Future of Digital and and Technology based Arts

Urgence en FWB...

Yves Bernard yb@imal.org



The context:

The Memory of the World in the Digital Age...

D.O.A.

Dead On Arrival

Urban Dictionary: DOA

www.urbandictionary.com/define.php?term=DOA -

Your Job's a joke, you're broke, your love life's D.O.A.. It's like you're always stuck in second gear. And it hasn't been your day, your week, your month, or even ...

You've visited this page 2 times. Last visit: 3/9/14

D.O.A. (band) - Wikipedia, the free encyclopedia

en.wikipedia.org/wiki/D.O.A._(band) -

D.O.A. was a hardcore punk band from Vancouver, British Columbia, Canada. They are often referred to as the "founders" of hardcore punk, along with Black ...

You visited this page on 3/9/14.

D.O.A. (1950 film) - Wikipedia, the free encyclopedia

en.wikipedia.org/wiki/D.O.A._(1950_film) -

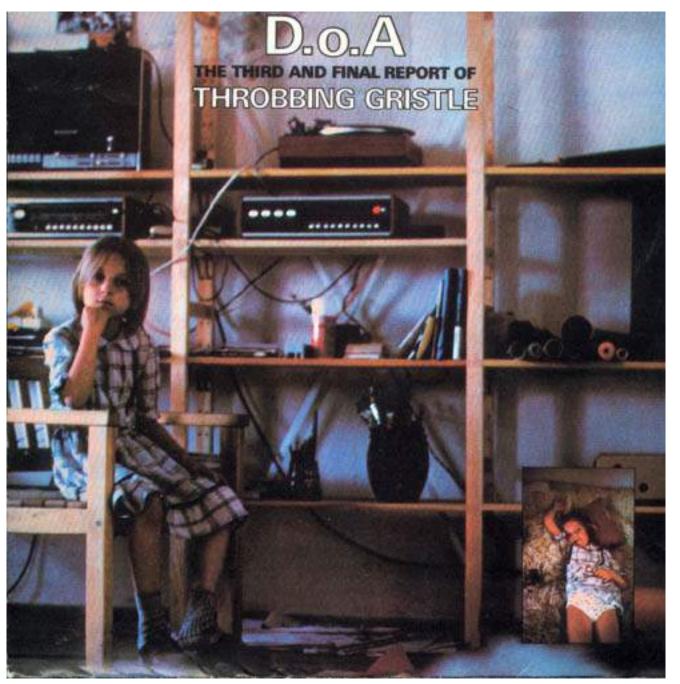
D.O.A. (1950), a film noir drama film directed by Rudolph Maté, is considered a classic of the genre. The frantically paced plot revolves around a doomed man's ... You visited this page on 3/9/14.

D.o.A: The Third and Final Report of Throbbing Gristle - Wikipedia ...

en.wikipedia.org/.../D.o.A:_The_Third_and_Final_Report_of_Throbbin... -

D.o.A: The Third and Final Report is the second studio album by industrial music pioneers Throbbing Gristle. It was released on 4 December 1978 through ...

Release - Critical reception - Legacy - Track listing

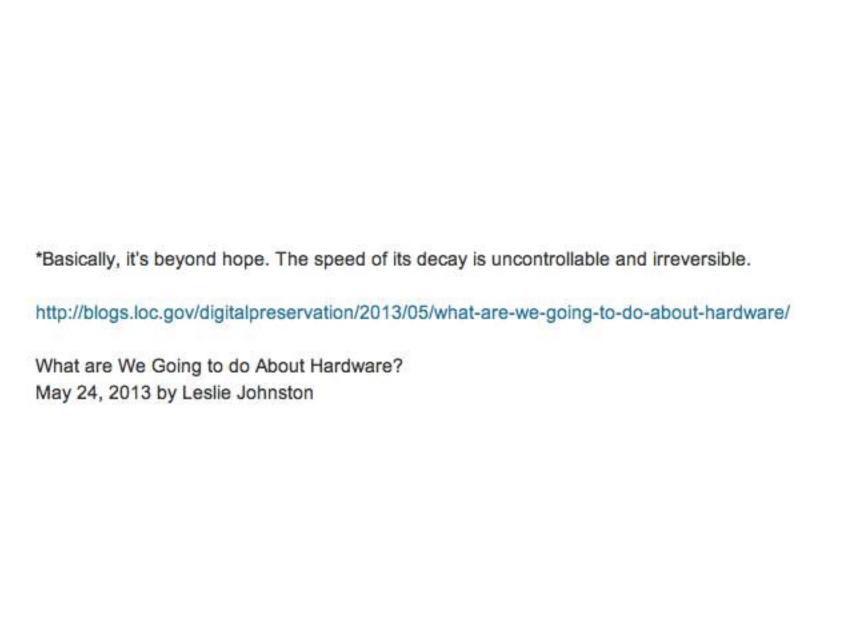


How you, young digital artists, will you show your works in 5, 10 or 20 years? (when at last you will be recognised and famous...)

Original hardware will be dead (apart at some vintage computer clubs)





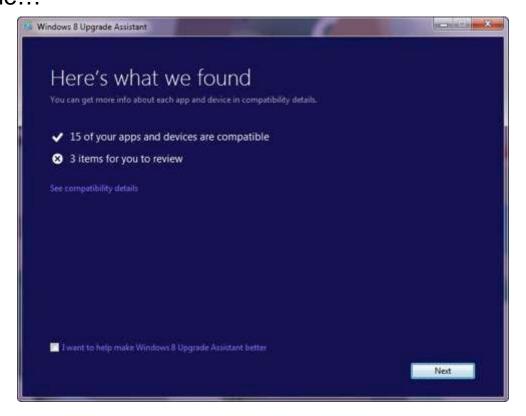


Your backups will be unreadable...





And if by any chance you have the original hardware and recovered your digital files, your software will not be compatible with the OS version which still runs on this old machine...



Obsolescence of Hardware

Short life of digital data carriers

Obsolescence of Software

Obsolescence of Hardware

A recent example:

In the last 5 years, 4x3 screens have been replaced by 16x9 screens...





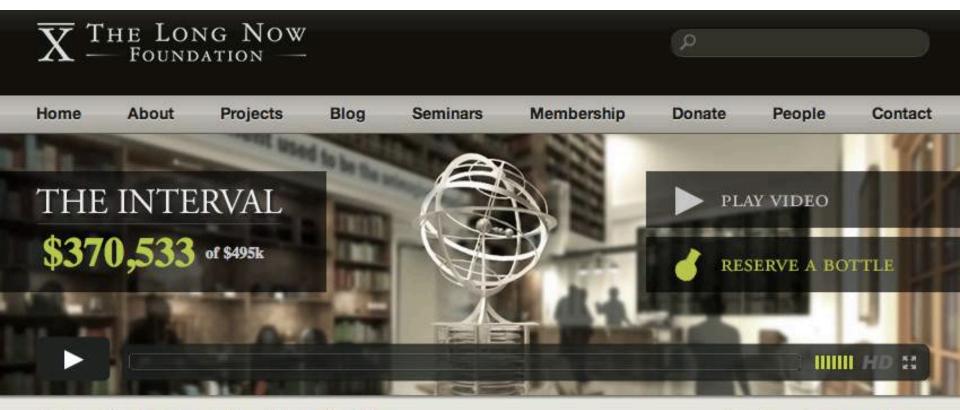


Short Live of Digital data carriers

Digital data are ephemeral, fragile,...

Historic records can be retained on microfilm for 500 years and on paper for 50-100 years. But today no demonstrated nor affordable approaches can be certified to assure "digital continuity" beyond 10 or 20 years without significant information loss.

www.savingthedigitalworld.com



Membership: Dashboard Newsletters Clock Blog

Sign in or Become a Member

The Long Now Foundation was established in 01996 to creatively foster long-term thinking and responsibility in the framework of the next 10,000 years. Read More...

Become a Member starting at \$8/month

Home

About

Archive

Disk

Projects

Blog

People

Blog Homepage

RSS Feed

The Rosetta Blog

Posted on Wednesday, August 20, 02008 by Kevin Kelly

14 Comments

Very Long-Term Backup

Paper, it turns out, is a very reliable backup medium for information. While it can burn or dissolve in water, good acid-free versions of paper are otherwise stable over the long term, cheap to warehouse, and oblivious to technological change because its pages are "eye-scanable." No special devices needed. Well-made, well-cared for paper can last 1,000 years easily, and probably reach 2,000 without much extra trouble.

We can not say the same for digital storage. Pages stored on plastic DVDs are neither stable over the very long term, nor readable over the long term. Unless digital information is ceaselessly migrated from one fading medium to another new one, it will quickly cease to be accessible. Two decades ago the floppy disk was ubiquitous. Most personal digital information then was stored on this format. Today, any information stored only on a floppy disk is essentially gone. Imagine the incompatibility of today's DVD in 1,000 years.



10 KG FROM THE NEW FACTORY, Sebastian Schmieg and Johannes P Osterhoff, 2014 destructed hard-drives from Google's data center in Saint-Ghislain

Short Life of Digital data carriers

Example of cinema... all movies are shot and displayed digitally...

Movies are supplied to the theatre as a digital file called a Digital Cinema Package(DCP). [21] For a typical feature film this file will be anywhere between 90 and 300GB of data (roughly two to six times the information of a Blu-ray disc) and may arrive as a physical delivery on a conventional computer hard-drive or via satellite or fibre-optic broadband. [22] Currently (Dec 2013) physical deliveries are most common and have become the industry standard. Trailers arrive on a separate hard-drive and range between 200 and 400MB in size.

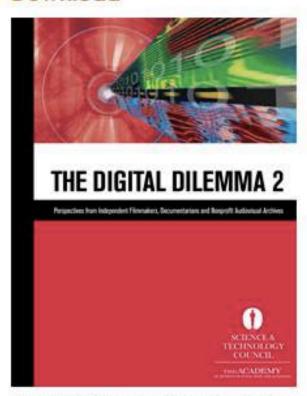
The Digital Dilemma 2

Perspectives from Independent Filmmakers, Documentarians and Nonprofit Audiovisual Archives

The Digital Dilemma, published in 2007, raised important concerns about the longevity of digital motion picture materials created by the major Hollywood studios, as well as other valuable digital data managed by large commercial, scientific and government organizations. It found that all organizations dealing with digital systems and data collection face the same problem; they do not have an operationally and economically sustainable means to maintain long-term access to their materials.

The Digital Dilemma 2 focuses on the more acute challenges faced by independent filmmakers, documentarians and nonprofit audiovisual archives. While 75 percent of theatrically released motion pictures are independently produced, these communities typically lack the resources, personnel and funding to address sustainability issues that are available to major Hollywood studios and other large, deep-pocketed enterprises. Independent filmmakers create – and nonprofit film archives collect and store – a sizeable part of moving image and sound heritage. The Academy partnered with the Library of Congress's National Digital Information Infrastructure and Preservation Program (NDIIPP) to produce this new study with the conviction that these communities shouldn't be allowed to fall through the cracks.

Download



The Digital Dilemma 2 is now available for free download.



THE ONLY WAY FOR YOUR FILM TO SURVIVE !

TWO DAYS IN NEW YORK • THE WOMAN WHO BRUSHED OFF HER TEARS TOT ALTIJD • PLAN DE TABLE • SUSKIND • TORPEDO • TONY TIEN LE COCHON DE GAZA • POULET AUX PRUNES • LENA • PATATJE OORLOG RUNDSKOP (TÊTE DE BOEUF) • LARGO WINCH II • HITLER À HOLLYWOOD VIVA RIVA! • OMBLINE • LE TABLEAU • NUIT BLANCHE • DEATH FOR SALE LA FOLIE ALMAYER • ALL GOOD CHILDREN • PRESIDENT • ISABELLE UNE VIE DE CHAT • FILS UNIQUE • ELLE NE PLEURE PAS, ELLE CHANTE LÉGITIME DÉFENSE • LATE BLOOMERS • DE LEUR VIVANT • OXYGÈNE NICOSTRATOS • LES NUITS ROUGES DU BOURREAU DE JADE • LA FÉE AU CUL DU LOUP • LIBRE ÉCHANGE • BIBLIOBURRO • MISS MOUCHE GOOISCHE VROUWEN • SWOONI • BEYOND THE STEPPES • VAMPIRES LES CHEMINS DE LA MÉMOIRE • MARIEKE, MARIEKE • DEMAIN DÈS L'AUBE NOIR OCÉAN • RONDO • AFRICA IS BACK • LE FOSSÉ • LA MEUTE

The Highest Quality

Film Recording and Lab work

2K 4K AatonK

FilmiK Film Recording

The Memory of the World in the Digital age: Digitization and Preservation

26-28 September 2012, Vancouver, British Columbia, Canada



In cooperation with the University of British
Columbia (Canada) UNESCO organized an
international conference from 26 to 28
September 2012 in Vancouver (BC) Canada
that explored the main issues affecting the
preservation of digital documentary heritage.
The more than 500 participants discussed
strategies that can contribute to greater
protection of digital assets and produced the
UNESCO /UBC Vancouver Declaration for
implementation by UNESCO, and its Member
States, professional associations and industry.

The conference participants included professionals from the heritage sectors, as well as a range of government, IT industry, rightsholders and other stakeholders who were exposed to the views of experts from all levels of development in an attempt to produce practical recommendations to ensure permanent access to digital

documentary heritage.

Despite the adoption of the UNESCO Charter on the Preservation of the Digital Heritage in 2003, there is still insufficient awareness of the risks of loss of digital heritage, even though knowledge is today primarily created and accessed through digital media.



Documentaire de Vincent Amouroux (France, 2014, 52mn)

Sombre menace sur le numérique : nos supports sont fragiles, nos données informatiques en danger. Ce documentaire explore les alternatives pour éviter à notre époque de perdre la mémoire.

RE-COLLECTION ART, NEW MEDIA, AND SOCIAL MEMORY

By Richard Rinehart and Jon Ippolito

This book will arrive like a bombshell in the twin citadels of art museums and conservation departments...incredibly interesting and compelling narrative.

 John G. Hanhardt, Senior Curator of Film and Media arts at the Smithsonian. and former curator at the Guggenheim and Whitney museums



Re-collection: Art, New Media, and Social Memory is the first academic book on new media preservation. Its authors make a startling claim: that the historical record of our era will be unretrievable without a drastic change in the technologies, institutions, and laws that now govern cultural preservation. Weaving theory into practice, Recollection spells out much-needed, real-world approaches to preservation along with their theoretical foundations and

#Re collection Jon Ippolito @jonippolito "A life is like a garden. Perfect moments can be had, but not preserved, except in memory." Leonard Nimoy should have written #Re collection Expand Jon Ippolito @jonippolito Thanks! RT @edsu: @jonippolito btw, thanks for #Re_collection, I really enjoyed it! pic.twitter.com/LTsEnsvg9A @rick_rinehart

Tweet #Re_collection

Get it

amazon.com.

MIT Press

26 Feb

implications.

Obsolescence of Software

Example: Apple, end of Classic (OS 9) in 2007

Which are the last Macs capable of running MacOS 9/Classic applications?

Unfortunately for some whom have been Mac users since the beginning of the Macintosh, Apple does <u>not support</u> the MacOS 9/Classic environment on any of the Intel-based Macs or *even* on PowerPC-based Macs starting with MacOS X 10.5 "Leopard". Nevertheless, you also may be interested in reading "<u>Are</u> there any third-party programs to run MacOS 9/Classic applications on Intel Macs?"

The last Macs capable of running MacOS 9/Classic applications within the "Classic Environment" -- provided by MacOS X 10.4.11 "Tiger" and earlier -- are the last models in the <u>Power Macintosh G5</u>, <u>iMac G5</u>, <u>eMac</u>, <u>Mac mini G4</u>, <u>iBook</u>, and <u>PowerBook G4</u> series. These systems cannot run MacOS 9/Classic applications if running MacOS X 10.5 "Leopard" or later.

Obsolescence of Software

Example: Apple, end of Rosetta (PowerPC emulation) in 2011

OS X Lion to Drop 'Rosetta' Support for PowerPC Applications

Monday June 13, 2011 12:37 pm PDT by Eric Slivka

Soon after Apple released the first developer preview version of OS X Lion <u>back in late</u>

<u>February</u>, we <u>noted</u> that Apple appeared to have dropped support for Rosetta, the system that allowed Intel-based Macs to run applications written for earlier PowerPC-based systems.

Apple of course made the transition to Intel-based processors five years ago, and Rosetta is an optional install under Snow Leopard, but some users are still hanging onto old PowerPC applications that either have not been updated at all or have updated versions to which the users do not wish to upgrade for one reason or another.

With OS X Lion now on its fourth developer preview version and a public release set for next month, it is clear that Rosetta will not be making an appearance in Apple's nextgeneration Mac operating system, finally leaving those legacy applications out in the cold.

Migration

Re-coding

Emulation

Re-interpretation

Migration

Example: Adji Game (online game, 2002, director/shockwave)







Migration

Example: on-line work, net art

DOUGLAS DAVIS

THE WORLD'S FIRST COLLABORATIVE SENTENCE 1994

Introduction Preservation of the Work About the Sentence Images News

The World's First Collaborative Sentence, created by Douglas Davis for a survey exhibition of his work in 1994 and donated to the Whitney in 1995, is a "classic" of Internet art. Allowing users to contribute to a never-ending sentence, it anticipated today's blog environments and ongoing posts. In early 2012 the Whitney Museum undertook a preservation effort spearheaded by Carol Mancusi-Ungaro, Associate Director of Conservation and Research and Christiane Paul, Adjunct Curator of New Media, in concert with Farris Wahbeh, Manager, Cataloguing and Documentation, and implemented by Ben Fino-Radin, digital conservator at Rhizome, and the Museum's Digital Media department. The result of the initiative are the two versions of the Sentence accessible here.

Learn more about the work's preservation, <u>view</u> the live Sentence, and <u>contribute</u> by adding your own words.

When Artworks Crash: Restorers Face Digital Test



A detail of the Web page of Douglas Davis's interactive computer artwork "The World's First Collaborative Sentence."

LEHMAN COLLEGE ART GALLERY

By MELENA RYZIK June 9, 2013







Paintings fade; sculptures chip. Art restorers have long known how to repair those material flaws, so the experience of looking at a Vermeer or a Rodin remains basically unchanged over time. But when creativity is computerized, the art isn't so easy to fix.

1. THE NEW LIVE VERSION

The new live version restores the work's functionality and allows visitors to contribute to the piece. The display of the work has been promoted to current standards, so that all text is shown at its original size.

ENTER THE LIVE VERSION

CONTRIBUTE TO THE SENTENCE

- The original links and URLs posted by users in the past were left "broken," pointing to the ephemeral nature of the Web and the fact that files may vanish over time.
- The issues surrounding the legibility of the Korean character set have not yet been resolved. While most of the characters were rendered legible after the character set was properly defined in the header of the pages, some remained illegible. The Whitney invites contributions via <u>GitHub</u> to make the Korean text legible for the first time.
- Davis's instructions have been left intact, though contributions via fax and mail are no longer accepted.

2. THE RESTORED HISTORIC VERSION

The restored historic version leaves the code mainly untouched. Visitors may not contribute to the historic version. Viewed through an old browser, this version would display the *Sentence* as it appeared at the time of its creation until it stopped functioning in 2005.

VIEW THE HISTORIC VERSION

- The links have been modified to point to copies of the original pages at the Internet Archive Wayback Machine, a service that allows people to visit archived versions of Web sites (pages created in the early years of the project may not be accessible through the Wayback Machine). The historic version also allows visitors to compare how the design and conventions of Web pages have changed over the years, e.g. the link to whitehouse.gov—embedded in one of the Sentence's pages—leads to differently designed pages in the live and the historic versions of the Sentence.
- The Korean character set displays as garbled characters.

Re-coding

Example: Digital Snow (dvd-rom put online, Director to Flash)

Digital Snow DVD-Rom Now on the Web





Digital Snow DVD-Rom Now on the Web

www.fondation-langlois.org/digital-snow





The DVD-Rom anarchive 2: Digital Snow was co-produced in 2002 by the Daniel Langlois Foundation and Époxy Communications. From June 2011 to February 2012, with permission from Michael Snow and Anne-Marie Duguet (anarchive), the Daniel Langlois Foundation has transposed Digital Snow to the Web: www.fondation-langlois.org/digital-snow

Re-coding

Example: World Skin (Maurice Benayoun, 1997)



R-coding

Example: World Skin (Maurice Benayoun, 1997)

World Skin is an interactive artwork presented for the first time at Ars Electronica (Linz, Austria). It won the Golden Nica Award in the Interactive Art category in 1998.

• • • •

This installation requires a system able to manage a big number of textures. The original version runs on SGI Onyx.

The PC version adapted by Ars Electronica Future Lab runs on Linux PCs. The photographic system requires I to 5 real photo cameras (a compact, economical type, but sturdy), modified at the release level and 2 to 6 magnetic or infrared trackers.

What Strategies to preserve born-digital contents?

Emulation

Emulator

From Wikipedia, the free encyclopedia

This article is about emulators in computing. For a line of digital musical instruments, see E-mu Emulator. For the Transformers character, see Circuit Breaker (Transformers)#Shattered Glass. For other uses, see Emulation (disambiguation).

In computing, an **emulator** is hardware or software or both that duplicates (or *emulates*) the functions of one computer system (the *guest*) in another computer system (the *host*), different from the first one, so that the emulated behavior closely resembles the behavior of the real system (the guest). This focus on exact reproduction of behavior is in contrast to some other forms of computer simulation, in which an abstract model of a system is being simulated. For example, a computer simulation of a hurricane or a chemical reaction is not emulation.

Contents [hide] 1 Emulators in computing 2 Emulation in preservation 2.1 Benefits 2.2 Obstacles 3 Emulators in new media art



Emulators in new media art [edit]

Because of its primary use of digital formats, new media art relies heavily on emulation as a preservation strategy. Artists such as Cory Arcangel specialize in resurrecting obsolete technologies in their artwork and recognize the importance of a decentralized and deinstitutionalized process for the preservation of digital culture.

In many cases, the goal of emulation in new media art is to preserve a digital medium so that it can be saved indefinitely and reproduced without error, so that there is no reliance on hardware that ages and becomes obsolete. The paradox is that the emulation and the emulator have to be made to work on future computers.^[14]



You are here: Welcome to the MESS Wiki!

External Links

- S Forum
- GitHub MAME
- ProjectMESS

Latest Updates

- OpenGL on windows now supports glsl options. This worked out of the box by couriersud
- Merged Merged sdl_video_config and win video config by couriersud
- Merge branch 'master' of https://github.com/mam edev/mame.git by couriersud
- tugboat.c: killed anonymous timer, added save state support (nw) by Ivan Vangelista

Welcome to the MESS Wiki!

Search

Welcome to the official wiki for MESS (Multi Emulator Super System), the sister project of MAME1. MESS is a source-available project which documents the hardware for a wide variety of (mostly vintage) computers, video game consoles, and calculators through software emulation, as MAME does for arcade games. As a nice side effect to this documentation, MESS allows software and games for these hardware platforms to be run on modern PCs.

The goal of this wiki is to document how to use MESS, the technical architecture of MESS, and the systems emulated by MESS. If you want to help, register a user name and look at the pages already in the Wiki to get an idea how things are currently laid out here.

As of version © 0.158, MESS supports 994 unique systems with 2,106 total system variations and is growing all the time (you can find a complete list of the supported systems where). However, not all of the systems in MESS are functional: check the specific driver pages to know the emulation status of your favorite machine in MESS.

If you have any questions or would like to contribute to MESS or the wiki, feel free to join us in the IRC channel #messdev on EFnet or at the MESS forum.

Table of Contents Welcome to the MESS

Downloads

Wiki!

Emulator

Extra Files

External Frontends

Freely Available

Systems

Random Screenshots

Documentation

Usage Docs

Programming Docs

Wiki Docs

Driver Infos

Development

Tools

MESS Tools

Related Tools

Driver-Specific Tools

Dumping Project

JSMESS

JSMESS is an attempt to port MESS / MAME to JavaScript using Emscripten.

Why?

Jason Scott says it best:

The MESS program can emulate (or begin to emulate) a majority of home computers, and continues to be improved frequently. By porting this program into the standardized and cross-platform Javascript language, it will be possible to turn computer history and experience into the same embeddable object as movies, documents, and audio enjoy.



Internet Arcade





The Internet Arcade is a web-based library of arcade (coin-operated) video games from the 1970s through to the 1990s, emulated in MORE





DESCRIPTION

The Internet Arcade is a web-based library of arcade (coin-operated) video games from the 1970s through to the 1990s, emulated in JSMAME, part of the JSMESS software package. Containing hundreds of games ranging through many different genres and styles, the Arcade provides research, comparison, and entertainment in the realm of the Video Game Arcade.

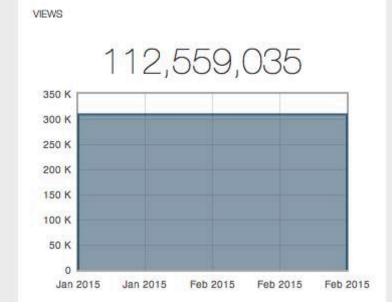
The game collection ranges from early "bronze-age" videogames, with black and white screens and simple sounds, through to large-scale games containing digitized voices, images and music. Most games are playable in some form, although some are useful more for verification of behavior or programming due to the intensity and requirements of their systems.

Many games have a "boot-up" sequence when first turned on, where the systems run through a check and analysis, making sure all systems are go. In some cases, odd controllers make proper playing of the systems on a keyboard or joypad a pale imitation of the original experience. Please report any issues to the Internet Arcade Operator, Jason Scott.

If you are encountering issues with control, sound, or other technical problems, read this entry of some common solutions.









Home

Emulation as a Service

Use Cases / Demos

Publications

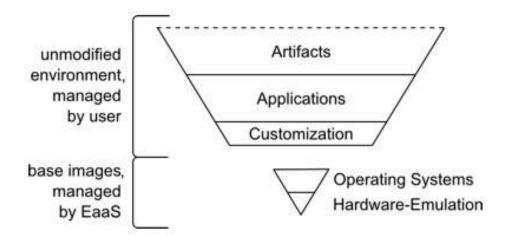
twitter

blog

bwFLA — Emulation as a Service

Functional Long-Term Archiving

Digital data is highly volatile, the processes and systems that make use of it even more so. Initially creating data and establishing workflows is very costly, in an everchanging technological environment the upkeep presents a long-term challenge. To fulfill their designed purpose over a long period of time or for making research results, documents and decisions of today verifiable in the future, efficient and authentic access is required.



What Strategies to preserve born-digital contents?

Re-interpretation (variable media)

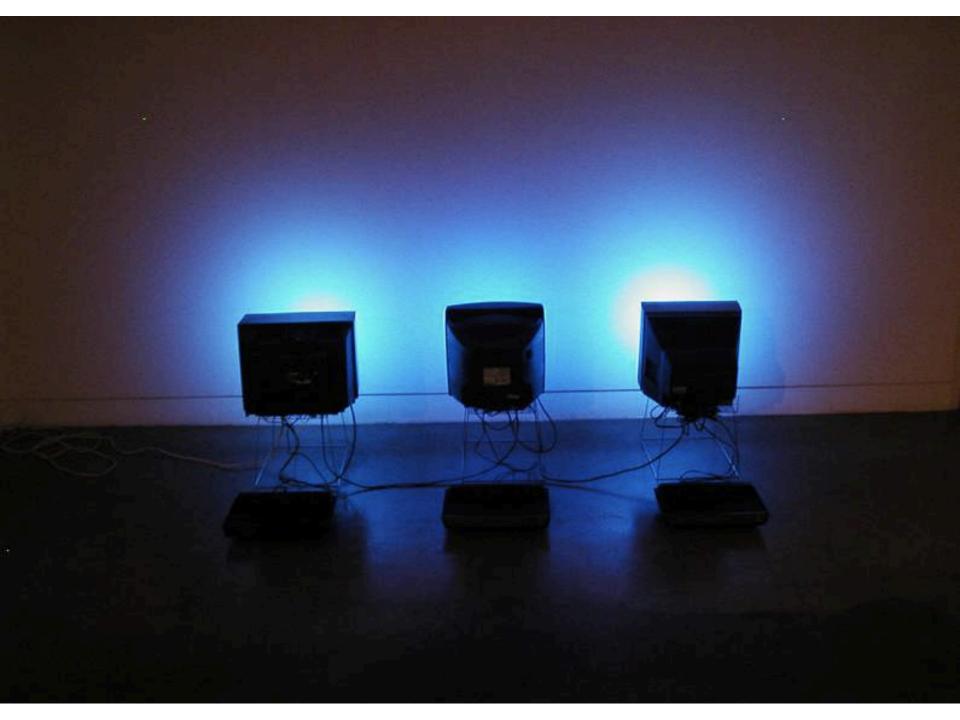
"Color Sequencer" - 2005

Paul SLOCUM

Custom software, 3 Atari 2600, 3 video monitors. Private collection, Brussels.

L'installation Color Sequencer révèle une simplicité aussi esthétique que conceptuelle. Comme l'explique l'artiste, "le dispositif est composé de 3 téléviseurs faisant face au mur, reliées à 3 consoles Atari 2600. Les consoles sont programmées pour jouer une séquence répétée de couleurs qui dure environ 4 minutes." Chaque couleur est le résultat du mélange de deux bandes de couleur différentes qui découpent l'écran, créant une sensation de vibration lumineuse, renforcée par celle de la fréquence de rafraichissement du moniteur TV. Le résultat pourrait être décrit comme un Rothko de la génération 8 bit.







Some basic advices:

Use open technologies, standards, prefer open source

Document your work and the process, from initial concept to its exhibition: archive design and production documents, data and media files, softwares, ...

Document the experience of the works by users: interviews, videos,...

Archive on various digital storage systems, refresh them often...







present

Caulitured Herifese In idea Digital Ase

[EN] In 2015, iMAL, Center for Digital Cultures and Technology present, in collaboration with PACKED, Centre of Expertise in Digital Heritage, a series of exhibitions, workshops and symposiums on cultural heritage in the digital age.

[FR] En 2015, iMAL, Center for Digital Cultures and Technology présente, en collaboration avec PACKED, Centre d'Expertise pour le Patrimoine Numérique, une série d'expositions, de workshops et de conférences sur le patrimoine culturel à l'ère numérique.

[NL] In 2015 presenteert iMAL, Center for Digital Cultures and Technology, in samenwerking met PACKED, Expertisecentrum Digitaal Erfgoed, een reeks tentoonstellingen, workshops en symposia ihkv cultureel erfgoed in het digitale tijdperk.

UPCOMING PROGRAMME

- 19 March 26 April : Welcome to the future! The floppy cd-rom revolution
- · 20 March : From the CD-ROM Revolution to the Future of Electronic Publishing
- · 9-11 April : Digital Media Archaeology in Practice

Preservation and Access to Born-digital Culture

30 Octobre - 31 Octobre 2015

Présentations



Main

Programme

À propos

Galerie Média | Crédits

Symposium international

Dans la suite de leur programme 2015 sur le Patrimoine Culturel à l'ère numérique, iMAL et Packed organisent un symposium international sur la préservation et l'accès à la culture dite "née-numérique", une première à Bruxelles.

Avec: Erkki Huhtamo (FI, UCLA), Baruch Gottlieb & Philipp Tögel (DE, Vilem Flusser Archive), Emmanuel Guez (FR, pamal.org), Gaby Wijers (NL, Lima), Valérie Perrin (FR, Espace Gantner), Jon Ippolito (US, re-collection), Ben Fino-Radin (US, MoMA), John Langdon & Anna Henry (UK, Tate Modern), Céline Thomas & Chu Yin Chen (FR, BnF - Univ.Paris 8), Geoffrey Brown (US, indiana.edu), Clarisse Bardiot (FR/BE,rekall.fr), Olia Lialina (DE), Dragan Espenschied (US/DE, Rhizome.org), Klaus Rechert (DE, Univ.Freiburg - bwFLA), Jason Scott (US, Internet Arcade - archive.org).

INFOS PRATIQUES

Symposium public

Vendredi, 30 octobre, 09h00 - 18h00 Samedi, 31 octobre, 09h00 - 17h00

Inscriptions Closes...

Le symposium sera précédé par le workshop Artists and Art Organisations Digital Archives organisé par Packed le 29 octobre à iMAL. Details here.

Entrée gratuite!

Langue: principalement en anglais

Location: IMAL

Quai des Charbonnages 30 Koolmijnenkaai

1080 Brussels

Live broadcast on Youtube

Check our channell

LIENS

₽ #pabc2015

TAGS

Et en Belgique, qui s'occupe de cela??

D'aider les artistes à documenter et préserver leurs oeuvres, à prévoir les stratégies de conservation et monstration du futur ?

D'aider les collectionneurs et institutions muséales d'art contemporain (technologique) à conserver et rendre accessibles leurs oeuvres ?

Et en Belgique, qui s'occupe de cela??

En Flandres: Packed.be!



Et en Belgique, qui s'occupe de cela??

En FWB?

Personne...

(un peu à iMAL mais sans moyens)

Resurrection Lab

Décembre, 2014





Conservation et Accès Public aux contenus numériques

Resurrection Lab est un nouveau projet d'iMAL pour répondre aux problématiques de la conservation et de l'accès public d'oeuvres d'arts numériques. Les objets nés numériques (born-digital objects) sont victimes des changements constants des technologies et de l'obsolescence de plus en plus rapide des logiciels et matériels. Leur durée de vie est imprésivible et très courte dans la plupart des cas.

Le Patrimoine Culturel à l'Ere du Numérique.

Ces dernières années, le débat sur le patrimoine culturel à l'ère du numérique s'est intensifié (ex. Unesco 2012, re-collection, evanescent culture,...) et est devenu en ce début du 21e siècle, une question primordiale pour beaucoup d'institutions culturelles (ex. zkm, DCA project,...). Sans un effort substantiel de recherche dans les méthodologies et technologies de conservation des objets numériques, sans décisions politiques concernant les éditeurs de logiciels, les fabricants d'électronique et d'informatique, les grands acteurs d'internet, sans une réflexion profonde sur les problèmes de propriété intellectuelle, sur les rôles et actions des institutions muséales par rapport aux contenus numériques, le patrimoine culturel et artistique né numérique est condamné à mourir d'obsolescence, perdu pour les générations futures.

LIENS

₽ bwFLA

TAGS



Digital Heritage



III University of Freiburg

SUGGESTIONS

Activités

Preservation and Access to Born-di...

Digital Media Archaeology in Pract...

From the CD-ROM Revolution to the ...

Welcome to the Future!

Actualités

Digital Publishing: Time for Arch...

The Resurrection Lab Project @ iMAL

First case study: born-digital software arts from the 90's for the PC.

iMAL takes care of these born-digital objects...

- we consider them as culturally and historically important

Welcome to the Future! 19 March - 26 April 2015 THE FLOPPY CD-ROM REVOLUTION



Resurrection Examples

We are very happy to present some of our first results with the bwFLA platform. The examples below are directly playable in your browser (Chrome only, read the instructions) and demonstrate the feasability of an online collection of born-digital arts that anyone could experience in a rendering quality very similar to the original works.

Warning: the bwFLA servers at University of Freiburg which host these emulation in the cloud can not support many simultaneous sessions. So if this do not work, be patient, come back and try later.



No Other Symptoms - Time Travelling with Rosalind Brodsky (1999) by Suzanne Treister.

This cd-rom is an interactive investigation into the life of Rosalind Brodsky (an alter ego Suzanne Tresiter invented in 1995 with whom she shares similar Anglo/Eastern European/Jewish roots), a delusional time traveller who believes herself to be working at the Institute of Militronics and Advanced Time Interventionality (IMATI) in the 21st century. .

Discover the online resurrection.



The Third Lyon Biennale (1995) by Jean-Louis Boissier.

The od-rom of the Lyon contemporary art Biennale proposes the works of 63 artists with interactive video interviews, photos, texts and audiovisual documents. The od-rom is an experimental new media work matching the nature of the exhibited artworks using new technologies.

Discover the online resurrection.



Kaos 3 - Action Poétique (January 1993) by Jean-Pierre Balpe and contributors.

This electronic litterature magazine was published on floppy by the company Kaos as a new year electronic postcard. Realised by Jean-Pierre Balpe, the father of automatic litterary text generation, the issue #3 for Apple Mac proposes generators by different authors.

Discover its online resurrection.

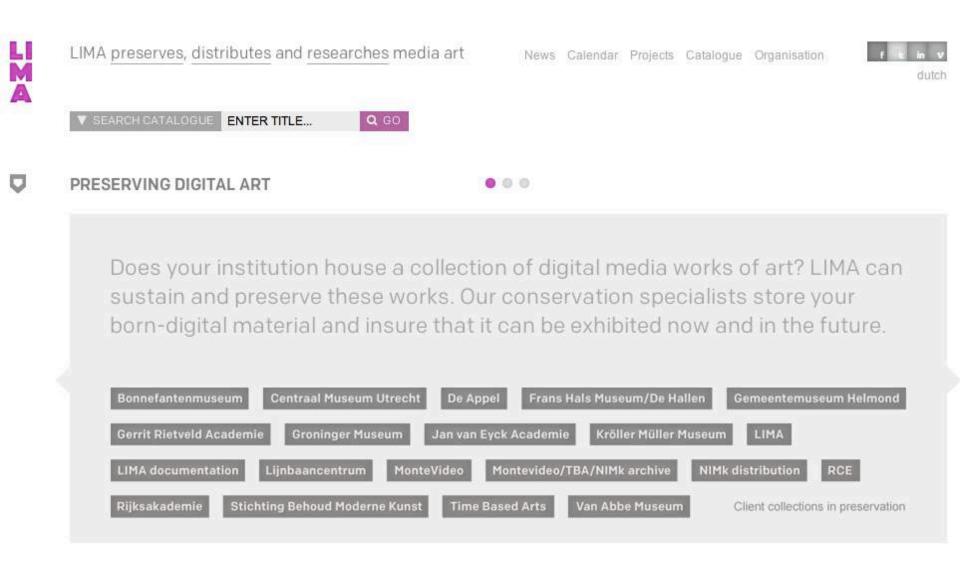


Camps de Réfuglés (1994) by John Vink and Magic Media, published by Apple France.

This cd-rom (in French) was one of the very first hypermedia essay in photojournalism proposing a rich multimedia experience around 300 pictures by photographer John Vink from Magnum.

Discover its online resurrection.

Exemple: LIMA en Hollande





Digital art is often

Undercollected

Undercounted

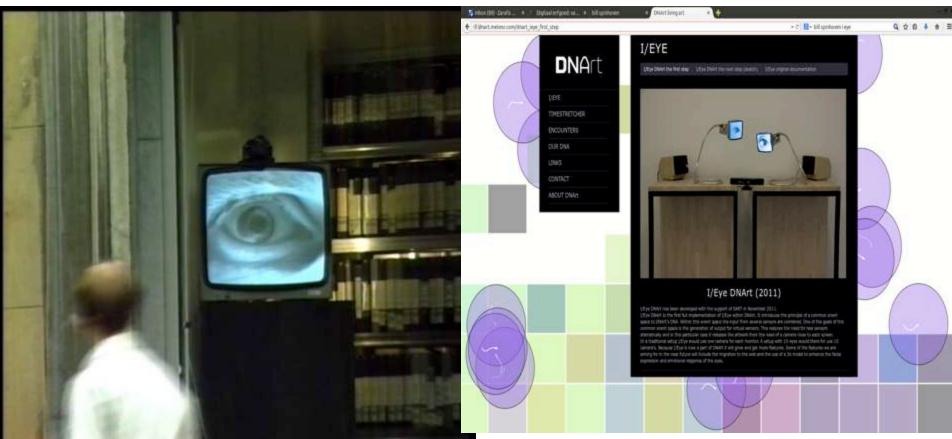
Undermanaged

Unpreserved



Inaccessible





Digital artworks are not one object, they are many elements, dynamic and changing (over time)

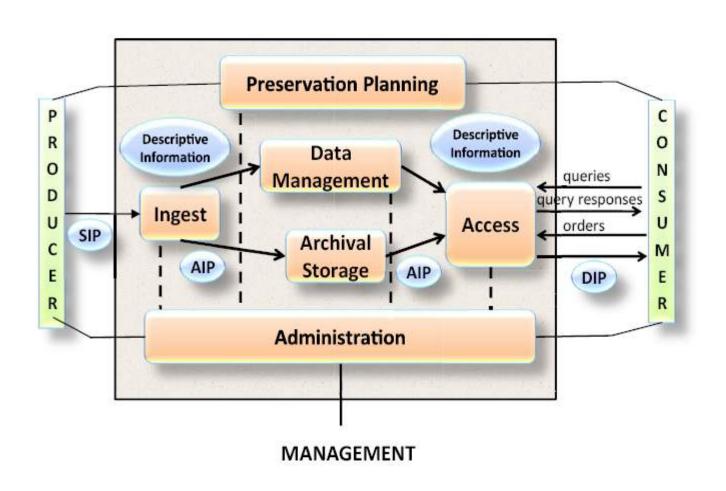


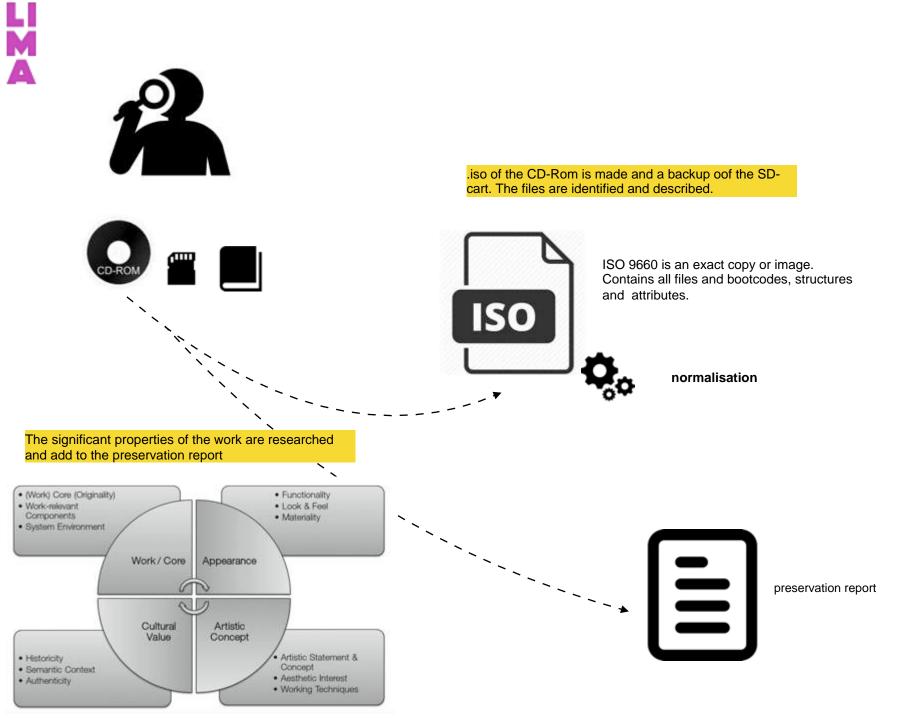
Change is rapid and constant

- Be prepared to meet each work on its own needs
- Formal standards per se are not the answer
- Promote interdisciplinary collaboration
- Work with the artist
- Cross train collaborating experts
- Develop institutional knowledge and embrace new practices of documentation
- Embrace uncertainty and take action cooperate!



OAIS media art e-depot









List of files:

[IMG.5]

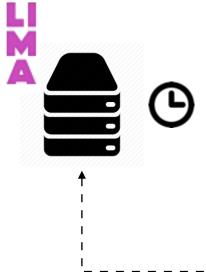
SHIFT 34 was made for several platforms Mac OS, Windows en Linux. The ISO contains all versions and JAVA installment folder

The work is tested on several systems









access

Linux is selected because this version is more simple to configurate r auto login and auto start and is Open-source.
Windows and Mac will have license issues

For presentation the upcomming 3 to 5 years MSI Cubi mini-pc is selected :

- small
- i3 processor, fast and strong enough
- ssd, solid state drive: start quick, no sound
- vesa mount to mount on the back of the monitor
- hdmi and via mini-displayport vga and dvi videoport





The ISO with all versions is stored, but the linux version will be the one that will be used for presentations.

Conclusions

Tout (ou une très grande partie) de l'Art Contemporain sera technologique

Sans politique de conservation et accès pour le futur, les oeuvres n'entreront pas dans les collections (privées ou publiques), dans les expositions (à venir et futur),...

Pas de marché, pas de visibilité, pas de patrimoine futur...

Pas de présent et pas de futur pour les artistes et leurs oeuvres

En FWB, on est nulle part, URGENCE !!!

Thanks!

Yves Bernard

yb@imal.org

Brussels















