

Rijksmuseum, 8-10 May 2019

The Digitization Kit

Millard Schisler

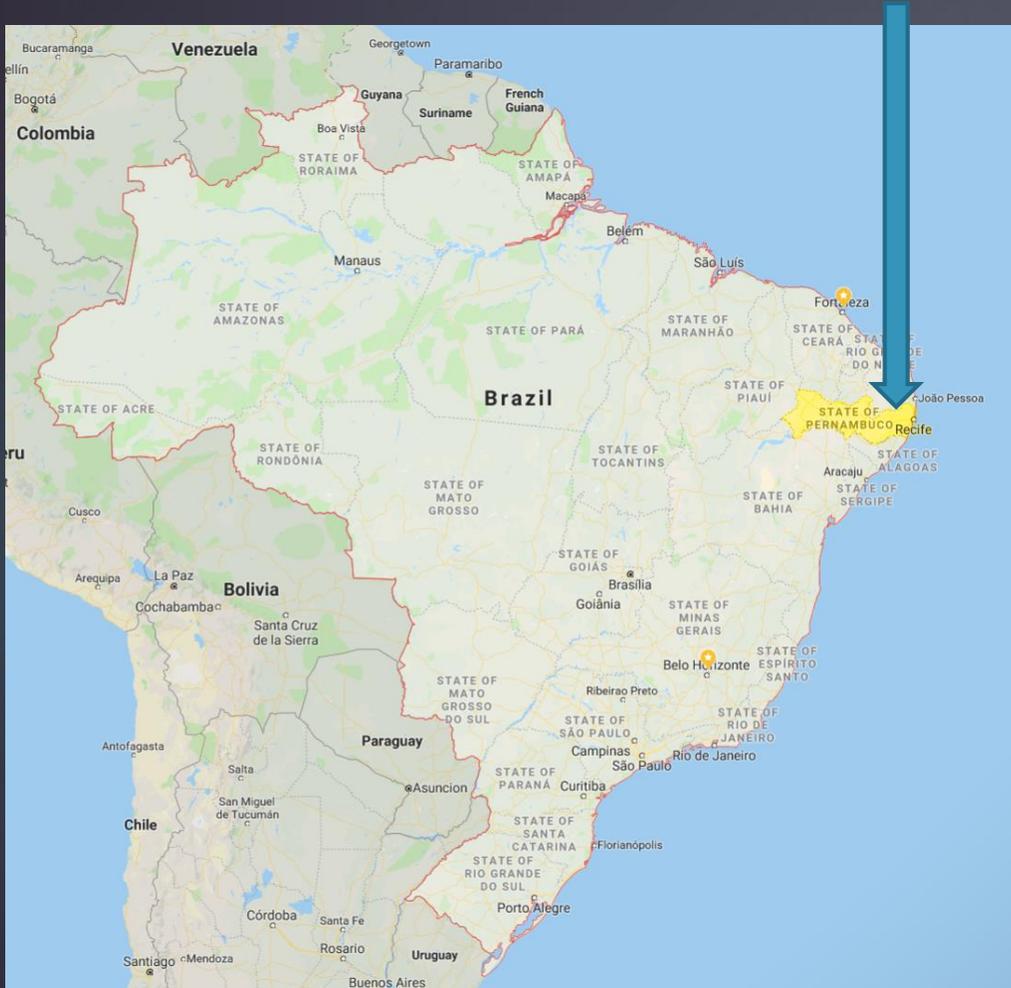
collaboration Patricia de Filippi

Instituto Brasileira
CEBRAP – Digital Culture Center



When and where this all started....

The Rede Memorial 2008 – State of Pernambuco, Brazil



Google maps

Four institutions

- Líber Laboratory
research center from the Federal University of Pernambuco
- City Museum
- State Public Library
- State Public Archives

Goals → Create a community, share resources, technologies, problems and solutions, reach common goals, education and training...

The network in Recife and the first national meeting in 2011

31 public and private institutions signed a commitment letter – the *Carta do Recife*

Initial goals → Working with open access to information and standards for digitization projects of cultural and historical relevance

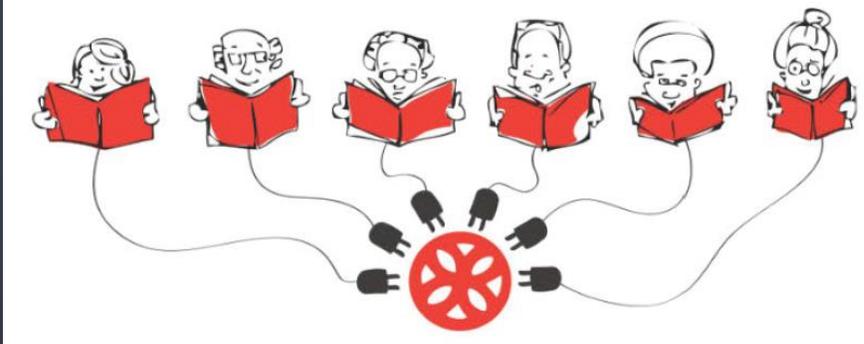
Creation of the National Network *Rede Memorial*

2012

Meeting at *Cinemateca Brasileira*, São Paulo

118 public and private institutions participated

Carta do Recife 2.0



Second version of the commitment letter
Carta do Recife 2.0

Carta do Recife 2.0

Commitment to:

- 1 – Open, public and free access
- 2 – Sharing information and technology
- 3 – Accessibility standards
- 4 – Identification, organization, preservation and housing before digitization
- 5 – Standards for digitization and image processing
- 6 – Standards for metadata and digital repositories
- 7 – Standards for digital preservation
- 8 – Projects involving education, research and staff training
- 9 – Marketing and education: access to digitized collections
- 10 – Understanding and abiding by legal rights issues

8 – Projects involving education, research and staff training

Project → **The Digitization Kit**

- Ministry of Culture, Digital Culture – *now both extinct*
- Project proposed and coordinated by Instituto Brasileira/Cebrap
- Petrobras Cultural Grant / November 2013 – *no funding since 2014*
- Selection of 10 institutions out of more than 60 applicants

The importance of the kit

Interview with Margaret Hedstrom

<http://www.digitalpreservation.gov/series/pioneers/hedstrom.html>

- ▶ *“We need to appreciate the privileged position developed countries are in regarding technology,” Margaret says. “The most threatened content in the world is the unique content in developing countries.”*
- ▶ *“ ...we need to be cognizant of the fact that because almost all the (digital preservation) emphasis is coming from a small number of developed countries, we're going to have a skewed historic perspective.”*
- ▶ Even if Western countries help digitize the collections of developing countries, it is crucial to also help them create a solid infrastructure and advance their capacity to care for their own digital heritage.

The Digitization Kit – the main ideas

Providing the opportunity for medium and small institutions to get involved with digital domain – use digitization as an entry door

- In-house digitization
- Good quality with low cost
- Foster preservation and cataloging of originals and metadata standards for preservation/access
- Discuss digitization for access and for preservation
- Get hands-on experience with digital
- Go from digitization to digital preservation
- Provide access to their collections online
- Be an active part of a network

The kit



Unboxing!



The kit



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List of Equipment Rede Memorial

Category	Product	Observations
1. Image Capture		
Tabletop A3 book scanner	Plustek OpticBook A300	A3 size Border for book scanning
Digital camera	Nikon D610 Macro Nikon 60mm G	24MP
Accessories for digital cameras	Extra battery for Nikon D610 Remote control for Nikon D610 Bubble level Ballhead Manfrotto 496RC2 Polarizing filter Kenko 62mm UV filter Kenko 62mm 2 SD cards 16GB Sandisk 1 color scale and 1 grayscale Tiffen 1 package of lens cleaning tissue Sandisk card reader Camera bag	
Reproduction material	Atek copy stand AT674 Sekonic light meter L-308s Lighting - 2 studio flashes Mako 2002 Tripods, reflectors, barndoors, filter holder Polarizing screen filters for flash heads	
2. Processing		
Computer	Dell Optiplex 9020 i7, 8MB RAM, 500GB 23-inch Dell IPS monitor, network card, 4TB additional internal hard drive UPS-Uninterruptable Power Supply NHS AVR-Automatic Voltage Regulator NHS	
Software	Windows, Adobe Bridge, Lightroom, Xnview, DirSyncPro, Image Verifier, AVG anti-virus	
3. Storage		
3TB external hard drives	3 Lacie/Porsche external hard drives with Storage capacity of 3TB each	

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The training

Training 1

1 week intensive program with 5 groups from southern Brazil

Training 2

1 week intensive program with 5 groups from northeastern Brazil



The training





The 10 digitization kit labs throughout Brazil



Sindicato Único dos Trabalhadores em Educação de Minas Gerais
Belo Horizonte, Minas Gerais



Associação Nacional de Ação Indigenista ANAI
Salvador, Bahia



Santa Casa de Misericórdia
Salvador, Bahia



Laboratório montado no Sindicato Único dos Trabalhadores em Educação de Minas Gerais em Belo Horizonte



Laboratório montado na Associação Nacional de Ação Indigenista, ANAI, em Salvador



Laboratório montado na Santa Casa de Misericórdia em Salvador



Arquivo Público do Estado do Ceará
Fortaleza, Ceará



Fundação Cultural de Joinville
Joinville, Santa Catarina



Biblioteca Pública do Estado de Pernambuco
Recife, Pernambuco



Instituto Ricardo Brennand
Recife, Pernambuco



Equipe trabalhando no laboratório de digitalização do Instituto Ricardo Brennand



Laboratório montado na Fundação Cultural de Joinville



Equipe trabalhando no laboratório de digitalização da Biblioteca Pública do Estado de Pernambuco



Laboratório montado no Arquivo Público do Estado do Ceará



Several of the digitization labs in Brazil

Improving the Digitization Kit project – lessons learned

- Build better communication between labs
- Visits to labs during project
- Training as a continuous activity
- Centralized digitization lab for training, building educational material, testing and research
- Online platform for access to collections
- Tainacan – open source online platform
- Involvement in the dilemma of long-term digital preservation
- Moving from projects to programs

Some of the challenges

- **The fragility of institutions**
governmental and institutional policies
- **The fragility of jobs**
interns x hired positions



The fire at the National Museum, Brazil
September 2018
Felipe Milanez_CC BY-SA 4.0

*Nothing is built on stone;
all is built on sand,
but we must build as if
the sand were stone.*

Jorge Luis Borges

Thanks!

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