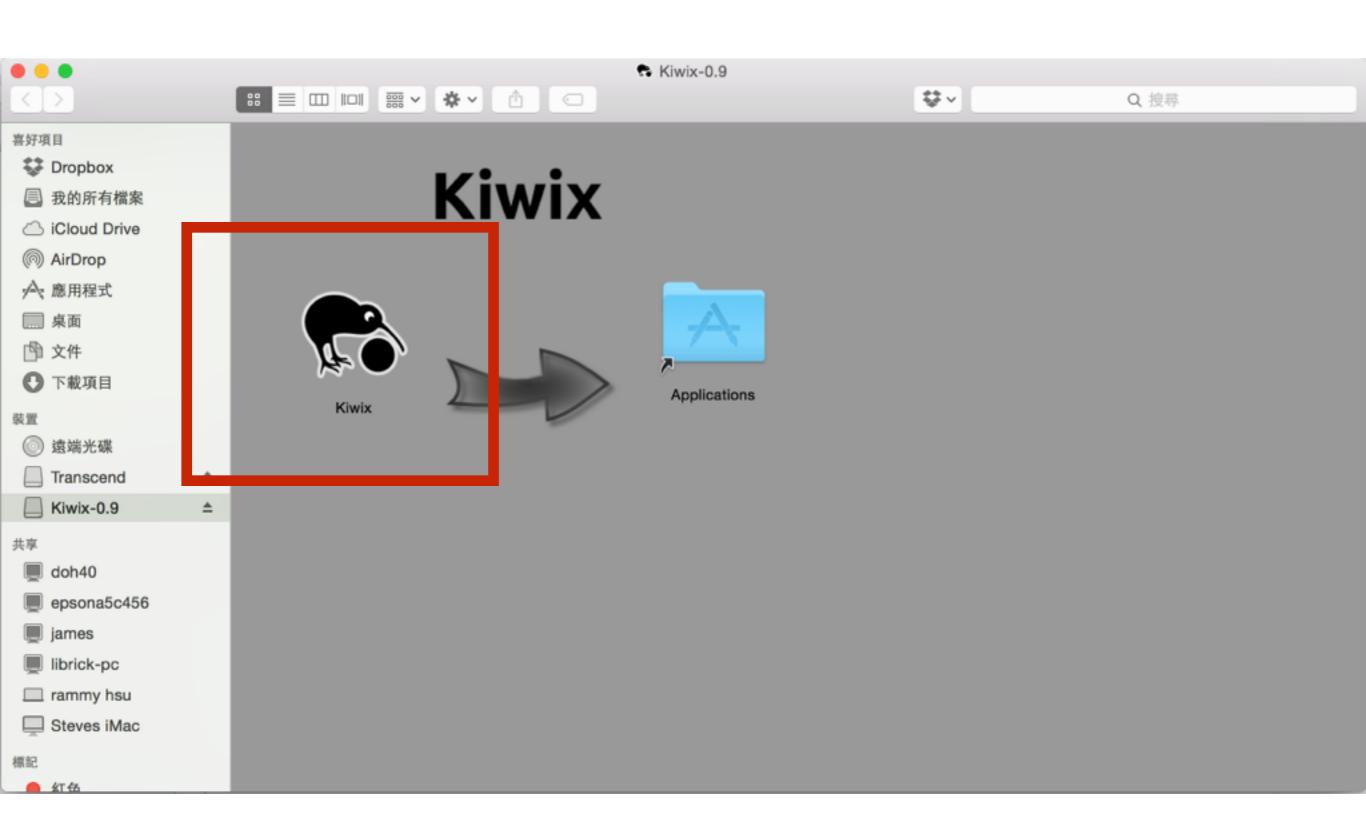
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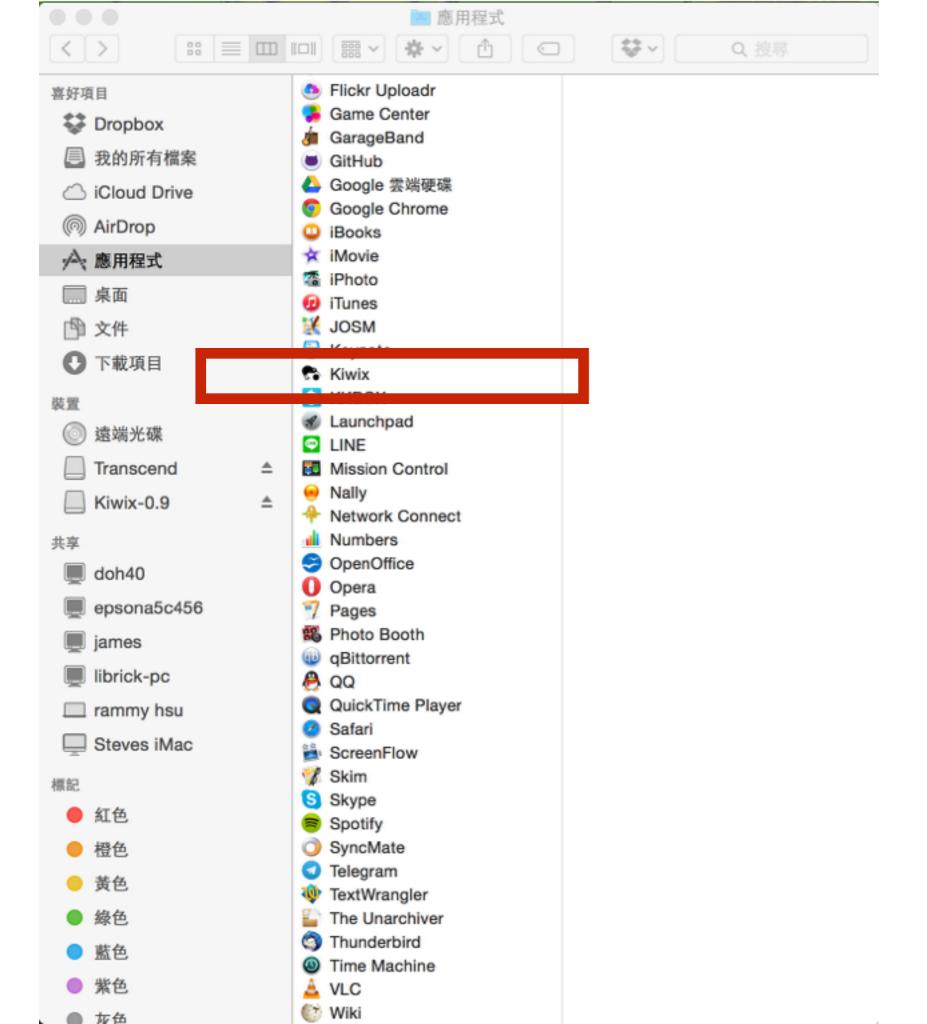
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More about how to download, install and use Kiwix...









目前,我们还没有发布任何官方正式即上INIX中,我们,且在即旧石下维委自存的上INIX中,你可以使用对现器下载开发中的ZIM文件,使用Kiwix软

#### 帮助

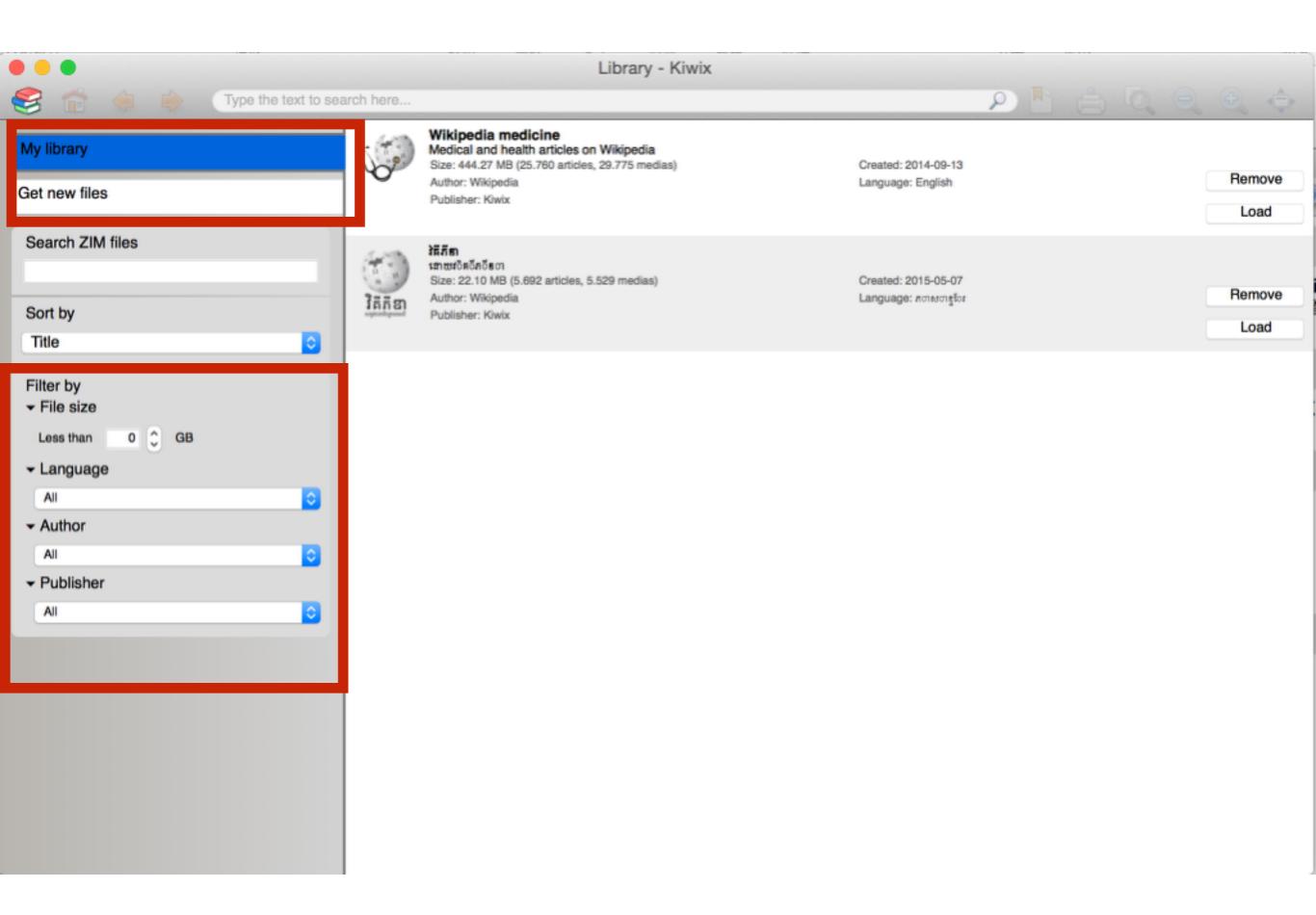
- 报告bug
- 提交新特色或功能请求

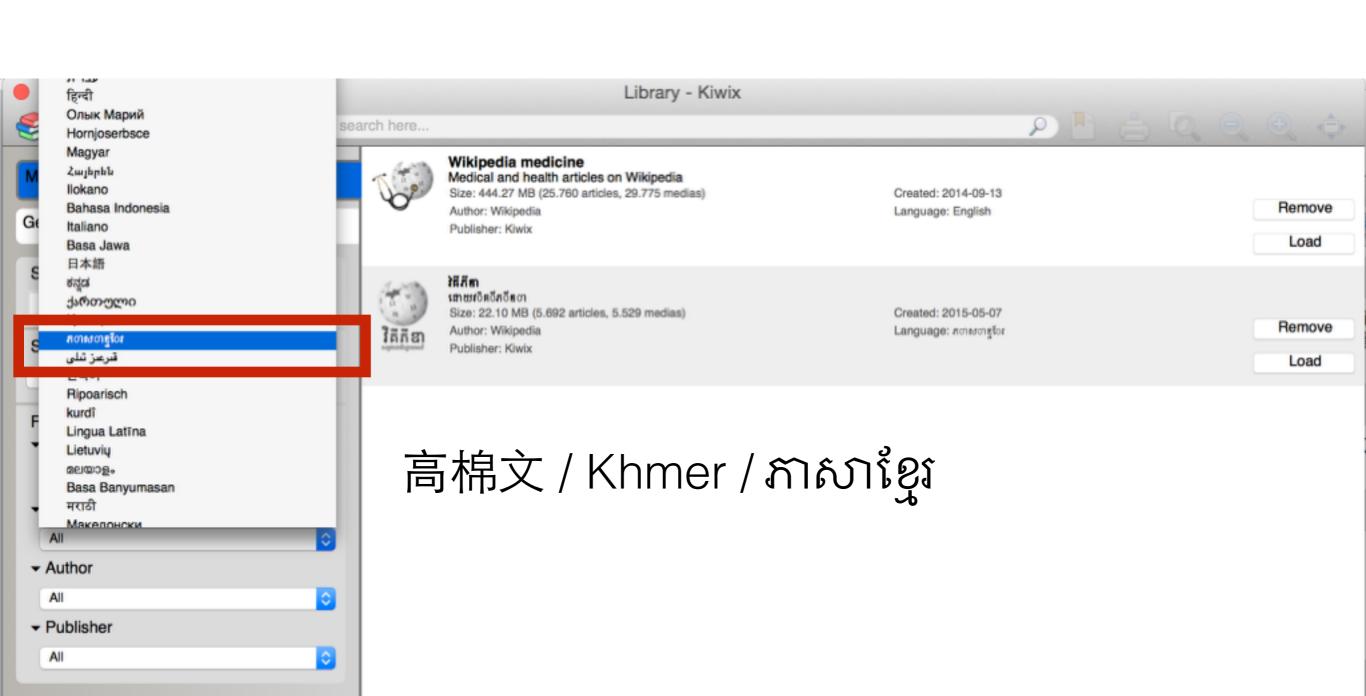
件菜单中的"文件 > 打开文件..."选项打开它。

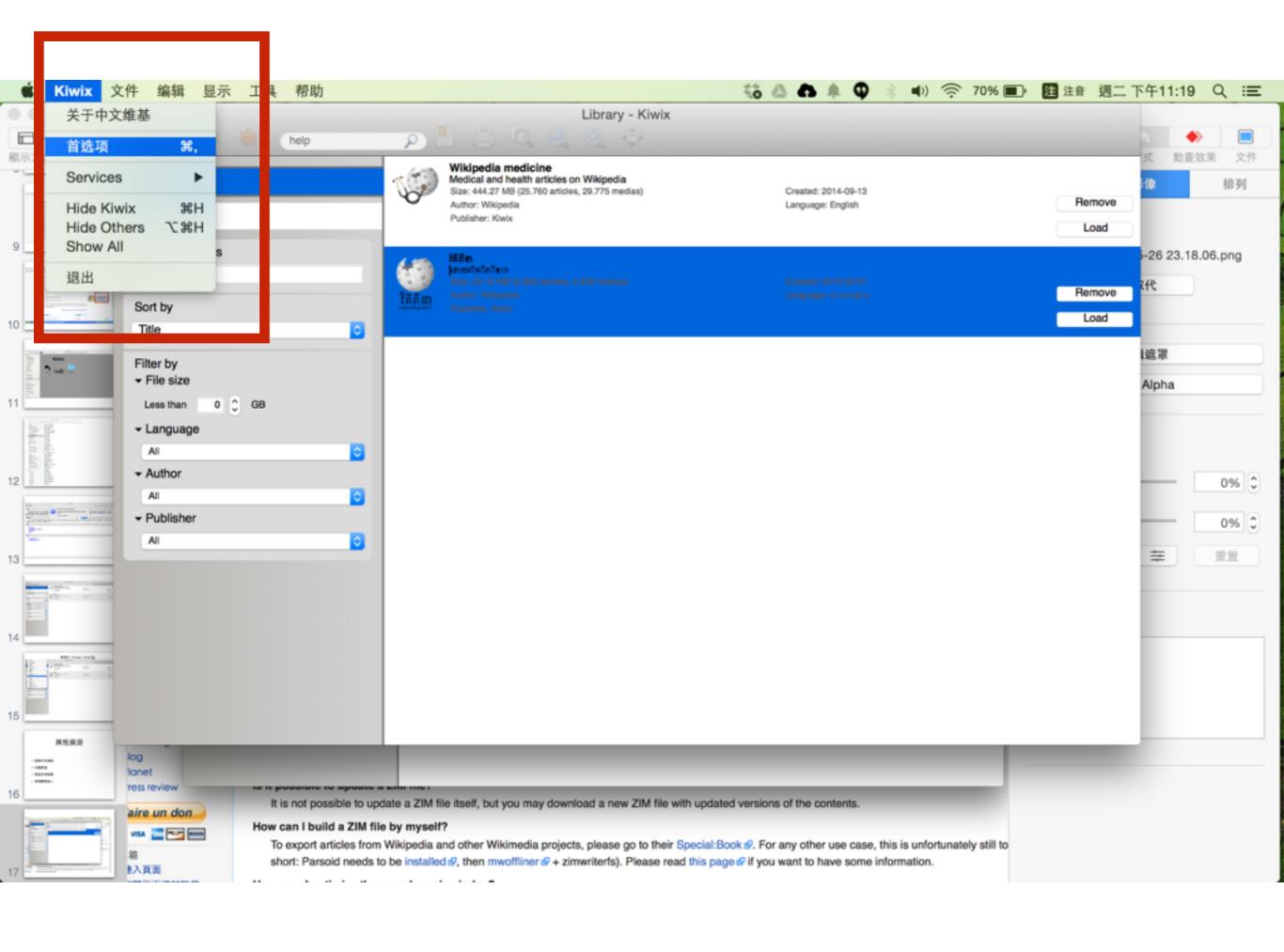
- 常见问题
- 其他

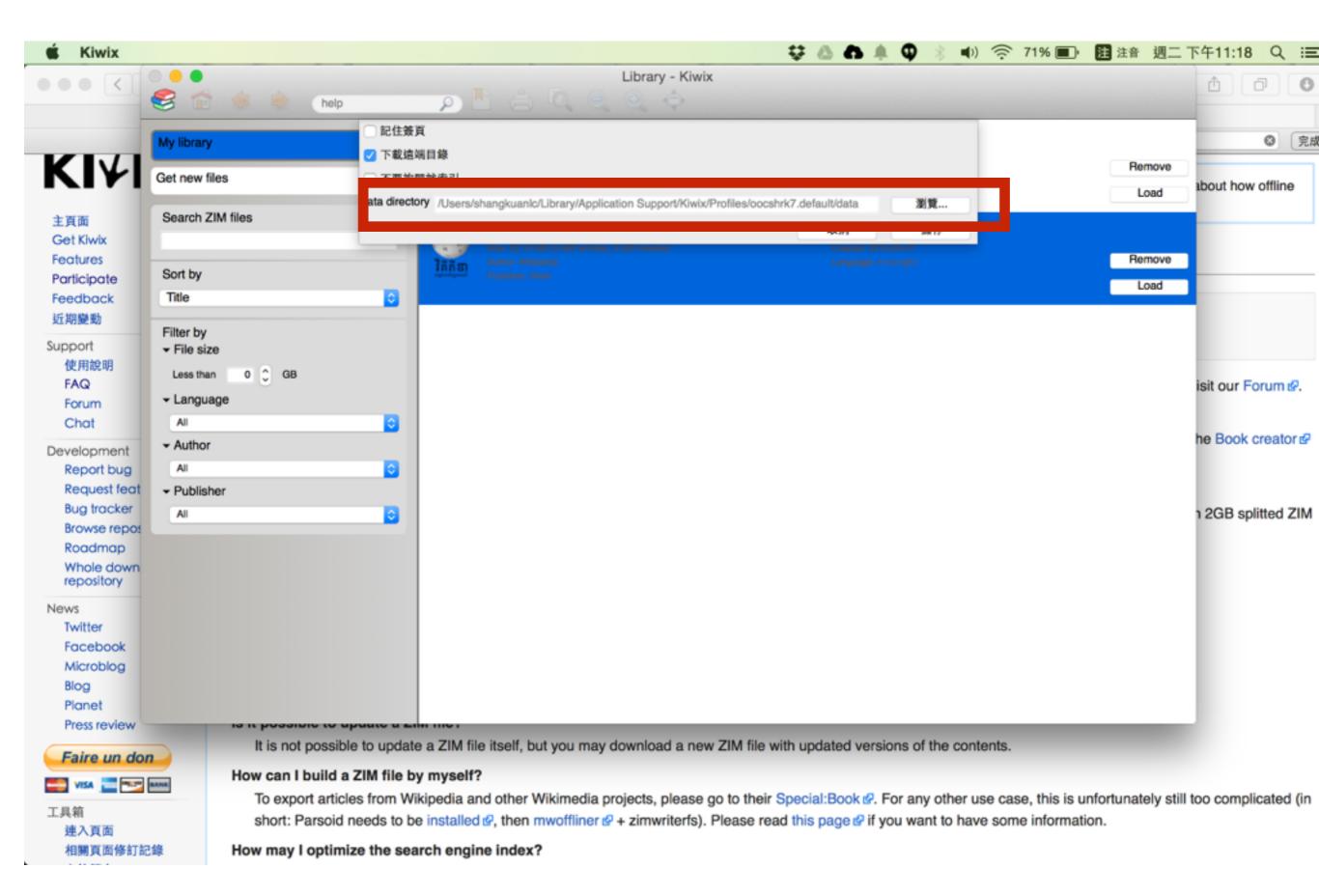
#### 更多...

- Kiwix官方主页
- OpenZIM官方主页







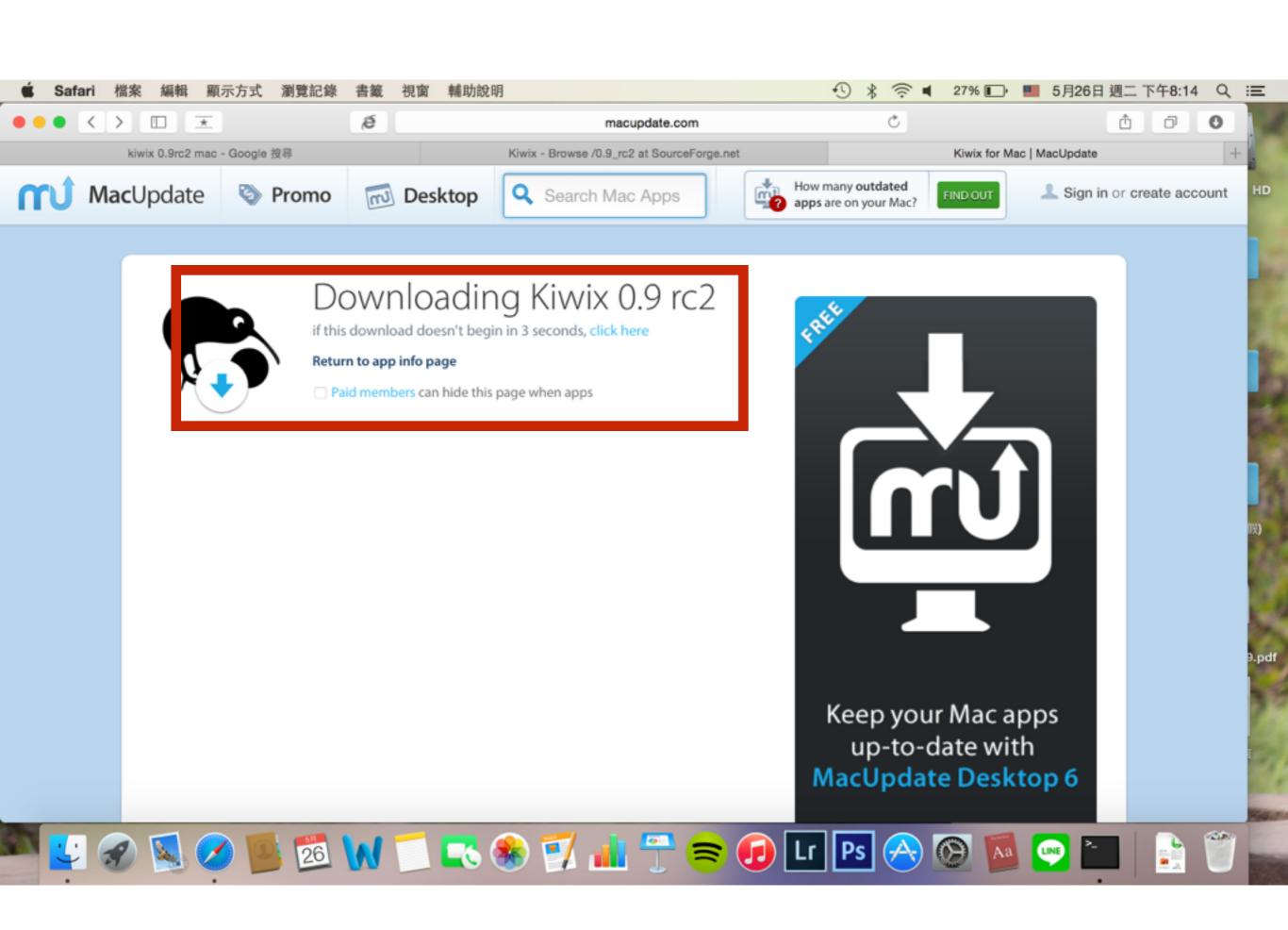


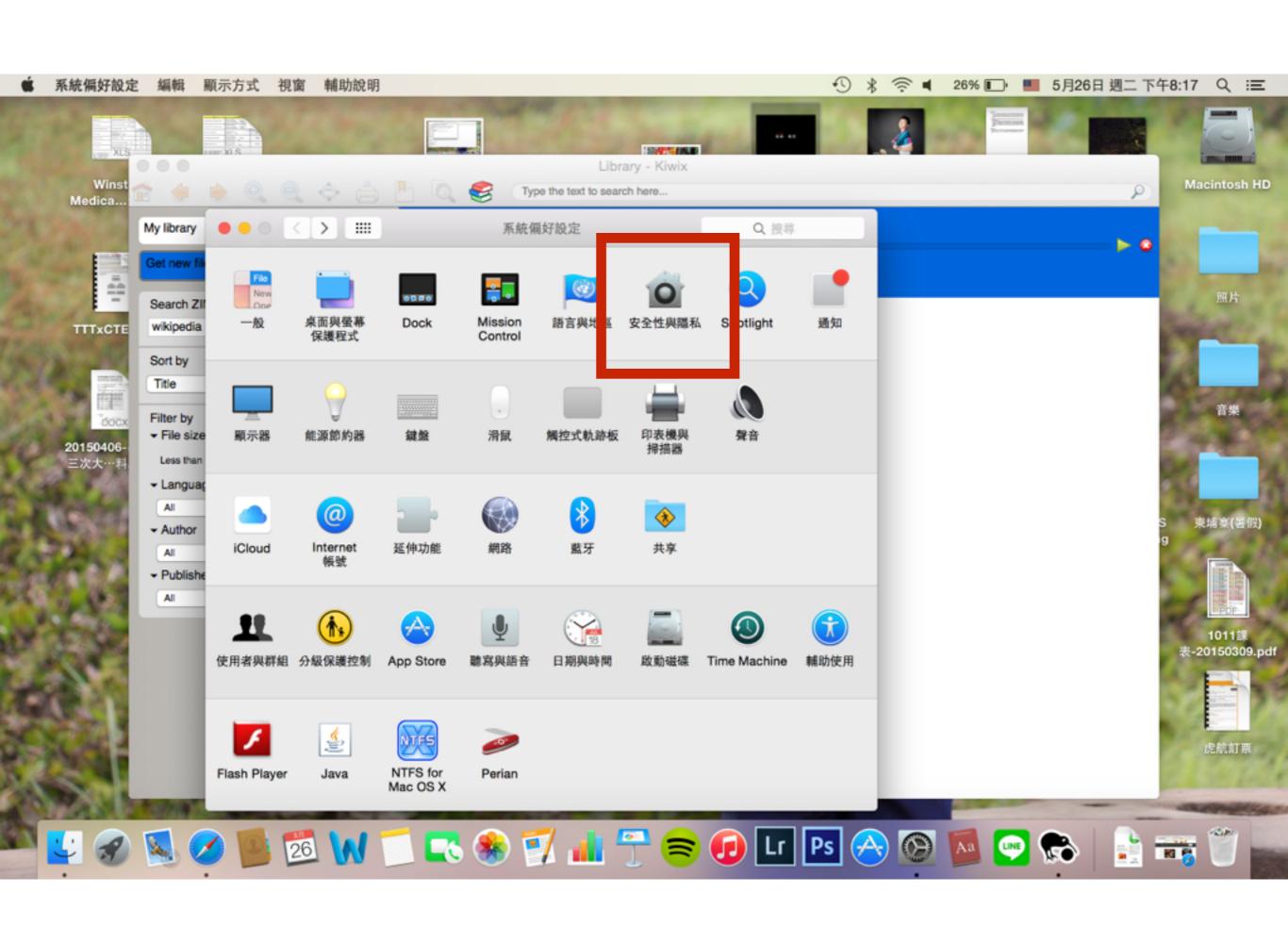
# 講義目錄

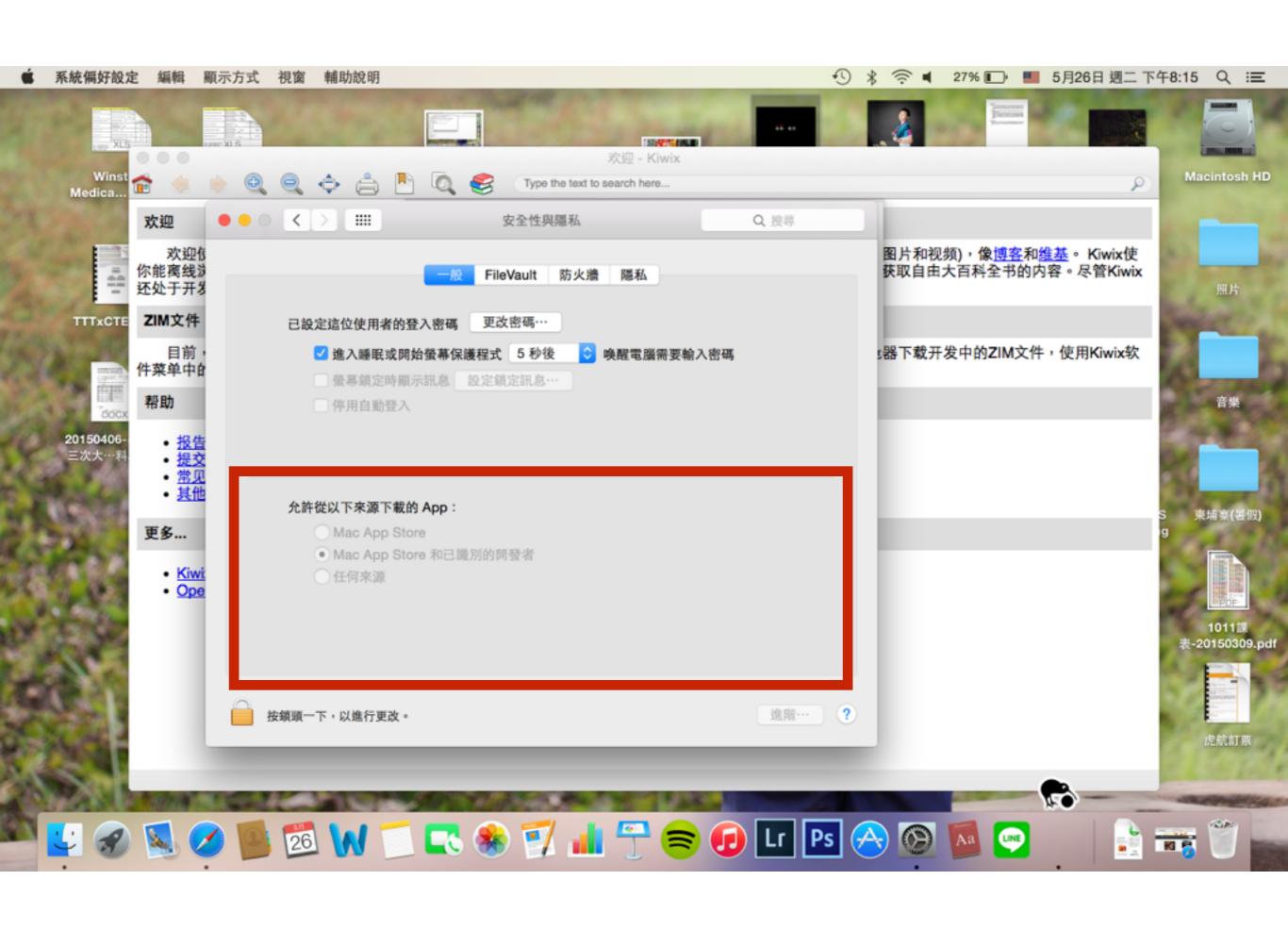
- 互相認識、了解需求
- 離線維基軟體(一) Wikipedia For Schools
- 離線維基軟體(二)Kiwix
- 現場安裝問題
- 後續行動與參考文獻

# 現場安裝問題

- Windows版本
  - 安裝kiwix軟體成功,但無法搜尋與下載library
- Mac版本(已解決)
  - 安裝失敗,顯示「檔案損毀」







# 講義目錄

- 互相認識、了解需求
- 離線維基軟體(一) Wikipedia For Schools
- 離線維基軟體(二)Kiwix
- 現場安裝問題
- 後續行動與補充資料

# 後續行動

• 離線維基: 隨身碟與安裝除錯

• 維基百科:醫學翻譯

• 維基教科書:設計教案

- 請柬埔寨維基人協助翻譯
- (久遠的未來後) 兒童維基的書寫
- 更多後續,請到離線維基與國民外交討論頁進行 https://wikimedians-tw.hackpad.com/Offline-Wikipedia-helping-global-south--wt4OtEJ1VfU

# 補充資料

- 維基百科遊戲(英文)
   <a href="https://en.wikipedia.org/wiki/Wikipedia:Wikipedia\_games">https://en.wikipedia.org/wiki/Wikipedia:Wikipedia\_games</a>
- 如何編輯維基百科
  <a href="http://commons.m.wikimedia.org/wiki/File:Editing\_Wikipedia\_brochure\_ZH-TW.pdf">http://commons.m.wikimedia.org/wiki/File:Editing\_Wikipedia\_brochure\_ZH-TW.pdf</a>
- 怎麼分辨維基百科條目的品質(英文,翻譯中) https://commons.wikimedia.org/wiki/File:Evaluating\_Wikipedia\_brochure.pdf