



The Preservation Effort of Cultures Through E-Book Publications : The Case Study of Indonesia Heritage Digital Library

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BACKGROUND

- The need for efforts to collect, store and preserve thousands of manuscripts collection that is widespread in the archipelago as a cultural heritage in written form.
- Increasing number of collections of manuscripts which are destroyed or decayed because with age or due to any improper conduct by the public and the heir to sell it to foreigners.
- The rapid development of Information Technology in Digital form that can be applied in terms of preserving cultural heritage.

VARIOUS MANUSCRIPT COLLECTIONS



- Approximately thousands titles of Manuscripts in various forms of handwriting contained in various media such as paper, palm leaves, dhaluang, bark, animal skins, wood, bamboo, clay, and ceramics.

WHY DIGITISATION ?

- In a digital scope, with the transfer of media is **digital product creation** process that has value to be preserved at all times.
- Calculation of long-term time in the creation of digital products needs to be done when the system is designed to support start and before the digital conversion efforts began.
- Efforts to design and create a digital product can provide added value to the content of information on the documents that can be used as a source of service information.
- Maintenance efforts that have been generated digital products need to be given special attention so it can run well on systems that have been made.
- The transfer of digital media is not absolute but depends on sustained change.

RESOURCES NEEDS

- Team members or staff who are trained in their field.
- Supporting the availability of devices and technologies.
- Adequate room to do the job.
- Availability of cost (funding).

THE BASIC PRINCIPLES OF DIGITAL MEDIA

- **Length of old:** Efforts to control the media in digital scope is focused on how to maintain the service life of the disc media (disk) or data storage media is physically quite vulnerable.
- **Selection:** The selection process carried out in order to provide added value to the conservation efforts undertaken. Selections include defining values , respect for anything, and then decide the need for conservation efforts in place a suitable or appropriate.
- **Quality:** In the digital scope to maximize the quality is significantly limited by the technology to capture and display images that are used in electronic media. Transfer of digital media is done by considering the good quality is capable of giving the appearance that is not much different from the original source with a touch of technology used.
- **Integrity:** The scope of the digital integrity of the physical meaning associated with the digital file storage media that have been compressed and stored mathematically with a variety of formats and can be sent over existing computer networks.
- **Accessible:** the scope of the current digital preservation efforts and how to access the result is an alloy that can not be separated.

DIGITIZATION WORKFLOW



HARDWARE SUPPORT



Heikelmedia DigiPro v2.0

DIGITIZATION PROCESS



More than 30.000 titles in Years

ENSURE DIGITAL IMAGE QUALITY

- PIXEL AND RESOLUTION
- DEPTH OF COLOR
- FILE DIGITAL FORMAT

METADATA STANDARD COMPONENT

- OBJECT NAME
- OBJECT TYPE
- TITLE
- AUTHOR
- PUBLISHER
- PHYSICAL DESCRIPTION
- CREATION TECHNIQUE
- DIMENSION (HIGH, LENGTH, WIDTH)
- SUBJECT
- DATE & YEAR
- CONTENT DESCRIPTION OR ABSTRACT
- INSTITUTION NAME
- COPYRIGHT
- ORIGIN OF STATE AND PROVINCIAL

METADATA SAMPLE IN DIGITAL LIBRARY

Pustaka Pararatuan i Bhumi Jawadwipa 1-1



 Tampilkan Koleksi

Bagikan Artikel ini:

Twitter

Facebook

Instagram

Detail Metadata

Judul :

Pustaka Pararatuan i Bhumi Jawadwipa 1-1

Deskripsi :

Pustaka Pararatuan i Bhumi Jawadwipa 1.1 menuturkan peristiwa sejarah masa lampau tentang raja dan kerajaan yang terletak di Jawa Barat, Jawa Tengah dan Jawa Timur. Uraianannya banyak tertumpu pada karya Mahakawi (Pujangga Besar) Mpu Khanakamuni dari Majapahit, beliau menjabat sebagai Dharmadhyaksa (pejabat tinggi keagamaan) urusan agama Buddha. Selain itu kitab ini mencontoh beberapa karya pujangga besar yang telah mengubah kisah kerajaan-kerajaan di Pulau Jawa. Selain itu dilengkapi pula uraian tentang kerajaan Mataram, Banten, Raja-raja daerah Parahyangan, serta para penguasa daerah lainnya.

Penyusun kitab ini terdiri dari 12 orang, yaitu tujuh orang menteri (jaksa pepitu) kerajaan Carbon, seorang pujangga dari Banten, Sunda, Arab, dan seorang lagi. Mereka dipimpin oleh Pangeran Wangsakerta. Kitab ini mulai dikerjakan pada tahun Saka sruti-sirna-ewahing-bhumi (1604 Saka = 1682 Masehi), ditulis di Keraton Carbon oleh Pangeran Wangsakerta atau Panembahan Carbon Tohpati bergelar Abdul Kamil Mohammad Nasarudin.

Isi naskah yang ditampilkan secara online hanya 10 hlm, untuk mengakses halaman naskah lainnya silahkan hubungi kami.

Pembuat :

Tim Pangeran Wangsakerta

Tahun Pembuatan :

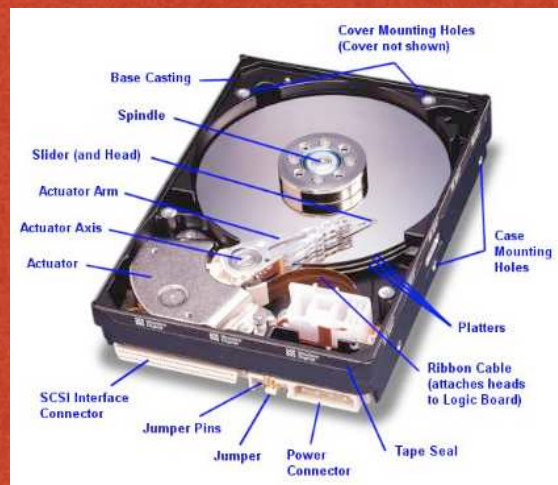
1682

Jenis Koleksi

E-Book

Bahasa :

DIGITAL FILE BACK UP



GOALS

- To further optimize the utilization of manuscripts by the community, especially among the younger generation there is need for awareness of the importance of conserving the nation's noble heritage by way of knowing and understanding the content of the manuscript either through formal study and forums communities.
- Make efforts to transfer digital media, more than the text and the translation to be equally accessible in the archipelago.
- Cooperation at the regional, national and international levels in terms of efforts to collect and save the manuscripts which is still widely spread in the community are also other sources that have been taken abroad.

INDONESIA HERITAGE LIBRARY DEMO

www.indonesiaheritage.org



Beranda

Koleksi

Peta Interaktif

Editorial

Kontak

Tentang Kami

Donasi



✓ Naskah Kuno

120

✓ Kerajaan

1

✓ Alam

8

✓ Instrumen Musik Tradisional

26

✓ Bangunan Bersejarah

2

✓ Permainan Rakyat

1

✓ Senjata Tradisional

1

✓ Upacara Adat

2

✓ Seni Pertunjukan

1

✓ Alat Musik Tradisional

25

✓ Candi

1

✓ Rumah Adat

1

✓ Kerajinan Tradisional

1

✓ Cerita Rakyat

1

✓ Museum

3

✓ Sinema

1

✓ Bahasa Daerah

1