VCenter

A solution for multimedia archives of NDAP

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IIS, Academia Sinica 2007/11/8



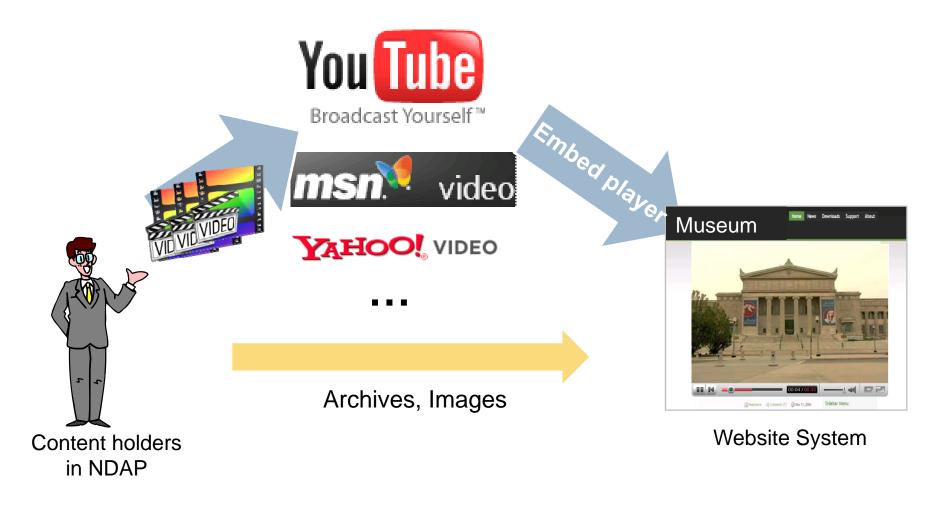
Outline

- Why did we develop VCenter?
- What is VCenter?
- What is the role of VCenter?
- How does it work?
- Who uses VCenter?
- VCenter Gadgets

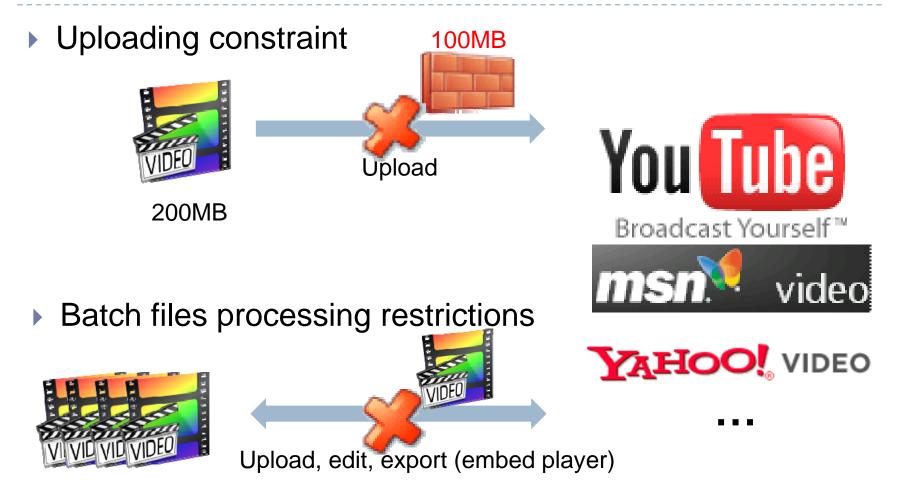
Why Did We Develop VCenter?



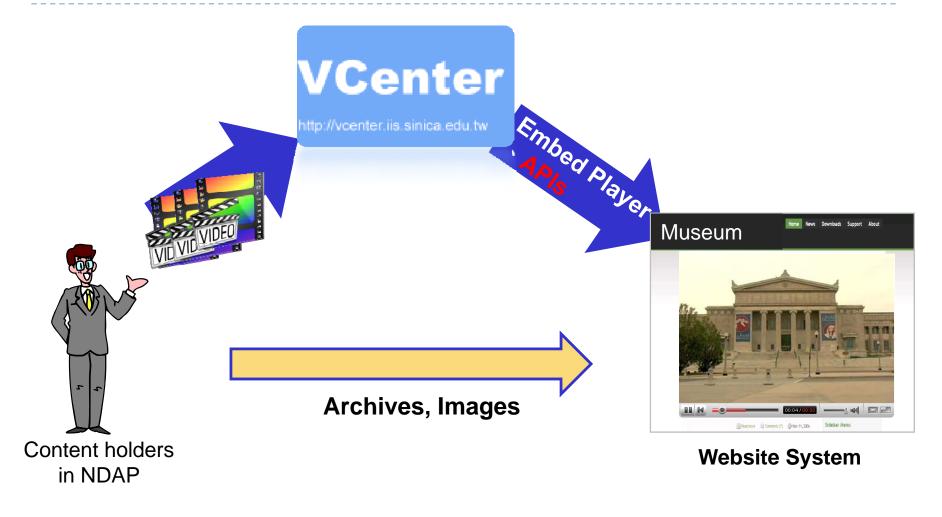
Well-known Multimedia Sharing Platforms



Some Limitations



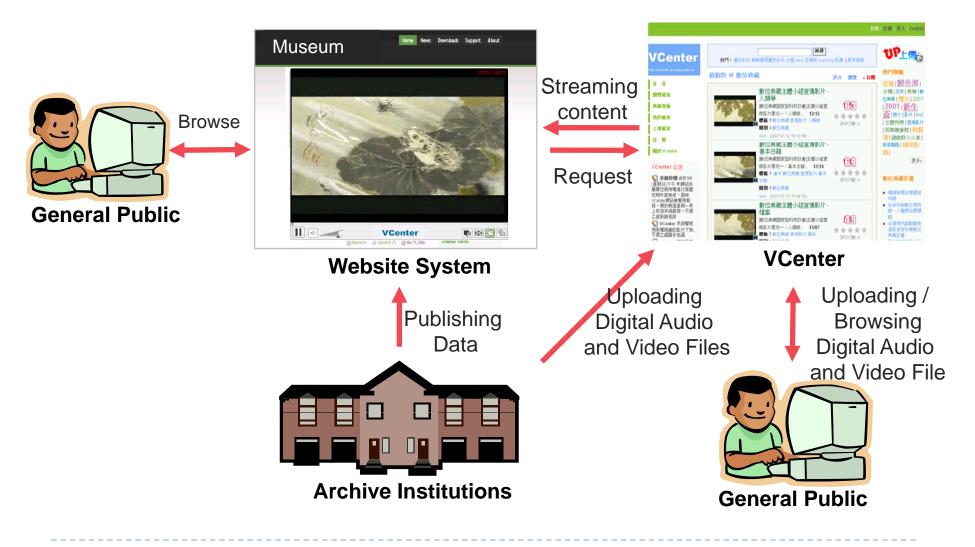
Why Did We Develop VCenter?



VCenter

- VCenter : Video Center
 - VCenter is a multimedia sharing platform
- For the general public:
 - Personal media blog (audio and video blog)
 - Upload / Watch / Share audio and video content
- For museum or archive programs:
 - Audio and video archive system
 - Upload / Broadcast / Manage batch audio and video content
- Online video editor
- Video Map

What is the Role of VCenter?

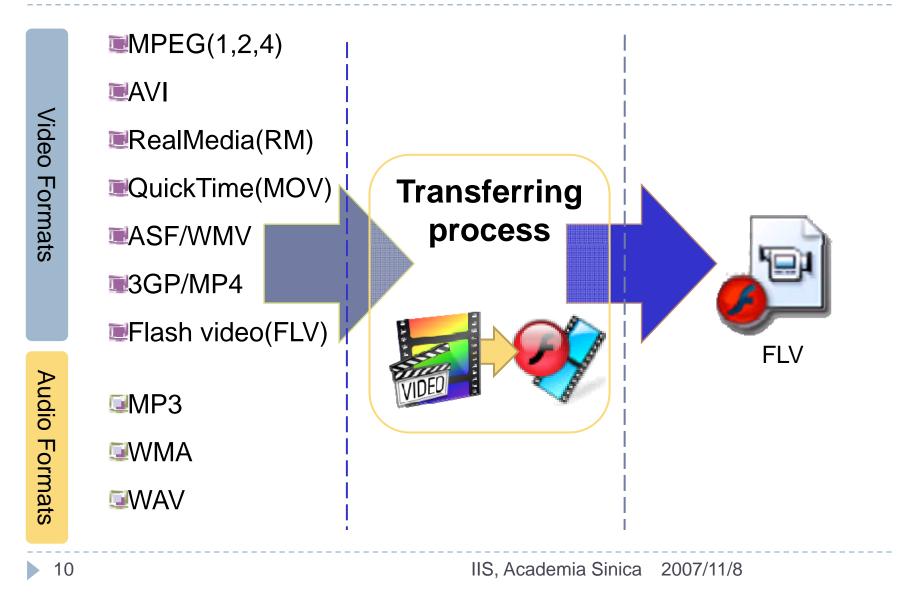


How to upload?

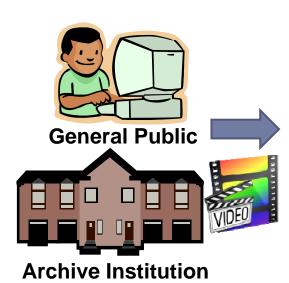
- Acceptable formats
- Upload a single file
- Upload the batch files



Acceptable Formats



Uploading a Single File

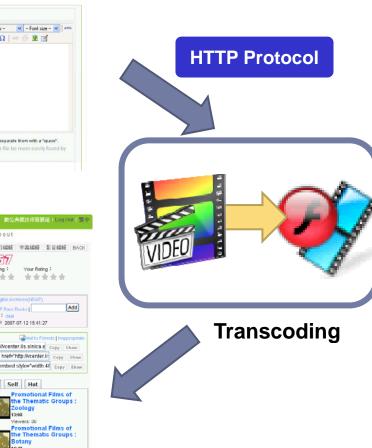


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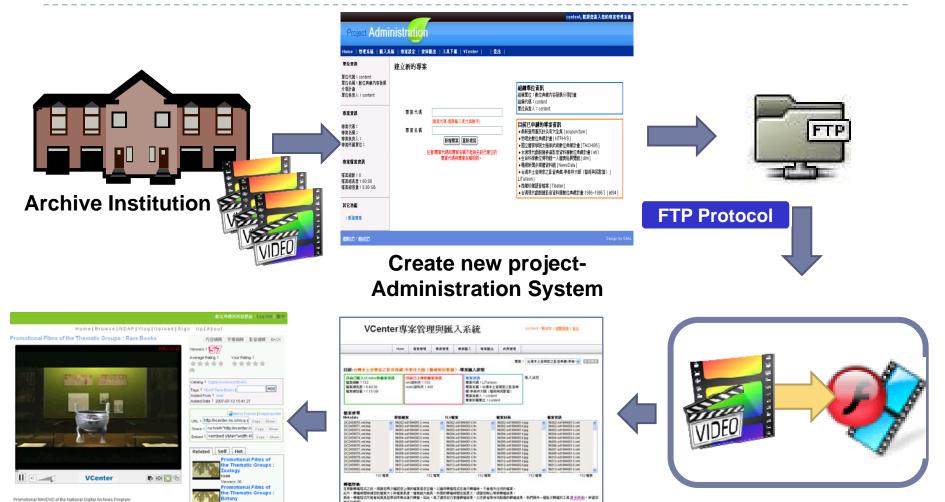
Upload Page

Watch Page





Uploading Batch Files



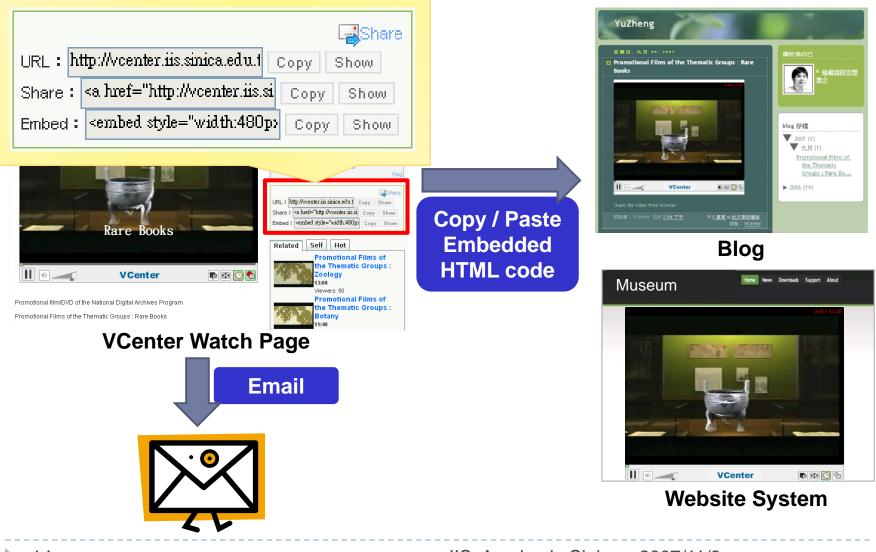
VCenter Watch Page

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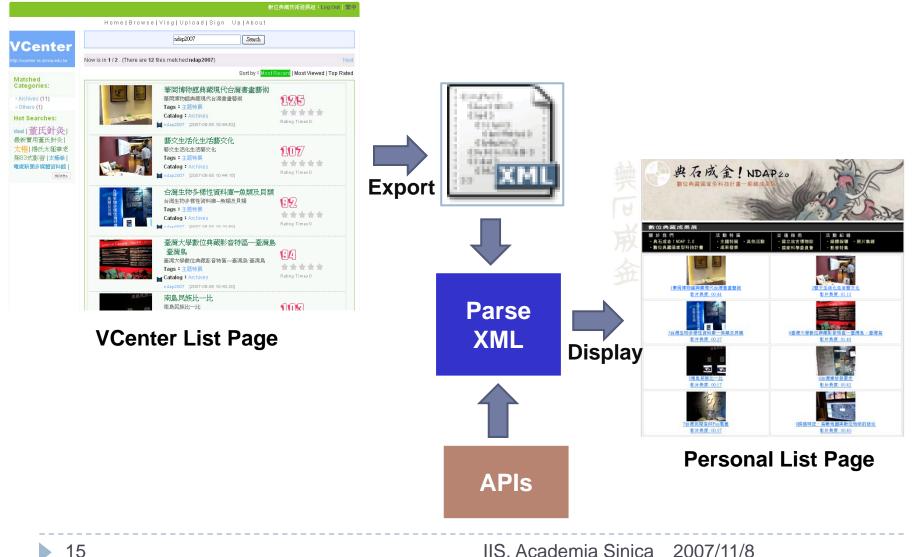
Import files and metadata – Administration-System Transcoding

How to broadcast your contents

Broadcast Your Contents



Broadcast Your Contents



What kinds of functions and services are provided by the VCenter?

- Social applications
- Online editor
- Video map
- Creative Commons License
- Exported data
- Administration

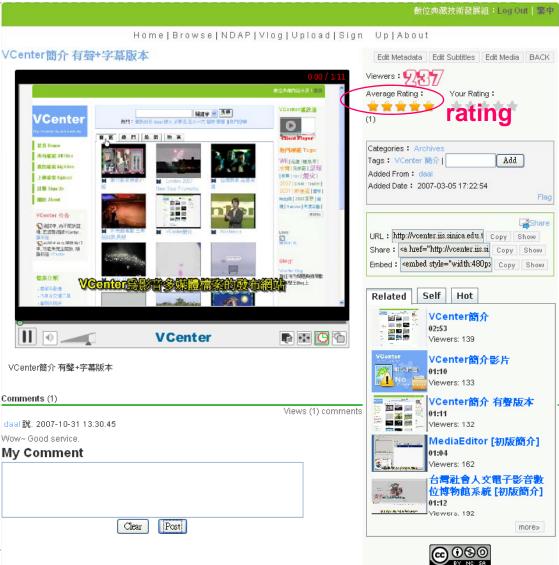
Social Applications

- Broadcast
- Category
- Tagging
- Rating
- Comments
- Search

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Customized template





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Online Editor – Watermarking

Embed watermarks

Copyright protection

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Online Editor – Subtitles Editing

Edit subtitles

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Online Editor – Cue Point Setting

Set cue points (Marker points)

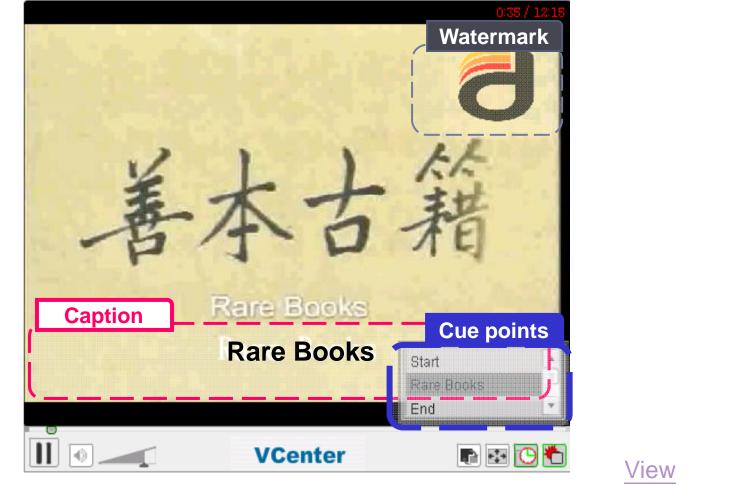
- Seek points
- Index points
- Key frames





VCenter Player

VCenter player – The setting result.



Video Map

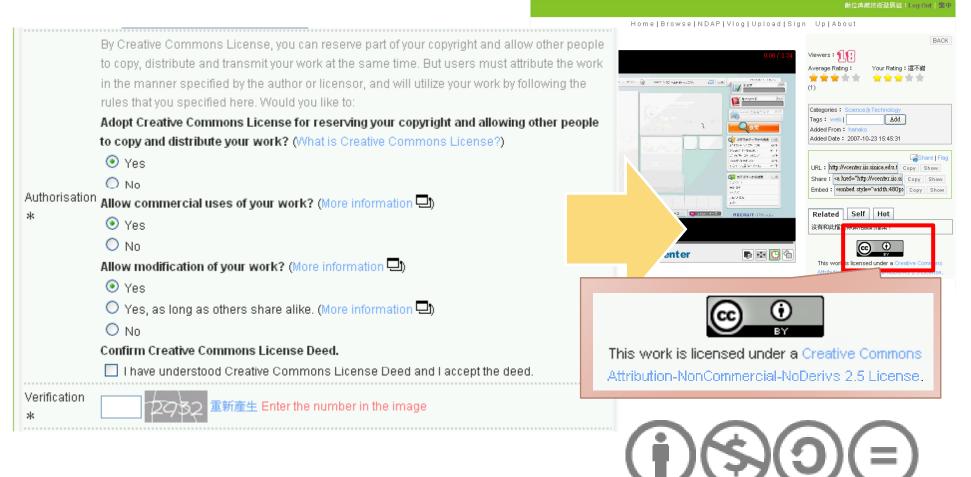
Video map

- Combining with Google Map
- Spatial search and browse



Licensing

Creative Commons license



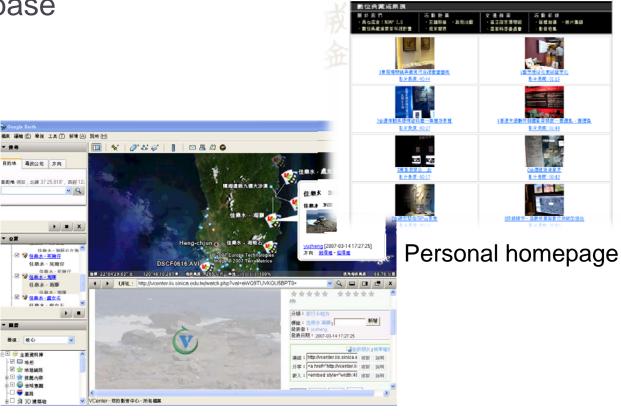
Exported Data

► XML

- Personal website
- Personal database

KML

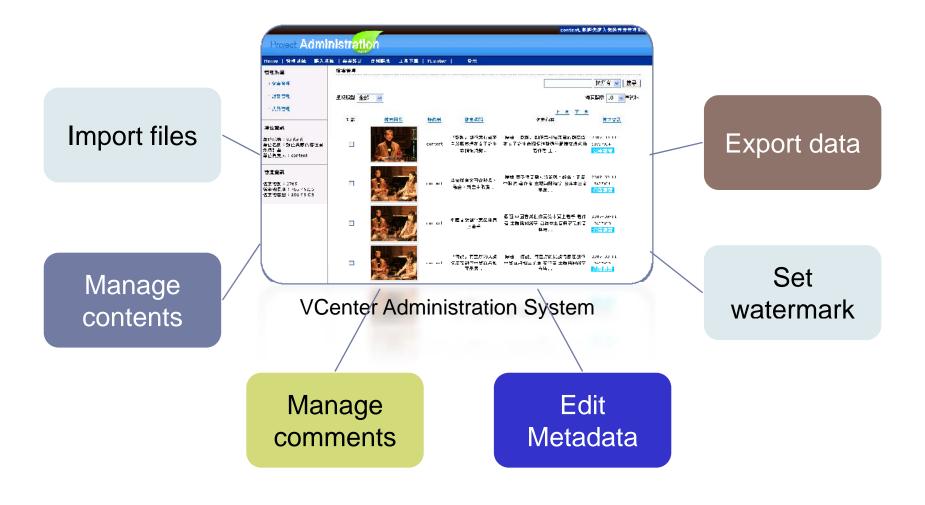
- Google map
- Google earth



與石成金! NDAP 20

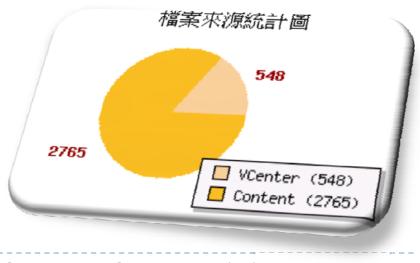
教仪典题画家型科技計畫一刻制

VCenter Administration System

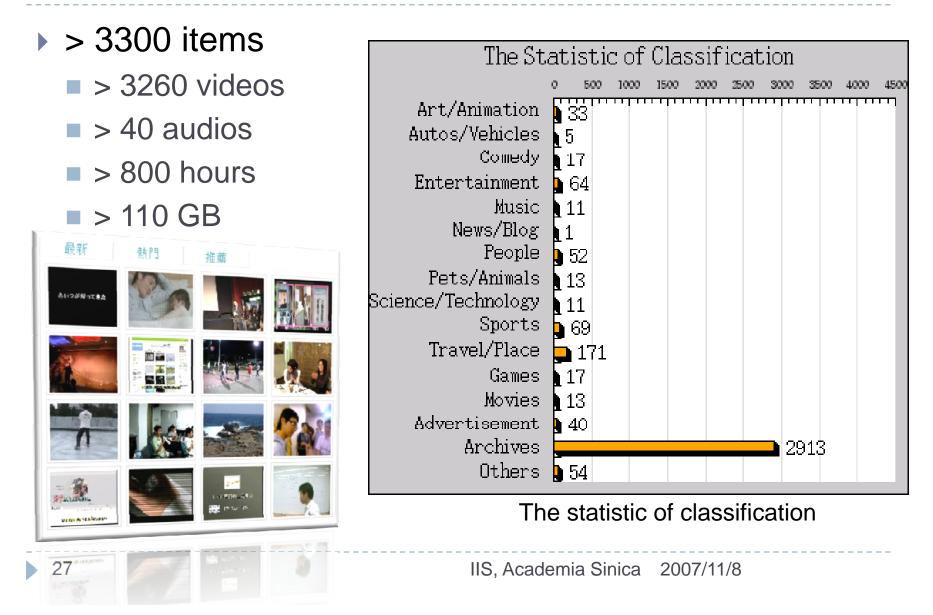


Who uses VCenter?

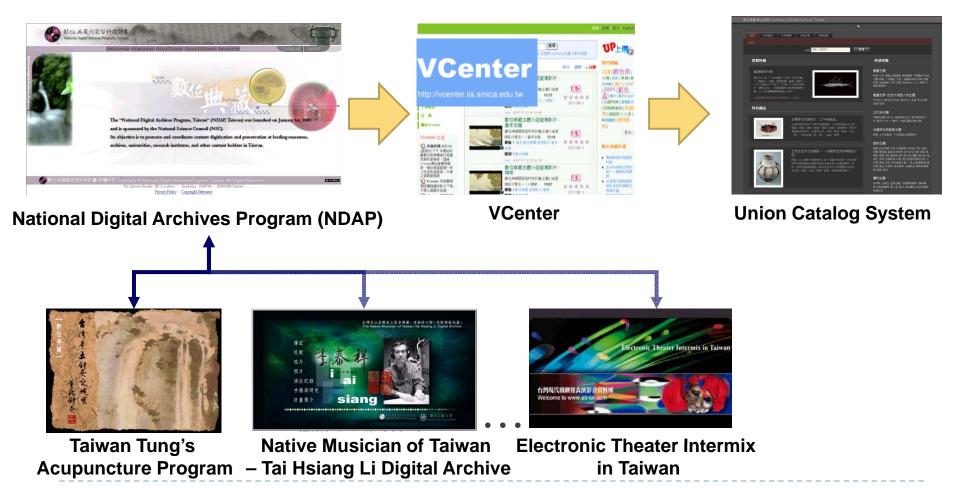
- VCenter Members
- National Digital Archives Program (NDAP)



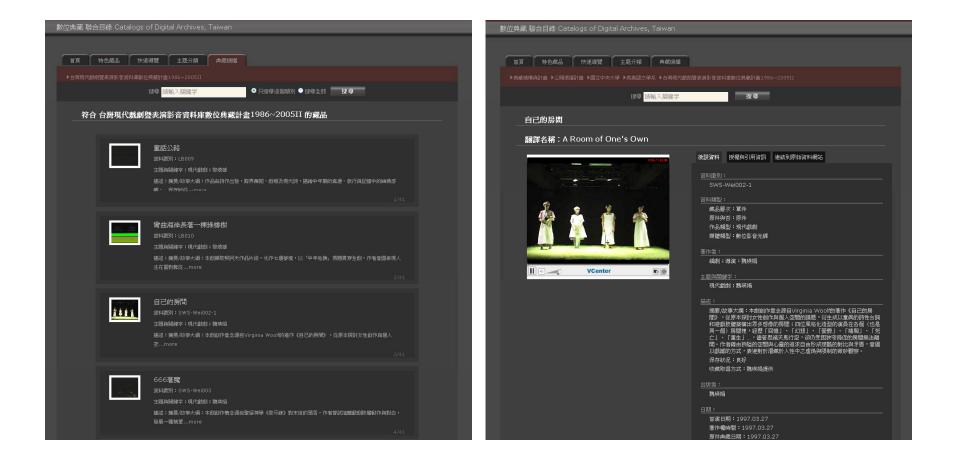
Statistics



National Digital Archives Program



Electronic Theater Intermix in Taiwan



National Digital Archives Program

- More than 2700 audio and video files are published in VCenter
 - > 760 hours
 - > 100 GB

數位典藏 聯合目錄 Union Catalogs of Digital Archives, Taiwan					
首頁 特色藏品 快速導覽 主題分類 典藏機構					
▶內容主題 ▶影音 ▶陳氏與楊氏太極拳武術 ▶影片					
搜尋 請輸入關鍵字	搜尋				
陳氏太極拳小架影音					
VCenter	後設資料 授權與引用資訊 連結到原始資料網站				

More Applications – Google Gadgets



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Future

Service

- Community service
 - Interacting with other users
- International Cooperation
 - Archive system
 - Customized applications

Thank you for your attention http://vcenter.iis.sinica.edu.tw/