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Snapshots: Bridging the gap between operation and archiving of software-based artworks

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UNIVERSITY OF AMSTERDAM



European
Commission

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for Research & Innovation

H3K

>> What is a snapshot?

>> Example: www.TraceNoizer.org

>> Web crawling snapshot

>> Container/Emulator snapshot

>> Snapshots of Contemporary Art?

>> What is a snapshot?

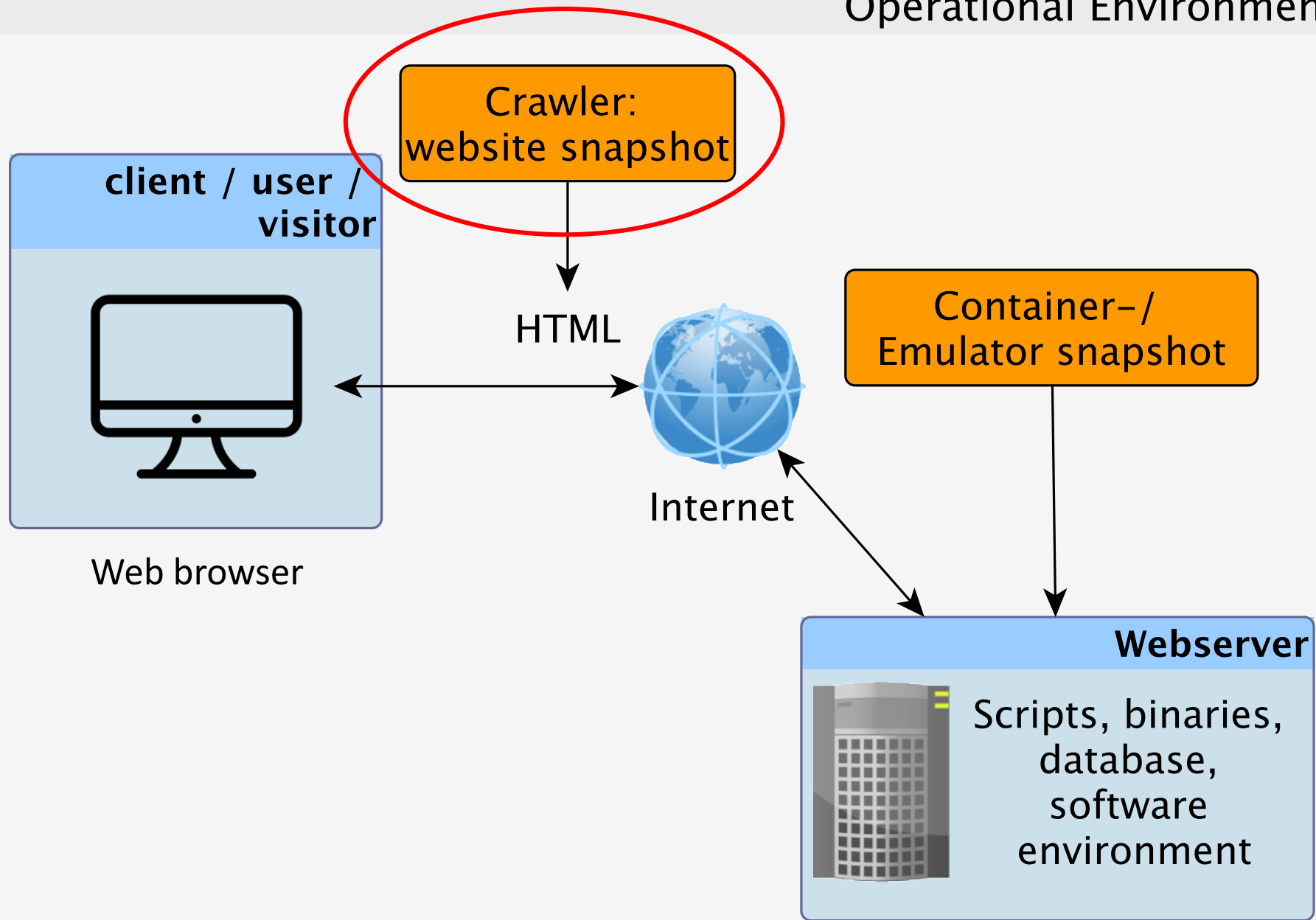


- It documents a **specific situation** of a work that **changes over time**
- It is **not** a generic description of a work, as for instance the significant properties or the concept of an artwork.
- It is rather about **capturing the execution** or **a manifestation** of a work.
- It is about catching the **current stage** in order to remember and access it later. → it should have a certain **permanence**

Snapshots of TraceNoizer.org



Operational Environment



TraceNoizer

Disinformation on Demand

Version 3.0
English Deutsch

(Ctrl) Clone Control Center

Create Clone Account

(Alt) TraceNoizer Theory

- Databody
- Cloning
- Controlling

(/Alt) General Commands

- About Us
- Privacy Policy
- Fun Stuff
- FAQs

TraceNoizer

TraceNoizer is a webbased search, analysis and publication system.

TraceNoizer generates clones from your databody in order to disinform those, who are spying on you.

[See Clone Examples at www.clone-it.org](#)

[Create your own Account and Clones](#)

[See how a Clone is processed](#)

(/Ctrl) TraceNoizer Technology

- Process Flow
- Database
- Scripts
- Credits

TraceNoizer.org

Wayback machine

27/11/2001


TraceNoizer Disinformation on Demand Version 3.0
English Deutsch


(Ctrl) Clone Control Center
Create Clone Account Access Clone Account: Login Here


(Alt) TraceNoizer Theory
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Open Clone Projects

TraceNoizer

 TraceNoizer Generates Clones from your Databody in order to Disinform Those, Who are Spying on You! TraceNoizer is a webbased search, analysis and homepage publication system. [» more!](#)

 **START Here!!!**
your forename surname:
Feed TraceNoizer your first name and last name and it will generate a test clone.

 **Still Sceptic? Look at Clone Examples**
Here is a list of clones made by tracenoizer of some of the nominees of the read_me festival taking place in moscow. [» go!](#)

 **Clone Community**
See what others have done with the tracenoizer cloning engine. [» go!](#)

(/Ctrl) TraceNoizer Technology
Process Flow Database Scripts Credits

TraceNoizer.org

Wayback machine

31/03/2002

TraceNoizer Disinformation on Demand Version 3.8
English Deutsch

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 **Download Tracenoizer as CD-ROM and noize at home**
Download a CD-Image of Tracenoizer, burn-it on CD-ROM, reboot your machine and noize at home. [» go!](#)

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TraceNoizer.org

Wayback machine

27/03/2004

Characteristics of a snapshot of a Web site?

The crawler crawls the html code of the website.

- **certain functionality** (hyperlinks) of the website is preserved
- snapshot and artwork: **same material** (html code)
- **not connected** to the URL of the website
- **in between** archival copy and operational website

Snapshots document **html changes**, either caused by further development of the Website or by previous user interaction

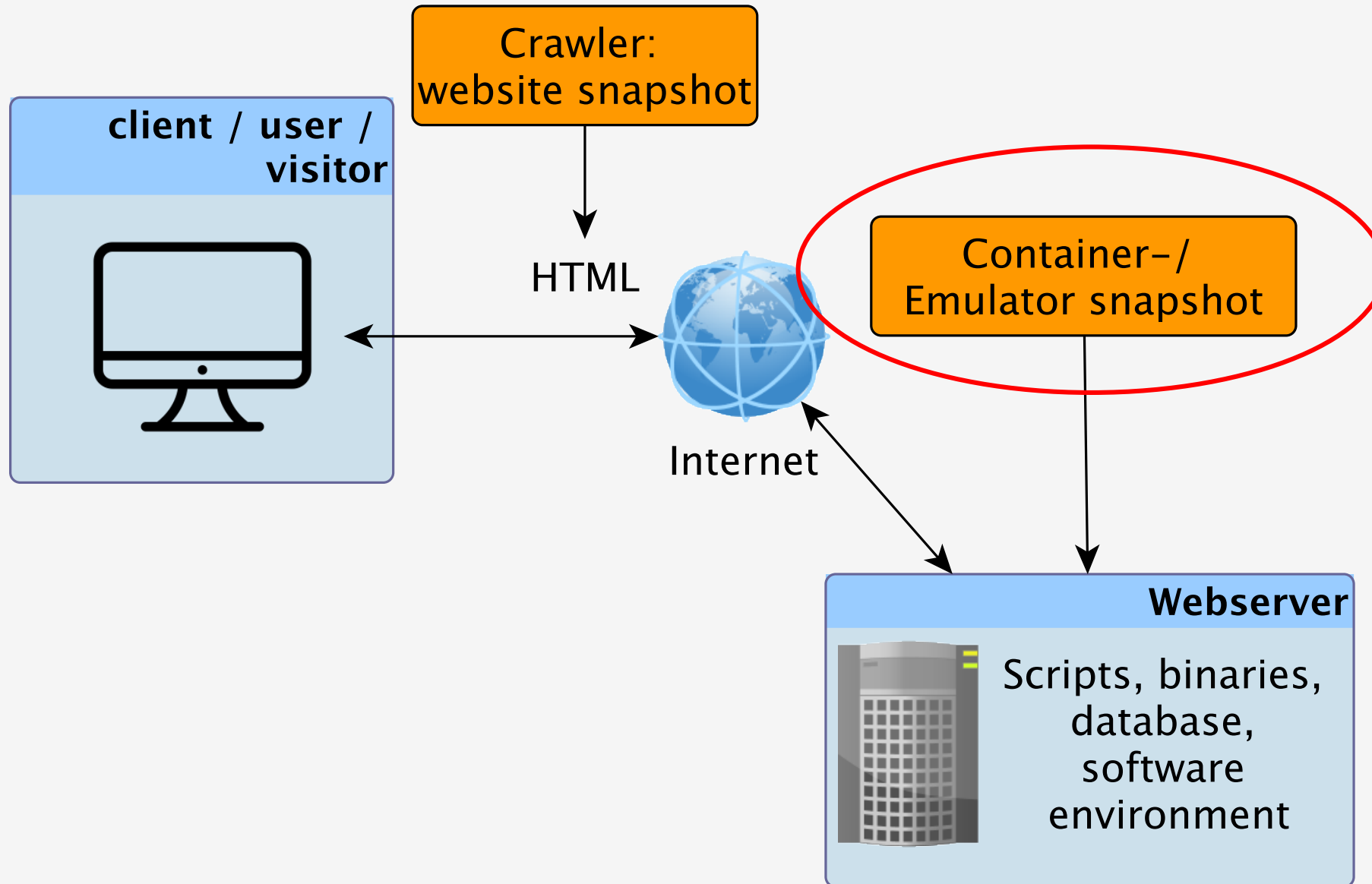
Protocol of the World Wide Web is timeless

- The HTTP protocol is timeless.

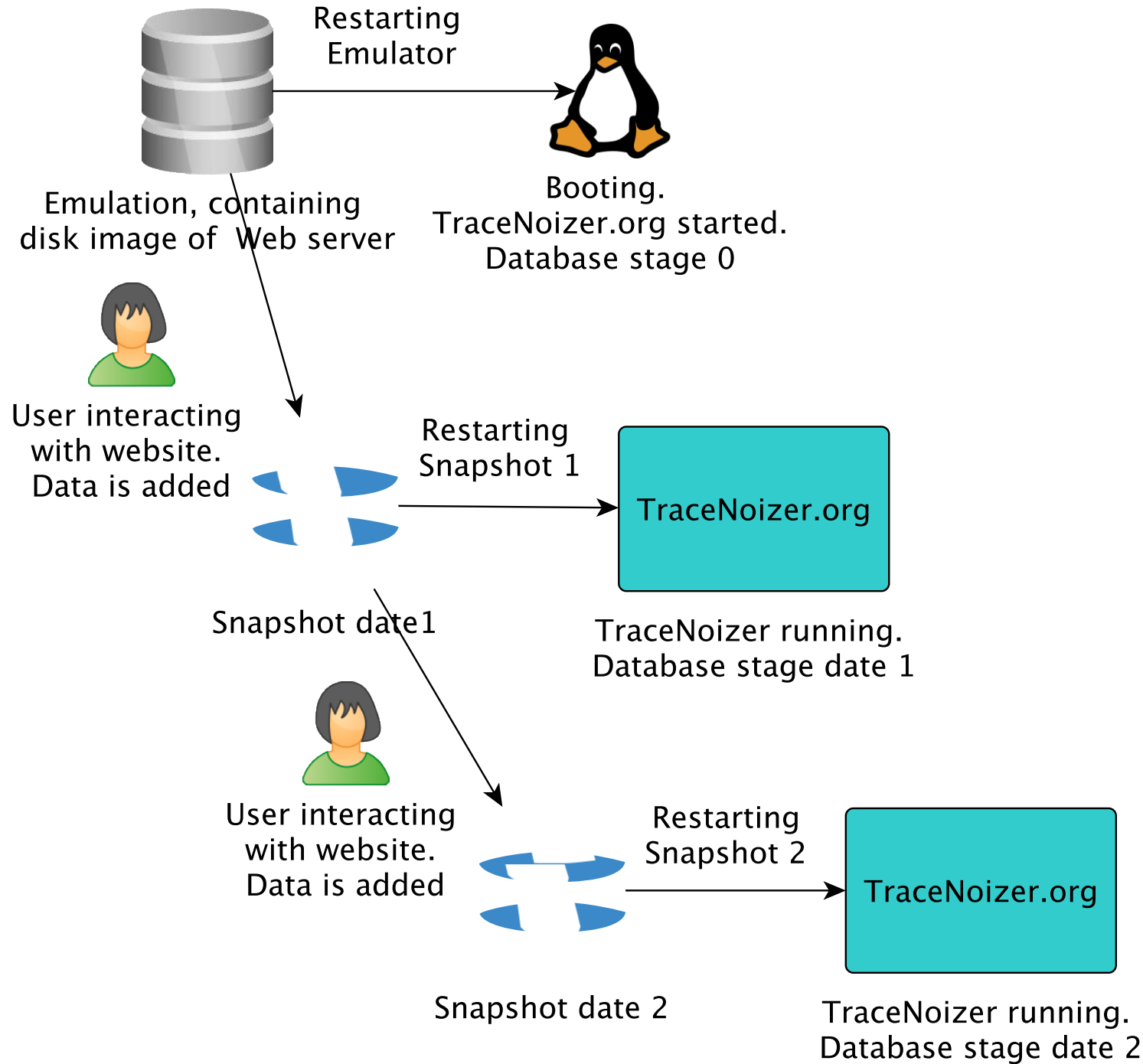
Van der Sompel et al (2019): *“In essence, the time dimension is absent from the most common of Web protocols, HTTP. The **timelessness** is even written into the W3C's Architecture of the World Wide Web, which reminds us that dereferencing a URI yields a representation of the **current state** of the resource identified by that URI.”*

- without crawling (snapshots), previous states of websites are lost forever
- crawls with a **specific time stamp**

Operational Environment



What is a
container /
emulator
snapshot?



Characteristics of a container / emulator snapshot?

- Together with the disk image, the snapshot is **fully functional**
- The artwork will **restart at the stage** it was in, when the snapshot was made.
- The snapshot consists of the **same material** (software) as the artwork

Why a container / emulator snapshot?

- Vint Cerf: *"The solution is to take an X-ray snapshot of the content and the application and the operating system together, with a description of the machine that it runs on, and preserve that for long period of time. And that digital snapshot will **recreate the past** in the future."*
- **Improvement security** (encapsulation of obsolete web technology)
- **Reduction of maintenance**
- **Documentation of change** (caused by user interaction, configurations)

What is a snapshot of contemporary art?

- Example Danh Vo's Chandelier *Go Mo Ni Ma Da*
- Can the **Chandelier** be a physical snapshot? The chandelier is rather the contrary of a snapshot. It represents several points in time and contains many stories simultaneously.
- Could a **story** related to the Chandelier, the documentation of an event, be a snapshot? Such a story is related to a specific situation and time and it has a certain permanence.
- Such **snapshots become part of the work**



Snapshots

- can bridge the gap between operation, archiving and documentation of software-based art and contemporary art
- can be or become part of the work
- document artwork manifestations
- document artwork history (development of artwork)
- document artwork environment
- document visitor interaction
- (facilitate collaboration)



Gekker dan gek



Gekker dan gek 003.jpg Gekker dan gek 004.jpg Gekker dan gek 005.jpg Gekker dan gek 006.jpg Gekker da



Gekker dan gek 011.jpg Gekker dan gek 012.jpg Gekker dan gek 013.jpg Gekker dan gek 014.jpg Gekker da



Gekker dan gek 019.jpg Gekker dan gek 020.jpg Gekker dan gek 021.jpg Gekker dan gek 022.jpg Gekker da



Gekker dan gek 027.jpg Gekker dan gek 028.jpg Gekker dan gek 029.jpg Gekker dan gek 030.jpg Gekker da

Thank you;

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nacca
NEW APPROACHES IN THE CONSERVATION
OF CONTEMPORARY ART



European
Commission

Horizon 2020
European Union funding
for Research & Innovation

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17

More snapshots: Versioning control systems

Purpose

- Documenting change
 - Collaboration
- for
- Creation and development of artwork
 - Conservation of artwork
 - Curation of artwork
 - Documentation etc.

