

Activists' Guide to Archiving Video

IASA Conference * 7 Oct 2013







احفظ وشارك ...

أنت هنا: الرئيسية < الأفلام < أفلام المحافظات < أفلام محافظة حمص

أفلام محافظة حمص

مراسل شبكة شام طارق الحمصي يرصد تصاعد أعمدة الدخان جراء القصف العنيف والمتواصل على أحياء مدينة حمص المحاصرة.



Sham Hama smoke from continuous shelling 2013-07-10 0:06 / 0:47

أحدث أخبار حمص

حمص - قلعة الحصن

قصف مدفعي وصاروخي من قبل قوات النظام يستهدف
مدينة الحصن بريف حمص.

كتب بتاريخ الجمعة, 20 أيلول/سبتمبر 2013 00:28

حمص - قلعة الحصن

سقوط عدد من الجرحى جراء تجدد القصف بالمدفعية
الثقيلة وراجمات الصورايغ على مدينة قلعة الصحن
بريف حمص.

كتب بتاريخ الخميس, 19 أيلول/سبتمبر 2013 21:53

حمص

قوات الأسد تستهدف بالدبابة ورصاص القناص حي
الوعر القديم بحمص.

كتب بتاريخ الخميس, 19 أيلول/سبتمبر 2013 19:13

YouTube videos to form key part of Syria dossier

MPs will on Thursday be directed towards a series of YouTube videos which form a key part of the Government's dossier of intelligence justifying imminent missile strikes to punish Bashar al-Assad's regime for using chemical weapons.





U.S. Senate Select Committee on
INTELLIGENCE



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Syrian Chemical Weapons Use Videos

[Attached are 13 videos](#) compiled by the Intelligence Community (IC) from videos taken in Damascus, Syria following the use of chemical weapons on August 21, 2013.

This material may contain copyrighted works, further reproduction or dissemination is prohibited without permission of the copyright holders.

Warning: These videos contain disturbing images of dead bodies, including children. **VIEWER DISCRETION IS ADVISED.**

Methodology – Selecting and Obtaining the Videos: Each of these 13 videos explicitly claim to show victims of a chemical or poison gas attack. At the request of Chairman Feinstein, these videos were selected by the IC to depict a representative range of YouTube content posted regarding the reported 21 August chemical weapons (CW) attacks in the suburbs of Damascus, Syria. All of the videos were posted on YouTube by pro-Syrian opposition users. With one exception, all 13 videos were posted by a pro-opposition Internet news channel that consistently posts user-created videos concerning the Syrian conflict. The news channel does not primarily generate content, but instead re-posts content originally posted by others.

These videos were shown to the Intelligence Committee on Thursday, September 5.



Breaking: Leaked Footage of Islam Battalion Launching Infamous Ghouta Chemical Attack on Aug 21

by Eretz Zen • 2 days ago • 22 views

This video footage that recently surfaced shows jihadi militants from the Islam Battalion that operates in the Damascus suburb of ...

NEW HD



Syrian Activist on Ghouta Attack: "I Haven't Seen Such Death in My Whole Life"

by democracynow • 3 weeks ago • 53,537 views

<http://www.democracynow.org> - The Syrian government is facing growing pressure to allow an international probe of an alleged



18 Syria Dictator Assad Gases Ghouta Massacres 150 Civilians in Horrific War Crime 8 21 13

by Syria war • 4 weeks ago • 2,111 views

news bloopers, fox news, onion news, funny news bloopers, news failbreaking news, bbc news news reporter news fails cbs news ...



Syria SAA liberated Shebaa town in Eastern Ghouta [Damascus countryside] RTArabic

by HTnews • 1 day ago

NEW



A statement from Jobar's Medical Point regarding the chemical attack

by freeSyrianTranslator • 4 weeks ago • 64,054 views

This is a statement from Jobar's Medical Point regarding events that took place at the early hours of dawn today. The front of Ain ...



Syrian Activist on Ghouta Attack "I Haven't Seen Such Death in My Whole Life"

by freespeechtv • 3 weeks ago • 1,342 views

The Syrian government is facing growing pressure to allow an international

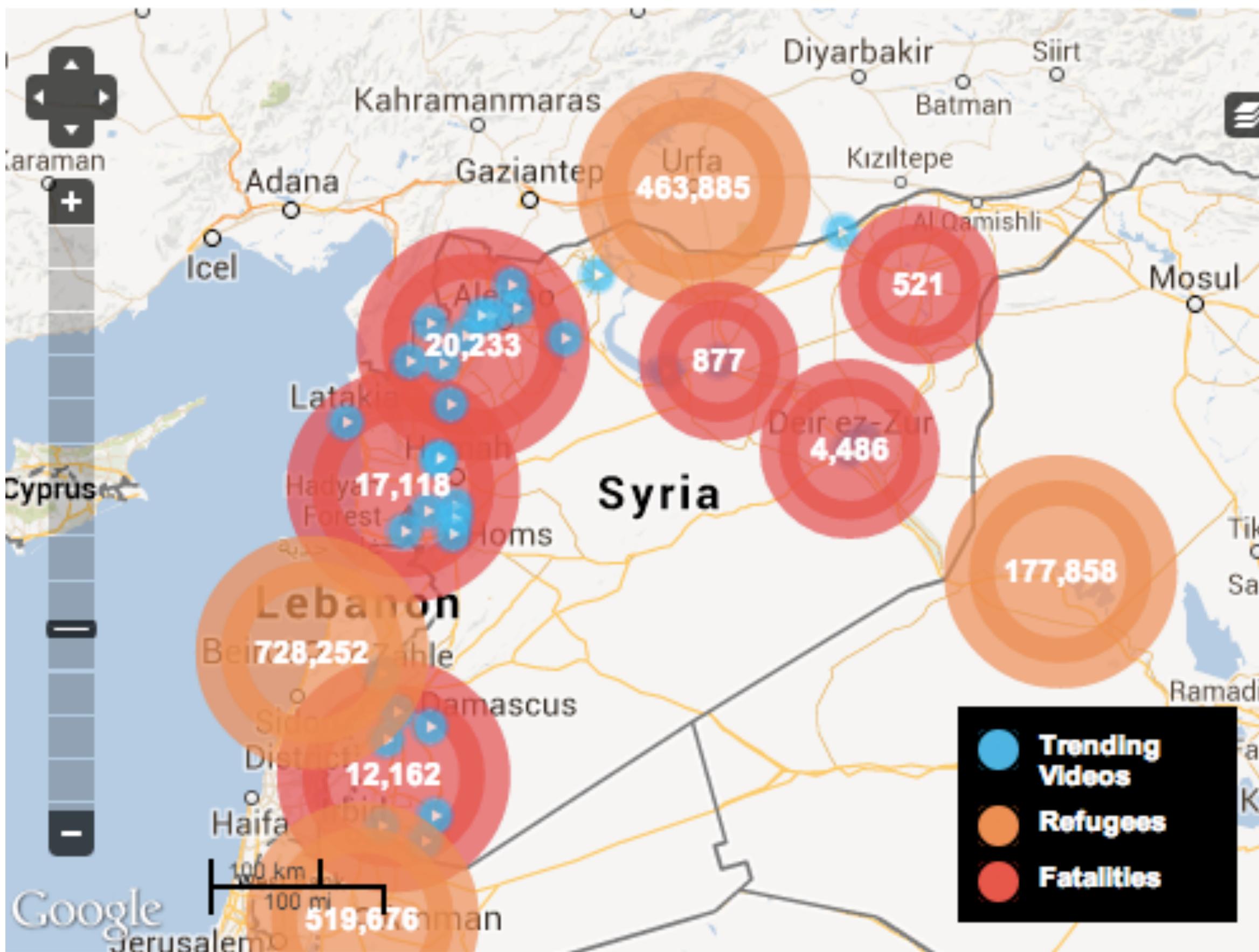


Image from Syria Deeply beta.syriadeeply.org





WITNESS

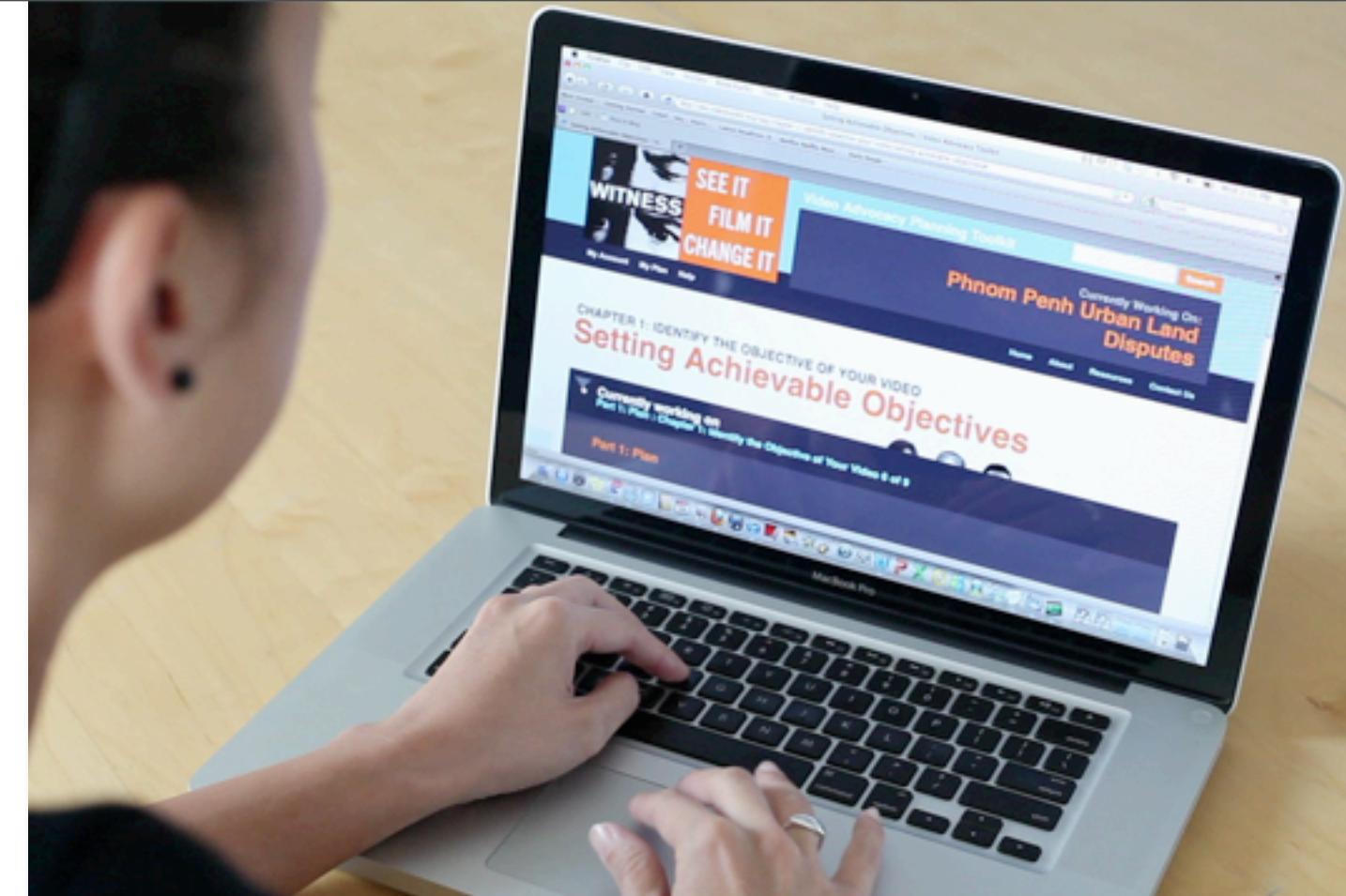
GETTY IMAGE

A large, dense crowd of people is seen from behind, filling a stadium or arena. They are all facing towards the front, where a person in a dark graduation gown and cap is walking across the stage. The scene suggests a graduation ceremony.

OVER 20
YEARS OF
CHANGE



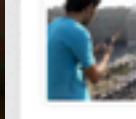
CONDUCTING SAFE, EFFECTIVE AND ETHICAL INTERVIEWS WITH SURVIVORS OF SEXUAL AND GENDER-BASED VIOLENCE



WITNESS Blog
BLOG IT. SHARE IT. CHANGE IT.

VIDEO FOR CHANGE ISSUES HOW TO & TOOLKITS

Staff Picks

-  Abuse by Viral Video: Break the Cycle with Identity Protecting Tools
Posted in: Featured, Video for Change
-  Attention Human Rights Activists: Learn How to Archive Your Video with our New Guide
Posted in: Archiving Human Rights, Featured
-  هل تقوم بتصوير التهكبات حقوق الإنسان في مجتمعك؟ إذا كانت إجابتك بنعم، استمر في القراءة
Posted in: Featured, How-To & Toolkits, Video for Change

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SEE IT FILM IT CHANGE IT

English Français Español
Presented by **WITNESS**

THE HUB BETA

The global platform for human rights media

EDITOR'S PICKS COMMUNITY PICK MAP

Important Update About The Hub

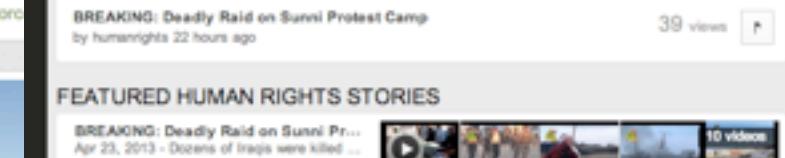


HUMAN RIGHTS CHANNEL

Human Rights Channel [BETA] Subscribe 1,752

Featured Browse videos

 As Protests Rock Brazil, "People's Cup" Cells Evictions
Massive protests across the country forced evictions taking place during the World Cup and 2016 Olympic Games

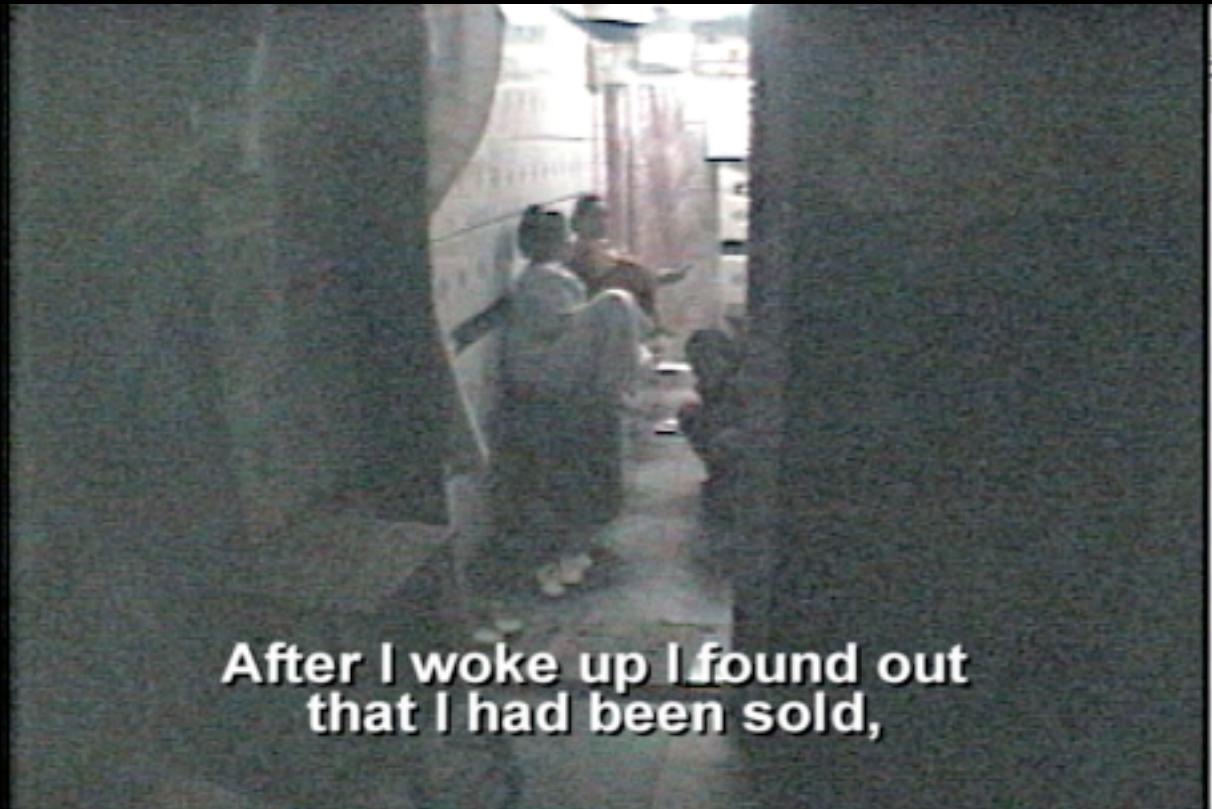
 BREAKING: Deadly Raid on Sunni Protest Camp
by humanrights 22 hours ago

FEATURED HUMAN RIGHTS STORIES

 BREAKING: Deadly Raid on Sunni Protest Camp
Apr 23, 2013 - Dozens of Iraqis were killed ...



They started attacking us with bombs.



**After I woke up I found out
that I had been sold,**



**We used to make 150 rupees daily.
Some people, even I, made 200 rupees.**



**These are the remains of the Vila Recreio 2
community on the Avenue of the Americas.**







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Acquire

Receive video and metadata from a source and add it to your collection.

Catalog

Create a structured and searchable system for creating and managing metadata, and finding your videos.

Create

Start archiving your video at the point of creation.

Organize

Organize your digital video files and documentation.

Preserve

Ensure that your collection will be preserved and accessible far into the future.

Transfer

Move video and metadata from one device or location to another.

Store

Store your videos, manage the storage environment, and recover from errors.

Share

Make your collection accessible to others outside your organization.



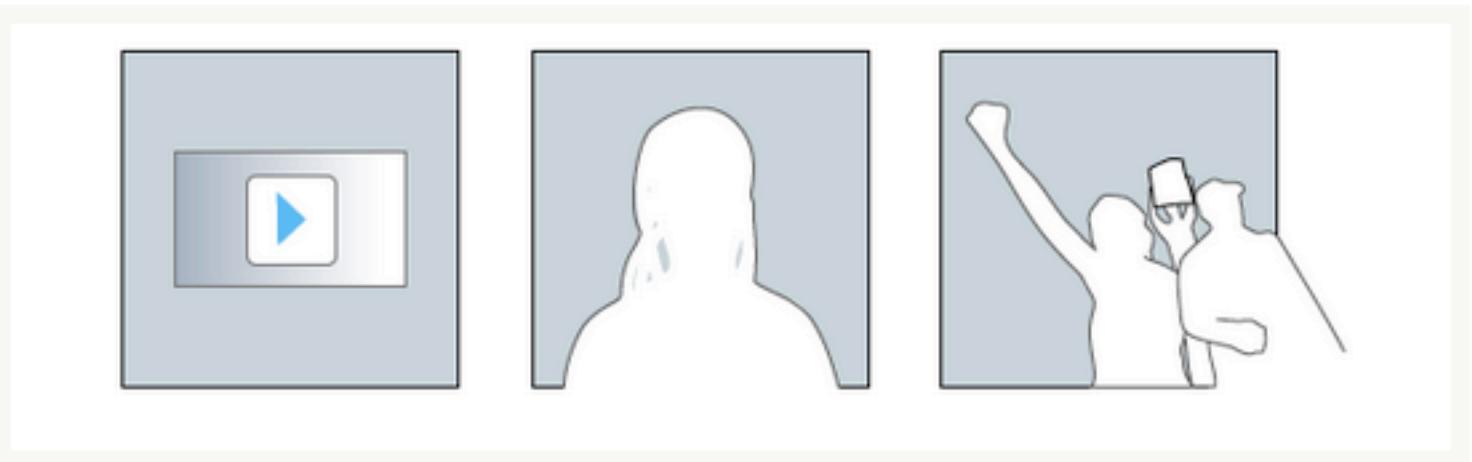
A screenshot of a video editing software interface, likely Final Cut Pro X, showing a complex project timeline. The top menu bar includes options like 'File', 'Edit', 'Composition', 'Effects', 'Markins', 'Inspector', 'Preview', 'Player', 'Script', 'Help', and 'About'. Below the menu is a toolbar with various editing tools. The main workspace features a horizontal timeline at the top with timecode labels from 01:00:00:00 to 01:06:30:00. Below the timeline, several tracks of video clips are visible. One track contains clips labeled 'MOV001' through 'MOV003'. Another track has clips labeled 'VDO00016' and 'VDO00018'. A third track shows a sequence of clips labeled 'VDO00016', 'VDO00018', 'VDO00018', and 'VDO00018'. A fourth track is mostly empty except for a few frames. The bottom of the screen displays a large number of small thumbnail preview images for the clips in the project.

Catalog: Structure and Rules

Cataloging is all about structure and rules.

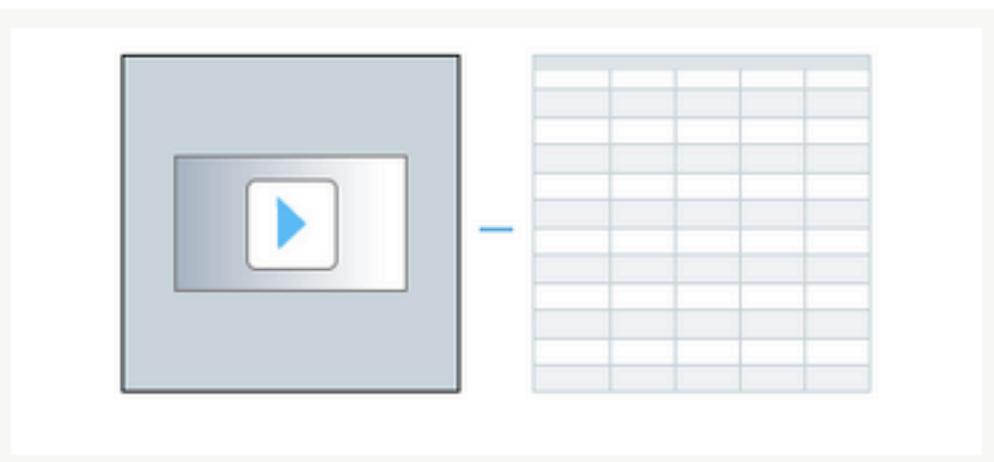
Metadata Structure

To begin, every catalog must have a structure, or [data model](#), that defines entities and the relationship between different entities. An [entity](#) is a “thing” about which data is collected, such as a video, a person, or an event. In a relational database, an entity is the equivalent of a table.



An entity is any “thing” that is being described.

In its simplest form, a catalog may only have one entity. In an inventory, for example, the entity or “thing being described” might be the video file. Each record in the inventory spreadsheet represents one video file, and all of the data in the spreadsheet describe those files.



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- Español
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Organize: Using Unique Identifiers

What is a Unique Identifier?

A **unique identifier** is a number or code that can unambiguously distinguish one object from another in a given system, and group things associated with an object together. We frequently encounter unique identifiers in our everyday lives, such as credit card numbers, phone numbers, barcodes, and book ISBNs. A credit card number, for instance, distinguishes your purchases from someone else's, and allows all of your purchases to be grouped together on one bill.



A product barcode is an example of a unique identifier.

You can use unique identifiers to organize your videos. Imagine that you have 10 video files acquired from various sources, whose camera-assigned filenames have all been changed. When you review the videos, you find that 9 are unique, and one is a copy. You can create 9 unique identifiers to distinguish the 9 videos from one another. You can also give the one non-unique copy the same unique identifier as its original to associate them together.

Files as Acquired	Files with Unique Identifiers Added
Name	Name
■ ASEANSummit.mov	■ A0001_Free15.mp4
■ BKL.mp4	■ A0002_BKL.mp4
■ ConferenceHousing.mov	■ A0003_ASEANSummit.mov
■ Detainees.mov	■ A0004_LandGrab.mov
■ EvicteesMarch.AVI	■ A0005_Detainees.mov
■ Free15.mp4	■ A0006_ViolentCrackdown.flv
■ HousingConf.mov	■ A0007_UNSecretary.mov
■ LandGrab.mov	■ A0008_EvicteesMarch.AVI
■ UNSecretary.mov	■ A0009_HousingConf_LowResCopy.mov
■ ViolentCrackdown.flv	■ A0009_HousingConf.mov

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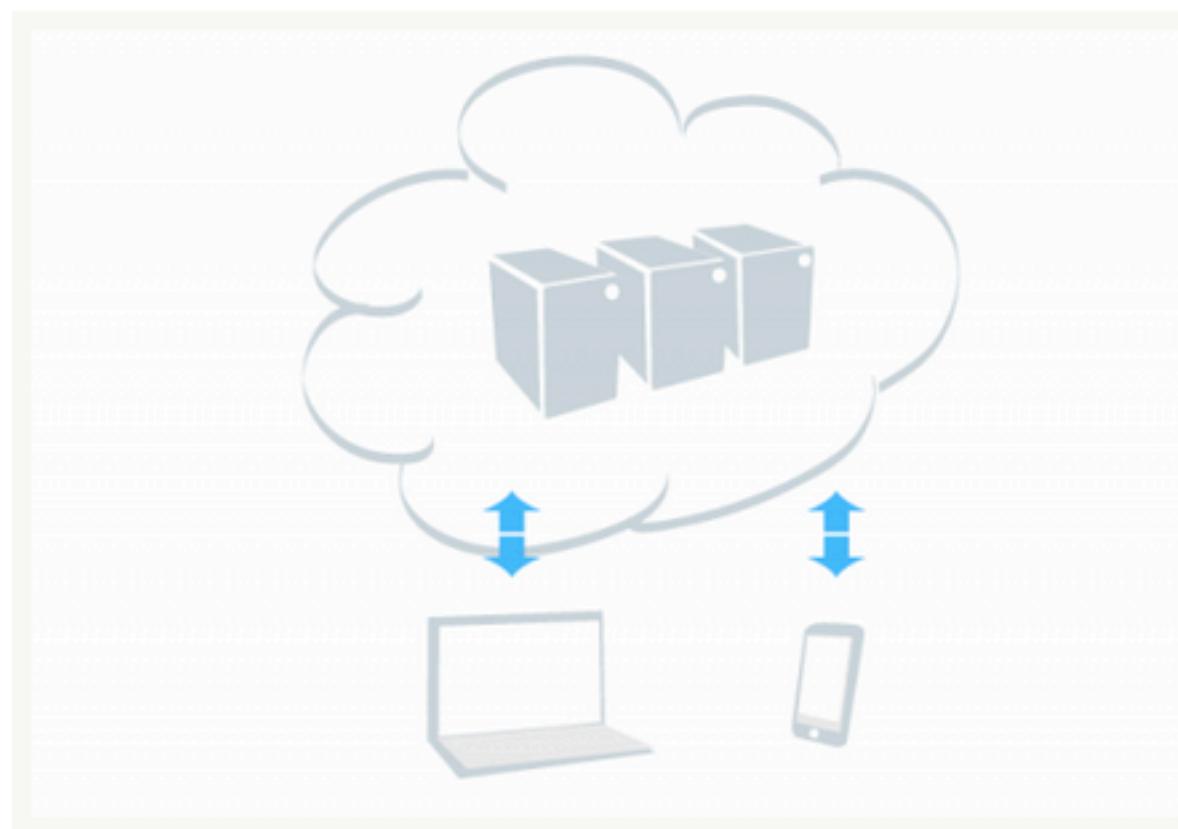
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Transfer: Uploading and Downloading Video

Video can be [uploaded](#) from a camera or from a computer to a remote system in order to allow someone in another location to view or [download](#) the video. The remote system could be one that you own and control, owned by an entity that you pay a subscription fee to use (e.g. Amazon, Dropbox), or owned by an entity that lets you upload for free (e.g. YouTube, Internet Archive).



Transferring Video Files

No matter how or where you upload and download, transfer video files in a way that preserves their [authenticity](#) and [usability](#):

» Transfer the original file

For raw video footage, the [original file](#) is the most authentic and highest quality copy of your video, and contains valuable [embedded metadata](#). Upload your original files to a location that will maintain their [integrity](#) and that will allow you to download without altering or [transcoding](#) the files. Always download original files if they are available.

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Resources: Video as Evidence

Video is increasingly serving as evidence in a broad range of legal settings, but there are currently no universal concrete standards for admissibility. If you want to use a video as evidence, ensure that you investigate and consult legal professionals on the requirements relevant to your court's jurisdiction.

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From the Thomas Lubanga Dyilo case at the International Criminal Court (ICC).

As a rule, however, any evidence must first and foremost be deemed relevant to the case or investigation in question, and to hold probative value. Probative value is the ability of evidence to prove an issue, and increases when the evidence can be shown to be **authentic** and reliable. The actions you take to ensure the authenticity of your video therefore strengthen its probative value.

Video evidence needs to be properly documented and handled to maintain its authenticity. According to Elliott Goldstein, author of *Visual Evidence: A Practitioner's Manual*, "any defensible procedure for documenting and preserving digital video evidence must answer these questions:

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Monday, October 7, 13

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Store: Storage Media / Hardware

Choosing Storage Media

There are many different types of storage media, and you can use them in different combinations in a storage system. How to decide? Here are some key considerations:

» Level of IT support available

You will have problems if you choose a system and do not have access to the resources and skills needed to operate and maintain it.

» Size of your collection

Consider the total size of your collection and the size of an average file. If your collection is made up of large video files, for example, DVD-Rs are probably not a good choice since each disk can only hold 4.7 GB of data. Even if your files could fit on a disk, you would end up having to manage hundreds of disks (which could easily fit on a single hard drive).

» Who needs access and where

Different devices and media offer varying degrees of accessibility. If multiple people need to access the collection at the same time from different places, for example, a set of external USB hard drives will not work as well as a networked storage device, like a **NAS**.

» Ease in refreshing

The ease with which your files can be copied to new media and hardware is an important consideration. Copying data off hundreds of DVD-Rs, for example, would be very tedious!

Comparison of Typical Storage Media / Hardware

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Preserve: Prioritizing for Preservation

Because of the significant resources that [preservation](#) requires, it is prudent to prioritize some videos over others for long-term retention and access. Note that your priorities for long-term preservation might differ from your priorities for immediate or medium-term use.

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For example, sharing an Al Jazeera newscast on your website might be a good idea now, but you may not want to preserve it in the long run because it belongs to Al Jazeera and it is being preserved elsewhere, probably in a higher quality and with more documentation. Your resources would be better spent preserving an original evidentiary video in your collection that no one else has.

Here are some general prioritization criteria to maximize your preservation resources:

» **Archival Value?**

Is the video significant and useful as evidence or information?

» **Unique?**

Is this video a copy? Is the original or a higher quality copy being preserved elsewhere? Note that sometimes a lower quality copy is the only one that exists, and is worth keeping.

» **Has Context?**

Does the video have enough context to be understandable as evidence or information?

» **Rights?**

Does the video belong to someone else, and are your [rights](#) to reuse it limited?

Archival Value	Video from known activist's camera, with complete metadata.	Youtube video by anonymous activist with limited descriptive information.	Al-Jazeera news video retrieved from the web.
Uniqueness	Yes	Yes	Yes
Sufficient Context	Yes	Maybe	No
Rights	Yes, if obtained.	No, needs research.	Yes
Preservation Priority	HIGH	MEDIUM	LOW

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Preserve: Working with an Archive

Most individuals and organizations cannot do long-term [preservation](#) on their own. Rather, they partner with an institution that has a specific mandate for preservation, such as an [archive](#), historical society, museum, or library. You may also look to institutions engaged in gathering evidence, like human rights organizations, documentation centers, and courts and tribunals that have archives.

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Institutions like the US Library of Congress have significant infrastructure to support archiving and preservation.

An archive that is potentially interested in acquiring your collection will likely want to first assess whether it has value and fits with their interests, and what the usage restrictions will be. The archive will also want to do an initial survey of your collection to understand its size, scope, and [formats](#). Having an inventory or catalog of your collection can facilitate this process.

Working with an archive does not mean that you must give up your collection. With digital collections, you can easily deposit an exact copy of all your videos and documentation to an archive, while holding on to your own copy. Because of their investment, most archives will want rights to provide access to your collection to their users, and many will want you to eventually donate your collection. Some archives, however, are open to deposit relationships where you do not have to give up ownership of your collection.

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archiveguide.witness.org

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Store your videos, manage the storage environment, and recover from errors.

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Make your collection accessible to others outside your organization.



Create: How to Capture Metadata and Documentation

There are many ways to capture **metadata** about your video at the point of creation. Information can be captured in an automated or manual fashion, and can be **embedded** in the video file or recorded in a separate document. Different methods have different safety and security risks and logistical requirements.

The basic ways to capture information about your video are:

- » **Camera settings**



You can enable and embed metadata with your camera settings.

Depending on your camera, you may be able to embed the date, time, geolocation, creator's name, and other metadata in the video file. Check your settings to see if these features are turned on and if they are correct. Also, if you have options for recording format, select the highest quality ones that

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Storage Strategies

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CAUTION!

» Beware physical threats

Your storage devices may be vulnerable to physical theft, seizure, or destruction. Protect your stored collections by controlling access (e.g. a locked room), monitoring the area (e.g. security camera, alarm system), and keeping them away from potential physical hazards (e.g. windows and heating/air conditioning units, and off the floor).

» Beware network threats

If your storage devices are connected to your network, they may be vulnerable to hacking and **malware** such as viruses or spyware. Some precautions include making sure you have firewall software installed and turned on, only downloading or opening attachments from known and trusted sources, and using strong, uncompromised passwords.

» Encrypt smartly

Encrypting your storage devices or volumes can be risky. While encryption protects sensitive data from being read by the wrong people, it can also mean that your data is locked up forever if you lose the key. Depending on the encryption, there may be no way to “crack” or decrypt your files without the key.

WHAT'S NEXT

[Storage Strategies](#)

Techniques to manage your storage.

[Storage Media / Hardware](#)

Types of storage media or devices that might be best for you.

to periodically check your files for errors to ensure data integrity.

- Consider your available IT support, nature and size of your collection, and access requirements when choosing storage media and devices.
- Different storage media and devices are ideal for different situations. Choose the ones that suit you.
- Fault tolerant storage (i.e. **RAID**) can protect your files when hardware fails, but it is not the same as copying or backup.
- Anticipate the need to **refresh** (i.e. replace) your storage media and devices every few (approximately 3-5) years.



Refreshing

Storage devices are not long lasting, and need to be replaced every few years before they fail.

[Read More](#)

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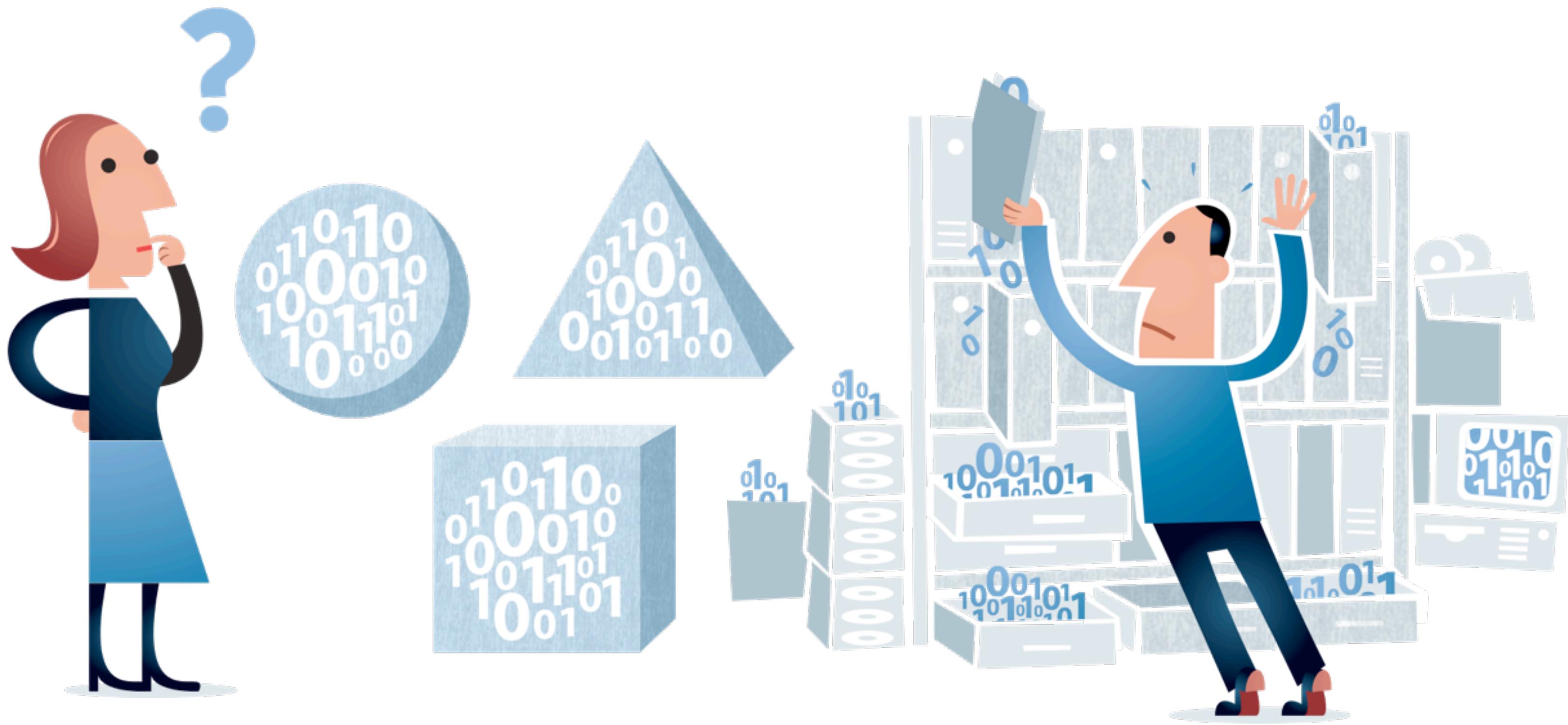
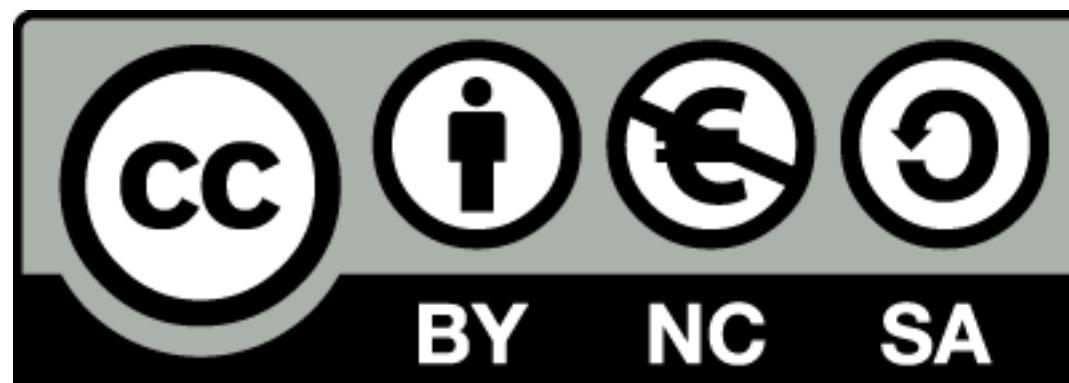
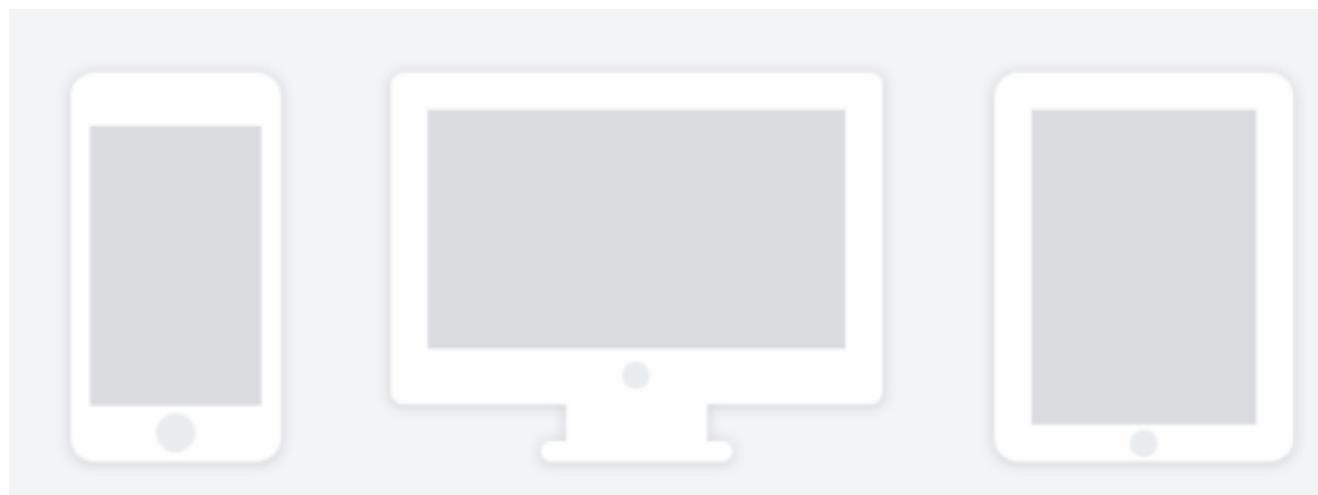


Image by Jorgen Stamp, www.digitalbevaring.dk



Activists' Guide to Archiving Video

Guía para Activistas para Archivar Video

دليل الناشطين لأرشفة الفيديو

Audience Overview

Jul 17, 2013 - Oct 1, 2013

Advanced Segments Email Export Add to Dashboard Shortcut



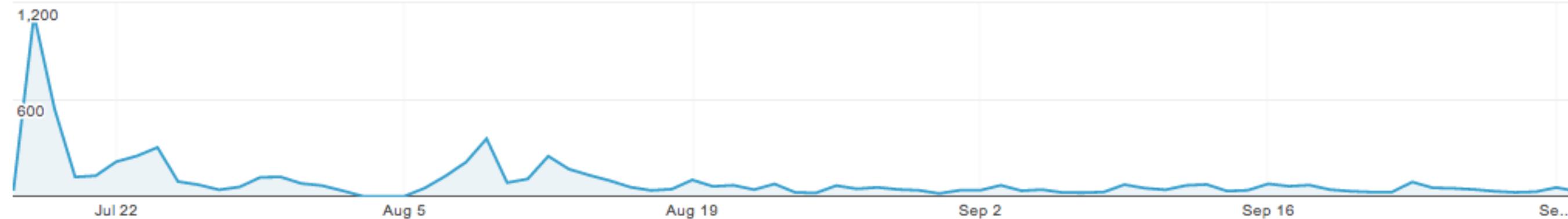
● % of visits: 100.00%

Overview

Visits VS. Select a metric

Hourly Day Week Month

● Visits



5,048 people visited this site

New Visitor Returning Visitor

Visits

7,139



Unique Visitors

5,048



Pageviews

18,571



Pages / Visit

2.60



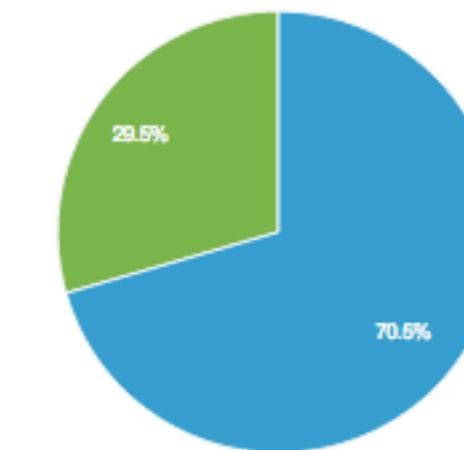
Avg. Visit Duration

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