# Arches –

## to register heritage, Getty conservation

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# Outline

- **Introduction**
  - □ History
  - □ Standard
  - □ Heritage Inventory Package (HIP)
  - □ HIP Graphs

- **Install Arches & HIP**

- **Example: NouLi Community**
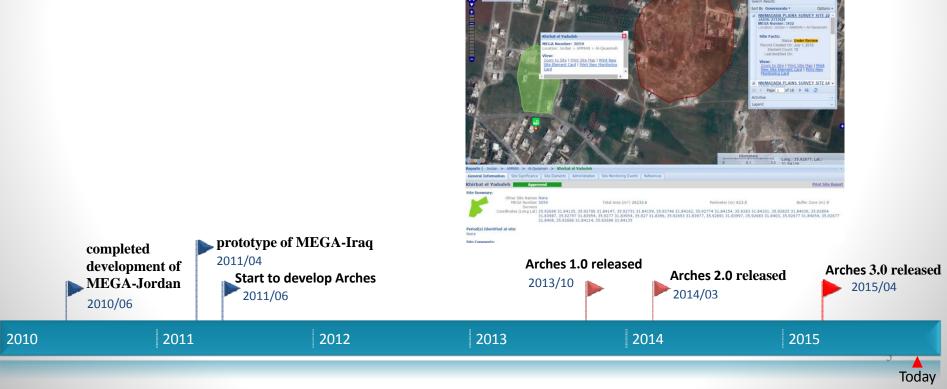
# Introduction

# Introduction

- Arches is
  - a new open-source geospatial software system for cultural heritage inventory and management,
  - developed jointly by the Getty Conservation Institute (GCI) and World Monuments Fund (WMF).
- Arches grew out of the collaborative effort to create the Middle Eastern Geodatabase for Antiquities (MEGA).

# History

- In June 2010, the GCI and WMF completed development of the MEGA–Jordan

- In June 2011, the GCI and WMF began to develop Arches as an open source project.



**completed development of MEGA-Jordan**
2010/06

**prototype of MEGA-Iraq**
2011/04

**Start to develop Arches**
2011/06

**Arches 1.0 released**
2013/10

**Arches 2.0 released**
2014/03

**Arches 3.0 released**
2015/04

| 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |

Today

# Standards

- **The International Core Data Standard for Archaeological and Architectural Heritage (CDS):**
  - CDS provided the Arches project team with a starting point for the development of the data structure.
  - By identifying the types of data which users would be able to record it was possible to define the data fields which would be used within the system.
  - Once identified these could then be mapped to the entity classes within the CIDOC (International Committee for Documentation) CRM (Conceptual Reference Model)

# Standards

- **CIDOC Conceptual Reference Model (CRM):**
  - The CIDOC CRM provides the definitions and a formal structure for describing the implicit and explicit concepts and relationships used in cultural heritage documentation.

- Arches incorporates internationally adopted standards for heritage inventory, semantic modeling, and information technology, leading to better practices in the creation and management of heritage data and facilitating data exchange and longevity in spite of advances in technology.

# Arches HIP (Heritage Inventory Package)

- is built on the open source Arches framework

- is a web application designed to make it easy to create and maintain an inventory of cultural heritage resources at a local, regional, or national scale

- supports various browsers, including: Firefox, Chrome, Safari, Opera, Internet Explorer

- supports several cultural heritage data types; these data types are called "Resources"

# Heritage Inventory Package

**Heritage Resources**

- culturally significant objects such as buildings and monuments

**Heritage Resources Group**

- collections of heritage resources that are best regarded as a group

**Activity**

- resources that occur over a period of time

**Historic Event**

- culturally significant occurrences

**Actor**

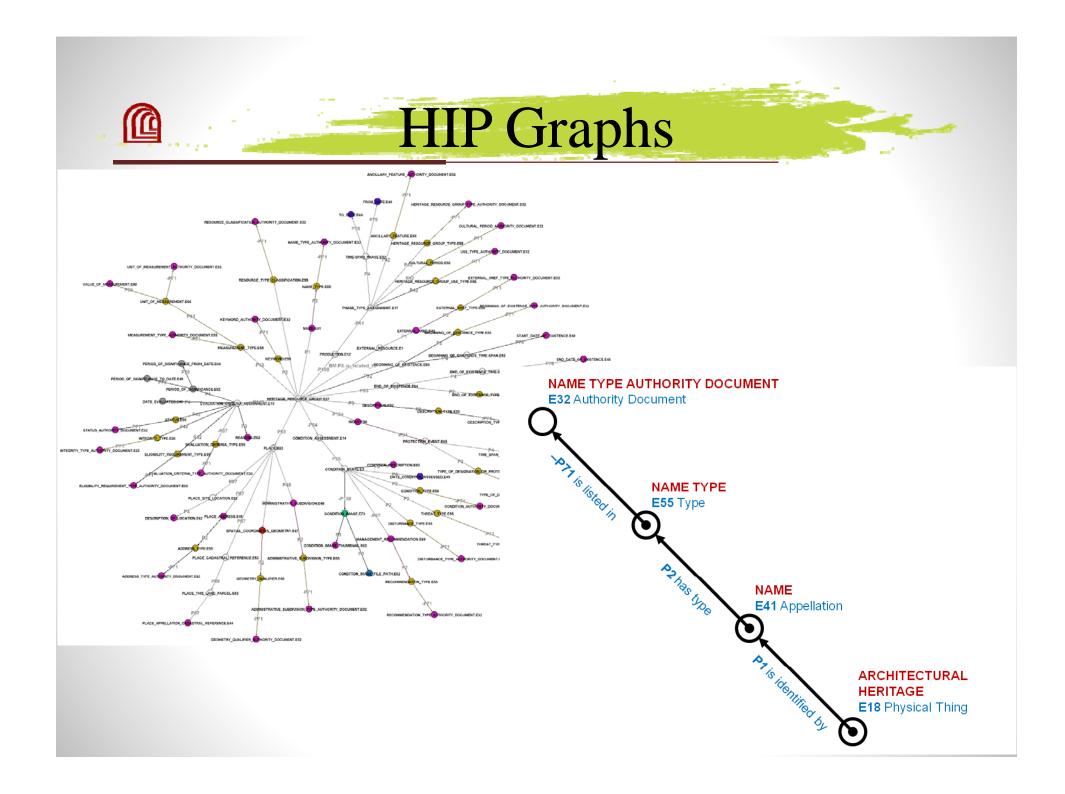- actor resources are persons, groups of people, or organizations

**Information Objects**

- objects that encode information such as an image, documents, signs, inscriptions, etc.

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# HIP Graphs

- In the HIP, the nodes that make up each graph correspond to an item of required information as specified in the International Core Data Standard for Archaeological and Architectural Heritage.

- Nodes correspond to a CRM class, while edges correspond to a CRM property.

# Install the Arches v3.0 &HIP v1.0 (Ubuntu 14.04 LTS)

# Installing Dependencies

| Arches Dependencies | |
|---|---|
| **PostgreSQL 9.3** | a powerful, open source object-relational database system. |
| **PostGIS 2.X** | is a spatial database extender for PostgreSQL object-relational database. It adds support for geographic objects allowing location queries to be run in SQL. |
| **GEOS** | GEOS (Geometry Engine - Open Source) is a C++ port of the Java Topology Suite (JTS). This includes all the OpenGIS Simple Features for SQL spatial predicate functions and spatial operators, as well as specific JTS enhanced topology functions. |
| **Python 2.7.6** | an interpreted, object-oriented, high-level programming language with dynamic semantics. The Python interpreter and the extensive standard library are available in source or binary form without charge for all major platforms, and can be freely distributed. |
| **Java Development Kit (JDK)** | a program development environment for writing Java applets and applications |

# Installing Dependencies

- install PostgreSQL, PostGIS, GEOS and the latest JDK by running a single script:

```
$ wget
https://bitbucket.org/arches/arches3/raw/4f8ffdafb043cf2f6ad009d
4738e94202eb529dd/arches/install/ubuntu_trusty_setup.sh
```

- build install PostgreSql, PostGIS, GEOS and the latest JDK

```
$ chmod +x ubuntu_trusty_setup.sh
$ ./ubuntu_trusty_setup.sh
```

# Check Database and User

```
andy@Andy-Ubuntu:~$ sudo su postgres
[sudo] password for andy:
postgres@Andy-Ubuntu:/home/andy$ psql
psql (9.3.10)
輸入 "help" 顯示說明。

postgres=# \l
                                     資料庫清單
      名稱         | 擁有者   | 字元編碼 |   Collate    | 轉換型別      |      存取權限
-------------------+----------+----------+--------------+--------------+----------------------
 arches            | postgres | UTF8     | en_US.utf8   | en_US.utf8   |
 postgres          | postgres | UTF8     | zh_TW.UTF-8  | zh_TW.UTF-8  |
 template0         | postgres | UTF8     | zh_TW.UTF-8  | zh_TW.UTF-8  | =c/postgres         +
                   |          |          |              |              | postgres=CTc/postgres
 template1         | postgres | UTF8     | zh_TW.UTF-8  | zh_TW.UTF-8  | =c/postgres         +
                   |          |          |              |              | postgres=CTc/postgres
 template_postgis_20 | postgres | UTF8   | en_US.utf8   | en_US.utf8   |
 training          | postgres | UTF8     | en_US.utf8   | en_US.utf8   |
(6 筆資料列)

postgres=# \du
                          角色清單
 角色名稱 |               屬性                      | 成員屬於
----------+-----------------------------------------+----------
 postgres | 超級用戶, 建立角色, 建立 DB, 複製       | {}

postgres=#
```

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# Installing Virtualenv

- Create the Arches Project folder

  $ mkdir arches

- Install virtualenv

  $ sudo apt-get install python-setuptools python-dev libssl-dev
    libffi-dev build-essential
  $ easy_install pip
  $ pip install -U pip
  $ pip install virtualenv

- Create the ENV folder

  $ cd arches
  $ virtualenv ENV

# Install Arches

- Activate the virtual environment

$ source ENV/bin/activate

- Install Arches

(ENV)$ pip install arches

```
copying build/lib.linux-x86-64-2.7/arches/urls.py -> build/bdist.linux-x86_64/wheel/arches
running install_egg_info
Copying arches.egg-info to build/bdist.linux-x86_64/wheel/arches-3.1.2-py2.7.egg-info
running install_scripts
creating build/bdist.linux-x86_64/wheel/arches-3.1.2.data
creating build/bdist.linux-x86_64/wheel/arches-3.1.2.data/scripts
copying build/scripts-2.7/arches-app -> build/bdist.linux-x86_64/wheel/arches-3.1.2.data/scripts
changing mode of build/bdist.linux-x86_64/wheel/arches-3.1.2.data/scripts/arches-app to 775
/home/andy/arches/ArchesENV/local/lib/python2.7/site-packages/pip/_vendor/requests/packages/urllib3/util/ssl_.py:90: InsecurePlatformWarning: A true SSLContext object is not available. This prevents urll
ib3 from configuring SSL appropriately and may cause certain SSL connections to fail. For more information, see https://urllib3.readthedocs.org/en/latest/security.html#insecureplatformwarning.
    InsecurePlatformWarning
Collecting setuptools
    Downloading setuptools-18.7.1.tar.gz (628kB)
    Skipping bdist_wheel for setuptools, due to binaries being disabled for it.
Installing collected packages: setuptools
    Found existing installation: setuptools 18.2
        Uninstalling setuptools-18.2:
            Successfully uninstalled setuptools-18.2
    Running setup.py install for setuptools
Successfully installed setuptools-18.7.1
/home/andy/arches/ArchesENV/local/lib/python2.7/site-packages/pip/_vendor/requests/packages/urllib3/util/ssl_.py:90: InsecurePlatformWarning: A true SSLContext object is not available. This prevents urll
ib3 from configuring SSL appropriately and may cause certain SSL connections to fail. For more information, see https://urllib3.readthedocs.org/en/latest/security.html#insecureplatformwarning.
    InsecurePlatformWarning
Could not open requirements file: [Errno 2] No such file or directory: '/home/andy/arches/ArchesENV/lib/python2.7/site-packages/arches/install/requirements.txt'
error: [Errno 2] No such file or directory: '/home/andy/arches/ArchesENV/lib/python2.7/site-packages/arches/install/django_overrides/base.py'

----------------------------------------
Failed building wheel for arches
Failed to build arches
Installing collected packages: arches
    Running setup.py install for arches
Successfully installed arches-3.1.2
(ArchesENV)andy@Andy-Ubuntu:~/arches/ArchesENV$
```

# Install HIP

- Install the arches_hip module

(ENV)$ pip install arches_hip

```
(ArchesENV)andy@Andy-Ubuntu:~/arches/ArchesENV$ pip install arches_hip
Collecting arches-hip
/home/andy/arches/ArchesENV/local/lib/python2.7/site-packages/pip/_vendor/requests/packages/urllib3/util/ssl_.py:90: InsecurePlatformWarning:
3 from configuring SSL appropriately and may cause certain SSL connections to fail. For more information, see https://urllib3.readthedocs.org/
  InsecurePlatformWarning
  Downloading arches_hip-1.0.4.tar.gz (456kB)
    100% |                                | 458kB 429kB/s
Requirement already satisfied (use --upgrade to upgrade): arches>=3.1.0 in ./lib/python2.7/site-packages (from arches-hip)
Building wheels for collected packages: arches-hip
  Running setup.py bdist_wheel for arches-hip
  Stored in directory: /home/andy/.cache/pip/wheels/07/61/ae/23892800482b14d22f36ccd146417be686d61121a88df8c96f
Successfully built arches-hip
Installing collected packages: arches-hip
Successfully installed arches-hip-1.0.4
(ArchesENV)andy@Andy-Ubuntu:~/arches/ArchesENV$
```

- Create the folder for your HIP customizations

(ENV)$ arches-app create my_hip_app --app arches_hip

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# Install ElasticSearch

- Install ElasticSearch

(ENV)$ python /ENV/my_hip_app/manage.py packages -o
setup_elasticsearch

```
(ENV)root@5b54750a3bdc:/Arches# cd my_hip_app/
(ENV)root@5b54750a3bdc:/Arches/my_hip_app# python manage.py packages -o setup_elasticsearch
operation: setup_elasticsearch
package: my_hip_app
unzipping /Arches/ENV/local/lib/python2.7/site-packages/arches/install/elasticsearch-1.4.1.zip to: /Arches/my_hip_app/my_hip_app/elast
icsearch
-> Installing mobz/elasticsearch-head...
Trying https://github.com/mobz/elasticsearch-head/archive/master.zip...
Downloading ....................................................................................................
.........................DONE
Installed mobz/elasticsearch-head into /Arches/my_hip_app/my_hip_app/elasticsearch/elasticsearch-1.4.1/plugins/head
(ENV)root@5b54750a3bdc:/Arches/my_hip_app#
```

- run ElasticSearch as a daemon process

(ENV)$
/ENV/my_hip_app/my_hip_app/elasticsearch/elasticsearch-
1.4.1/bin/elasticsearch –d

# Settings

- Open the settings.py file in my_hip_app/my_hip_app to change the Database Settings

```
#DATABASES['default']['NAME'] = 'arches_%s' %
(PACKAGE_NAME)

DATABASES['default']['POSTGIS_TEMPLATE'] =
'template_postgis_20'
DATABASES['default']['NAME'] = 'xxxx'
DATABASES['default']['PASSWORD'] = 'xxxx'
DATABASES['default']['USER'] = 'xxxx'
```

# Initialize the database

- Initialize the database

(ENV)$ python manage.py packages -o install

```
 setval
--------
       1
(1 筆資料列)

 setval
--------
       8
(1 筆資料列)

 setval
--------
       1
(1 筆資料列)

VACUUM
deleting index : concept_labels
deleting index : term

LOADING GRAPHS (/home/andy/arches/ArchesENV/local/lib/python2.7/site-packages/arches_hip/source_data/resourc
e_graphs)
---------------
HERITAGE_RESOURCE_GROUP.E27
ACTOR.E39
INFORMATION_RESOURCE.E73
ACTIVITY.E7
HISTORICAL_EVENT.E5
HERITAGE_RESOURCE.E18

INDEXING ENTITY NODES
---------------------

ADDING NODE LEVEL PERMISSIONS

operation: build_permissions
package: arches_app
Resources Truncated
deleting index : resource
deleting index : entity
deleting index : maplayers
deleting index : resource_relations
(ArchesENV)andy@Andy-Ubuntu:~$
```

# 🏛 Load Sample Authority Document

- Load Sample Authority Document

$ python manage.py packages -o load_concept_scheme -s '/home/andy/arches/ArchesENV/lib/python2.7/site-packages/arches_hip/source_data/sample_data/concepts/sample_authority_files'
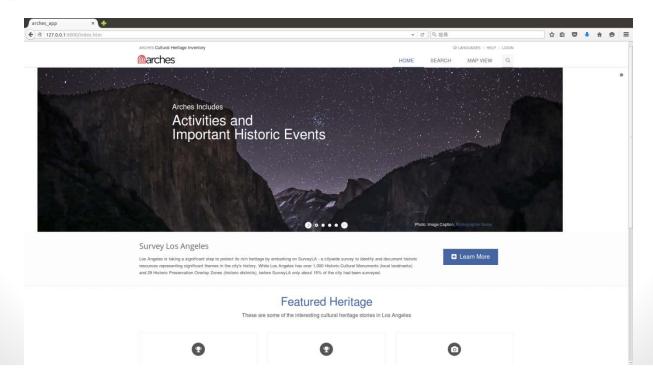
# Run Arches

- Run Arches

  (ENV)$ python manage.py runserver
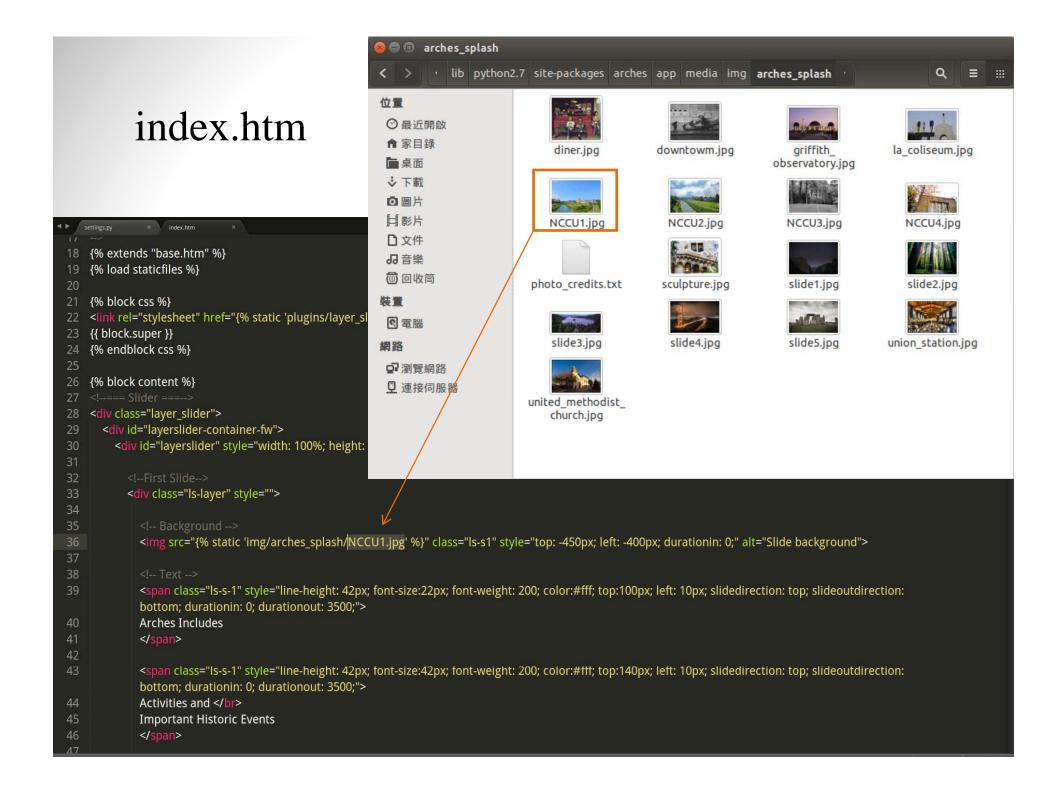
- Open a browser window and see the application running at http://localhost:8000/

# Customizing
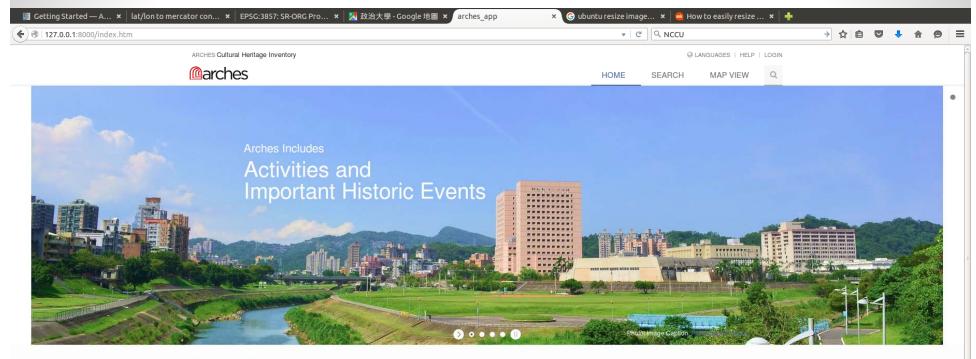
- Changing (comments) the templates in
  - ENV/my_hip_app/my_hip_app/templates
    - header.htm, index.htm, footer.htm, copyright.htm
  - ENC/lib/python2.7/site-packages/arches/app/templates
    - base.htm
- Example: changing the home page

# index.htm



```
17
18   {% extends "base.htm" %}
19   {% load staticfiles %}
20
21   {% block css %}
22   <link rel="stylesheet" href="{% static 'plugins/layer_sl
23   {{ block.super }}
24   {% endblock css %}
25
26   {% block content %}
27   <!--=== Slider ===-->
28   <div class="layer_slider">
29     <div id="layerslider-container-fw">
30       <div id="layerslider" style="width: 100%; height:
31
32         <!--First Slide-->
33         <div class="ls-layer" style="">
34
35           <!-- Background -->
36           <img src="{% static 'img/arches_splash/NCCU1.jpg' %}" class="ls-s1" style="top: -450px; left: -400px; durationin: 0;" alt="Slide background">
37
38           <!-- Text -->
39           <span class="ls-s-1" style="line-height: 42px; font-size:22px; font-weight: 200; color:#fff; top:100px; left: 10px; slidedirection: top; slideoutdirection: bottom; durationin: 0; durationout: 3500;">
40           Arches Includes
41           </span>
42
43           <span class="ls-s-1" style="line-height: 42px; font-size:42px; font-weight: 200; color:#fff; top:140px; left: 10px; slidedirection: top; slideoutdirection: bottom; durationin: 0; durationout: 3500;">
44           Activities and </br>
45           Important Historic Events
46           </span>
47
```

# index.htm



```
133
134    <!--=== HIP Title Block ===-->
135    <div class="purchase">
136      <div class="container">
137        <div class="row">
138          <div class="col-md-9 animated fadeInLeft">
139            <span>Visit NCCU</span>
140            <p>If you are a high achiever, then National Chengchi University (NCCU) is the university for you. We are known for having the best degree
               programs in Humanities, Social Sciences, and Business in Taiwan. Not only is NCCU one of the best universities in Taiwan, it is also ranked
               number one in excellence for its friendly English learning environment.</p>
141          </div>
142          <div class="col-md-3 btn-buy animated fadeInRight">
143            <a href="http://www.nccu.edu.tw" class="btn-u btn-u-lg"><i class="fa fa-plus-square"></i> Go to NCCU</a>
144          </div>
145        </div>
146      </div>
147    </div><!--/row-->
148    <!-- End HIP Title Block -->
149
150
151    <!--=== Content Part ===-->
152    <!-- <div class="block-description">
153      <div class="container content padding-top-20">
154
155        <!--Title Box-->
156    <!--    <div class="title-box no-border margin-top-minus-10" style="border-bottom-color: #dcdcdc;">
157          <div class="title-box-text"><span class="color-green">Featured Heritage</span></div>
158          <p>These are some of the interesting cultural heritage stories in Los Angeles</p>
159        </div>
160        <!-- End Title Box -->
161
162        <!-- Promo Box -->
163    <!--    <div class="row">
164          <div class="col-sm-4">
```

# Getting customized home page!

**arches**

HOME    SEARCH    MAP VIEW    RESOURCE MANAGER ⌄    RDM    🔍

## Resource Data Manager
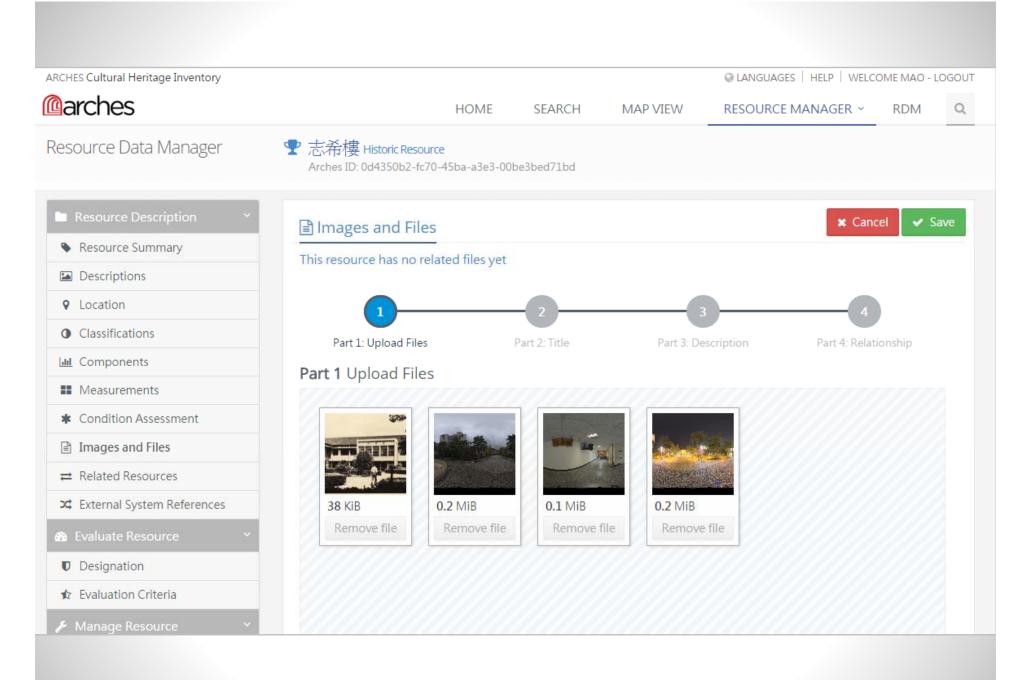
🏆 New Resource Historic Resource
Arches ID: n/a

| 📁 Resource Description ⌄ |
|---|
| 🏷 Resource Summary |
| 🖼 Descriptions |
| 📍 Location |
| ◑ Classifications |
| 📊 Components |
| ▦ Measurements |
| ✳ Condition Assessment |
| 📄 Images and Files |
| ⇄ Related Resources |
| ⤭ External System References |
| 🕰 Evaluate Resource ⌄ |
| 🛡 Designation |
| ☆ Evaluation Criteria |

🏷 **Resource Summary**                    ✖ Discard edits    ✔ Save edits

### Historic Resource Type

| Type | | Add ⌄ |

This resource has these types:
❌ Building

### Names

| Name | Type | Add ⌄ |

This resource has these names:
❌ 志希樓 (Alternative)

### Important Dates

| Date type | yyyy-mm-dd 🗓 | Add ⌄ |

These dates are associated with this resource:
❌ Built Date 1955-01-01

### Keywords

| Keyword | | Add ⌄ |

These keywords are associated with this resource:
❌ 1950s
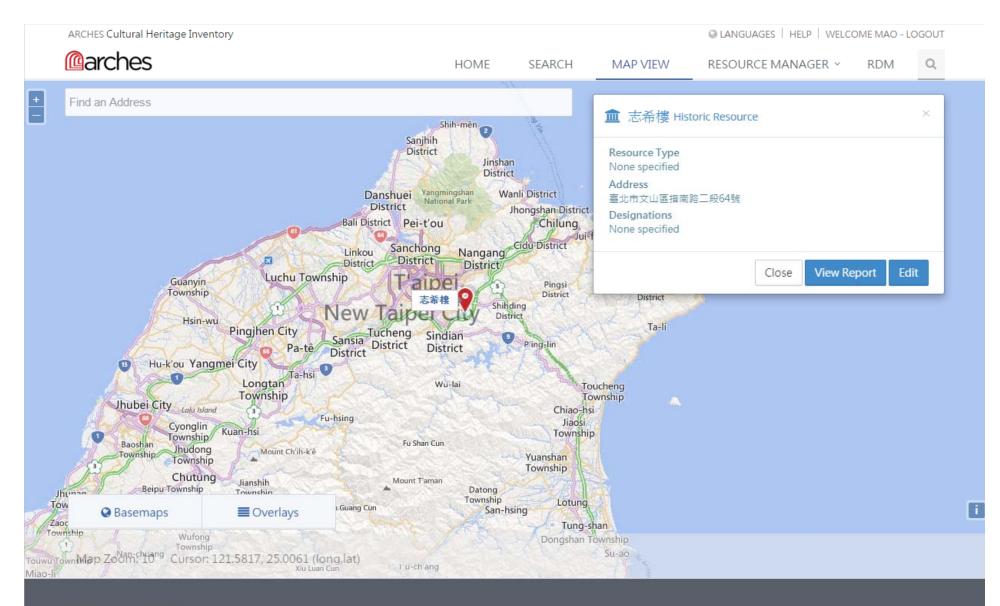
**@arches**

HOME　　SEARCH　　MAP VIEW　　RESOURCE MANAGER ⌄　　RDM　　🔍

## Resource Data Manager

🏆 **志希樓** Historic Resource
Arches ID: 0d4350b2-fc70-45ba-a3e3-00be3bed71bd

| 📁 Resource Description ⌄ |
|---|
| 🏷 Resource Summary |
| 🖼 Descriptions |
| 📍 Location |
| 🌓 Classifications |
| 📊 Components |
| ▦ Measurements |
| ✳ Condition Assessment |
| 📄 Images and Files |
| ⇄ Related Resources |
| ⤫ External System References |
| 🕸 Evaluate Resource ⌄ |
| 🛡 Designation |
| ⭐ Evaluation Criteria |
| 🔧 Manage Resource ⌄ |
| ◀ Review Edit History |
| ⊘ Delete Resource |

🖼 **Descriptions**

✖ Discard edits　　✔ Save edits

### Resource Descriptions

| General Description | | Add ⌄ |
|---|---|---|

**B** *I* U̲ 🖊　13 ⌄　**A** ⌄　☰　☷　☰ ⌄　TI ⌄

This resource has these descriptions:

❌ **General Description**

走進政大校門，第一個映入眼簾的建築，不是最具政大代表色彩的四維堂，就是兩旁高聳的研究大樓、商學院或資訊大樓。然而，有兩棟見證著政大在台復校後數十年歷史演變的古老標的，默默佇立在四維道兩側，它們是果夫樓與志希樓。

綠瓦灰牆，兩層的平房，相較於動輒十數層樓的其他新式建築，除了隱隱透露出的古色古香，果夫樓與志希樓顯得不太引人注目，大部分政大學生也對這兩棟樓沒什麼特別印象，不過它們可也曾經有過一段輝煌的過去呢！

復校初期，校園建築不多，民國四十四年左右先後落成的果夫樓與志希樓，可是當時的校園樞紐，果夫樓是行政大樓，志希樓則是圖書館，兩棟建築一直到使用到新的行政大樓與中正圖書館陸續落成後，才卸下階段性任務。

民國七十九年前後，果夫樓與志希樓轉為心理學系與應用數學系使用，並在八十三年加入新成立的資訊科學系，同時三系併為理學院，使果夫樓與志希樓正式與理學院成為密不可分的共同體直到今天。而八十八年的整修，使得果夫樓與志希樓的外觀看起來煥然一新，卻又不失當年的懷舊韻味。

談到政大建築物的名稱，往往根據一些對政大有卓越貢獻的重要人士命名紀念，果夫樓與志希樓當然也不例外。望文生義，果夫樓紀念的是陳果夫先生，在民國二十七年二月至三十年八月間，他曾經擔任政大教育長，而志希樓則是得名自羅家倫先生之字，他曾在中央政治學校時期擔任校務委員。

# ⋒arches

HOME　　SEARCH　　MAP VIEW　　RESOURCE MANAGER ⌄　　RDM　🔍

## Resource Data Manager

🏆 志希樓 Historic Resource
Arches ID: 0d4350b2-fc70-45ba-a3e3-00be3bed71bd

### 📁 Resource Description ⌄

- 🏷 Resource Summary
- 🖼 Descriptions
- 📍 **Location**
- ◑ Classifications
- 📊 Components
- ▦ Measurements
- ✳ Condition Assessment
- 📄 Images and Files
- ⇄ Related Resources
- ⤮ External System References

### 🔵 Evaluate Resource ⌄

- 🛡 Designation
- ⭐ Evaluation Criteria

### 🔧 Manage Resource ⌄

- ⏮ Review Edit History
- ⊗ Delete Resource

## 📍 Location

✖ Discard edits　　✔ Save edits

### Mapped Locations



⊕ Basemaps　　＋ Add Geometry

This resource is represented by the following geometries:
No geometries defined

## Addresses

| resource address | type | Add ⌄ |

**@arches**

HOME    SEARCH    MAP VIEW    RESOURCE MANAGER ⌄    RDM    🔍

## Resource Data Manager

🏆 志希樓 Historic Resource

Arches ID: 0d4350b2-fc70-45ba-a3e3-00be3bed71bd

### Resource Description ⌄

- 🏷️ Resource Summary
- 🖼️ Descriptions
- 📍 Location
- ◑ Classifications
- 📊 Components
- ▦ Measurements
- ✳️ Condition Assessment
- 📄 **Images and Files**
- ⇄ Related Resources
- ⤭ External System References

### Evaluate Resource ⌄

- 🛡️ Designation
- ⭐ Evaluation Criteria

### Manage Resource ⌄

📄 Images and Files

**✖ Cancel**    **✔ Save**

This resource has no related files yet

1 ————— 2 ————— 3 ————— 4

Part 1: Upload Files    Part 2: Title    Part 3: Description    Part 4: Relationship

**Part 1** Upload Files

38 KiB
Remove file

0.2 MiB
Remove file

0.1 MiB
Remove file

0.2 MiB
Remove file

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ARCHES Cultural Heritage Inventory

@arches

HOME          SEARCH          MAP VIEW          RESOURCE MANAGER ⌄          RDM          🔍

Find an Address

🏛 志希樓 Historic Resource                    ×

**Resource Type**
None specified

**Address**
臺北市文山區指南路二段64號

**Designations**
None specified

Close    **View Report**    **Edit**

Shih-mên

Sanjhih
District

Jinshan
District

Danshuei      Yangmingshan      Wanli District
District        National Park
                              Jhongshan District
Bali District   Pei-t'ou                      Chilung
                                    Jui-f
        Linkou    Sanchong         Cidu District
        District   District  Nangang
                            District
Guanyin   Luchu Township      T'aipei          Pingsi
Township                                        District        District
                        New Taipei City  Shihding
                          志希樓              District
Hsin-wu                                        Ta-li
        Pingjhen City  Sansia  Tucheng  Sindian    P'ing-lin
            Pa-tê   District  District  District
Hu-k'ou  Yangmei City      Ta-hsi
                                    Wu-lai
            Longtan                                Toucheng
            Township                                Township
Jhubei City  Lalu Island                    Chiao-hsi
                            Fu-hsing            Jiaosi
        Cyonglin                                Township
Baoshan  Township  Kuan-hsi
Township  Jhudong        Mount Ch'ih-k'ê      Fu Shan Cun    Yuanshan
        Township                                Township
        Chutung   Jianshih
Jhunan  Beipu Township  Township          Mount T'aman      Lotung
Tow                          Guang Cun          Datong
Zaoc                                            Township  San-hsing
Township                              Fu Shan Cun    Tung-shan
        Wufong                                    Dongshan Township
        Township                                        Su-ao
Touwu Township  Nan-chuang                  Xiu Luan Cun
Miao-li

🌐 Basemaps    ☰ Overlays

Map Zoom: 10   Cursor: 121.5817, 25.0061 (long,lat)

ℹ

Stay Connected

🔊 f 🐦 g+ 🅿 in v

志希樓 ✕                                    📍 Location Filter    🕐 Time Filter    Tools ⌄

## 1 Results

**志希樓**  🏛 Historic Resource
✏ Edit    ⚓ **Related Resources**    📍 Map

復校初期，校園建築不多，民國四十四年左右先後落成的果夫樓與志希樓，可是當時的校園樞紐，果夫樓是行政大樓，志希樓則是圖書館，兩棟建築一直到使用到新的行政大樓與中正圖書館陸續落成後，才卸下階段性任務。

民國七十九年前後，果夫樓與志希樓轉為心理學系與應用數學系使用，並在八十三年加入新成立的資訊科學系，同時三系併為理學院，使果夫樓與志希樓正式與理學院成為密不可分的共同體直到今天。而八十八年的整修，使得果夫樓與志希樓的外觀看起來煥然一新，卻又不失當年的懷舊韻味。



室內一樓全景
📄 Information Resource
relations not loaded
load more relations

志希樓

室內一樓全景

« 1 »

# Example: NouLi Community

**@arches**

HOME    SEARCH    MAP VIEW    RESOURCE MANAGER ⌄    RDM    🔍



花蓮牛犁社區
豐田
蘊藏多元的族群文化

Photo: 豐田文史館、社團法人花蓮縣牛犁社區交流協會 提供

## 探索 牛犁社區

豐田地區（花蓮縣壽豐鄉-豐山、豐裡、豐坪三村）自1913年，歷經日本移民開村經營，及至客家、閩南、原住民、外省、新移民等，先後遷來定居，雖然大家來自不同族群與地區，而大家之所以會選擇遷來豐田定居的目的，卻是相同的，那就是為自己找到一個，可以「安居樂業」的家園。在走過豐田地區風光的歷史歲月後，同屬農村型社區的豐田，面臨著產業轉型，社會結構變遷，以致產生了：農地休耕、人口老化、外流、單親隔代教養、城鄉落差等議題，同時也造成在地傳承文化逐漸消沉與流失。當然為解決農村型社區多元性議題，除仰賴政府相關部門，推出有效的政策，而社區「自覺」，以及社區因應時局變遷「能力」的養成，其實才是維繫農村社區永續經營最有力的要素......

➕ **Learn More**

36

**arches**

HOME    SEARCH    MAP VIEW    RESOURCE MANAGER ⌄    RDM

Find an Address

豐田村 Historic District

**Historic District Type**
日治時期名稱

**Designations**
None specified

Close    View Report    Edit

Taiwan Hospitality &Tourism College

Feng-shan-ts'un

Lalu Island

Shu Hu Cun

Fengli Cun

Feng Ping Cun

Basemaps    Overlays

Map Zoom: 14    Cursor: (long,lat)

**ᴽarches**

HOME   SEARCH   MAP VIEW   RESOURCE MANAGER ⌄   RDM   🔍

# 豐田村

☑ Edit

Shoufong Township
Gonghe Cun
Hsulien River
Yan Liao Cun
Yue Mei Cun
Feng-shan-ts'un
Hsi 39
Fengli Cun
Feng Ping Cun
Hsi-k'ou
Dong Hua Lian Wai Rd.
Shoufeng River
Lalu Island

⊕ Basemaps

## Resource Description

**Resource Summary**

Names
豐田村 (歷史名稱)

Resource Types
No types recorded

Important Dates
No dates recorded

Keywords (Subjects)
No keywords recorded

**Location Information**

Addresses
No addresses recorded

Location Description
No descriptions recorded

Administrative Areas
豐田村 (日治時期村名)

Parcels
No parcels recorded

**Classification**

Classification
Type: 日治時期名稱

Related Features
No features recorded

**Resource Descriptions**

歷史
1910年（明治43年）6月，臺灣總督府殖產局，設立移民事務委員會，以負責決議移民計畫政策。而「豐田」地名，則在1911年（明治44年），經移民事務委員會，召開移民村命名，認為鯉魚尾南方地區（今壽豐村）土地豐饒，又多水田，故命名為「豐田」。另於1913年（大正2年），亦針對設置之行政中心及各部落環境地理特色，分別將行政中心，因位處各部落中心點位置，命名為「中里」，而舊部之部落，家家為大片森林，故命名為「森本」，另開設於花蓮溪旁的部落，由於地勢平坦，幅員遼闊，也就取名為「大平」，而座落於中央山脈「鯉臨山」下的部落，因地制名為「山下」。1911年（明治44年），臺灣總督府設置了「豐田移民指導所」，繼而於1912年（大正元年）正式興建移民村建設作準備，救濟上大飢饉，因為材料、人力不足，使得規定建設進度落後，直至1913年（大正2年），臺灣總督府才招募到日本移民179戶（866人），入墾「中里、森本、大坪」三個部落，正式開啟「豐田移民村」發展歷史。而為能提供「豐田移民村」教育、宗教信仰、醫療及農業發展等設施，「豐田移民指導所」，分別於1913年（大正2年）九月，設置「豐田尋常高等小學校」，並於1915年（大正4年），增設「山下」部落以及完成「豐田神社」、「豐田佛教所」的興建，並於1917年（大正6年）開設「豐田圳」，1918年（大正7年）設立種痘防過事務所，至此「豐田村」整體結構，大致建構完成。

**Measurements**

No measurements recorded

**External System References**

參考文獻：臺灣總督府，《官營移民事業報告書》，頁50—51。部落一詞用法源於，《官營移民事業報告書》對移民村各聚落稱呼。臺灣總督府，《官營移民事業報告書》，頁50—51。張素玢，《臺灣的日本農業移民以官營移民為中心》，頁83。

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⇄

## Related Resources

**Related Historic Resources**
豐田文史館 (is related to)
大阪式穀槽 (is related to)
地神 (is related to)
醫療所 (is related to)
豐裡國民小學 (is related to)
太白稻荒鵬槽 (is related to)
豐田車站 (is related to)
大中至正牌槽 (is related to)
豐蓮寺 (is related to)
廣島式穀槽 (is related to)
豐田玉拍賣所 (is related to)
天送文物館 (is related to)
山下私設埤圳埤 (is related to)
防空洞(民權街) (is related to)
壽豐數位學習中心 (is related to)
張羅 (is related to)
夢幻湖 (is related to)
豐裡村日本移民墓園 (is related to)
大同郵筒 (is related to)
綠色廊道 (is related to)
樂齡學堂 (is related to)
社區協會辦公室 (is related to)
日式舊屋(東坪街) (is related to)
豐田村移民指導所 (is related to)
防空洞(口袋公園旁) (is related to)
老校長的家 (is related to)
老人暇靜亭 (is related to)
五味屋 (is related to)
豐蓮寺鳥居 (is related to)
臺標豐田原社區(現為禾田野風味餐廳) (is related to)
壽豐文史館(壽豐客家文化館) (is related to)

**Related Historic Districts**
None

**Related Activities**
苑葉 (is related to)
社區旅遊業 (is related to)
有機、無毒農業 (is related to)
商業 (is related to)
棉花產業 (is related to)
水稻種植 (is related to)
養殖與畜牧業 (is related to)
香蕉種植 (is related to)
無籽西瓜 (is related to)
豐田玉 (is related to)
甘蔗產業 (is related to)

**Related Historic Events**
None

**Related People/Organizations**
日本 (殖民者, is related to)
閩籍 (移民, is related to)
新住民 (移民, is related to)
原住民 (在地族群, is related to)
客家 (移民, is related to)
外省族群 (移民, is related to)

**Related Information Resources**
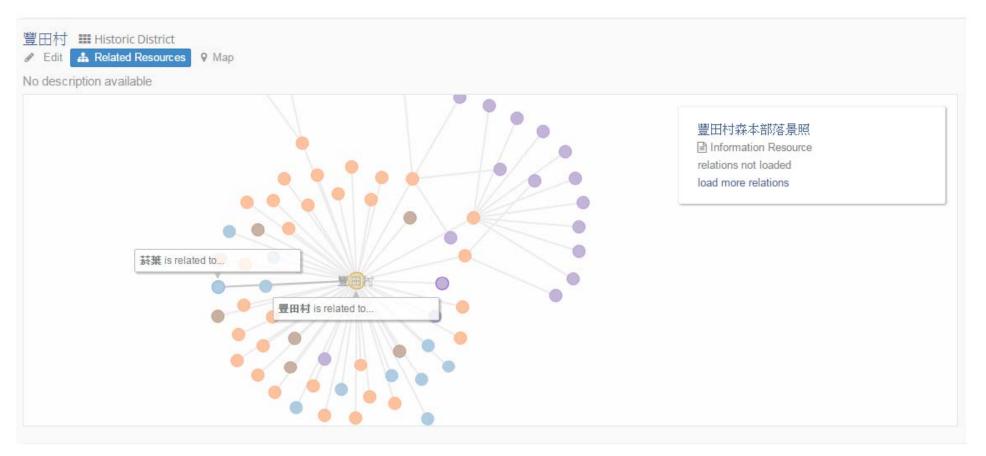images

退入，而座旁與後院，仍保存著「地下儲存槽」與「沼氣化糞槽」歷史遺蹟，甚屬難得。

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## 地神 🏛 Historic Resource
✏ Edit 🔆 Related Resources 📍 Map

早期日本神道教，以尊崇自然為信仰，因此不立神像膜拜，只會擇選具靈性的環境，安立石頭撰寫禱文，來祈求神靈降臨賜福與保平安。此座「地神」即為移民村時期日人安立，原安座於豐正路與豐坪路交叉口。1970年豐坪村村民，免地神遭受日曬雨淋之苦，因而集資為地神蓋了座小祠堂，同時設香案及金爐，將地神當作「土地公」般的來貢奉。2002年受到臺11丙道路擴寬計畫的影響，遷移至活動中心旁安座。

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## 豐田村 ⊞ Historic District
✏ Edit 🔆 **Related Resources** 📍 Map

No description available



豐田村森本部落景照
🖹 Information Resource
relations not loaded
load more relations

蔬菜 is related to...

豐田村 is related to...

# arches

HOME     SEARCH     MAP VIEW     RESOURCE MANAGER ⌄     RDM     🔍

## Reference Data Manager (RDM)

Search for a concept...

### RDM                        Tools ⌄

▼ NouLi

▶ Activity Type

▶ Actor Type

▶ Administrative Subdivision Type

▶ Beginning Of Existence Type

▶ Cultural Period

▶ Description Type

▶ End Of Existence Type

▶ External Xref Type

▶ Heritage Resource Group Type

▶ Heritage Resource Type

▶ Information Carrier Format Type

▶ Information Resource Type

▶ Name Type

▶ Resource To Resource Relationship Types

### NouLi (en-US) (ConceptScheme)                    Manage ⌄

**Labels**                                              Add label

NouLi (preferred, en-US)

**Notes**                                               Add note

**Broader/Narrower Concepts**                           Show tree

| Concept                                    ✕ |
| NouLi |

# Reference Data Manager (RDM)

Search for a concept...

## RDM

Tools ⌄

▼ NouLi

▶ Activity Type

▶ Actor Type

▶ Administrative Subdivision Type

▶ Beginning Of Existence Type

▶ Cultural Period

▶ Description Type

▶ End Of Existence Type

▶ External Xref Type

▶ Heritage Resource Group Type

▶ Heritage Resource Type

▶ Information Carrier Format Type

▶ Information Resource Type

▶ Name Type

▶ Resource To Resource Relationship Types

---

## 花蓮牛犁社區 (en-US) (Concept)

Manage ⌄

### Labels

Add label

花蓮牛犁社區 (preferred, en-US)

### Notes

Add note

### Broader/Narrower Concepts

Show tree

NouLi

Concept  ✕

Heritage Resource Type

Heritage Resource Type

花蓮牛犁社區

具歷史意義之公共設施    尚存之歷史資源

已不存在之歷史資源

社區辦公場所    社區活動場所

相關景點