



Time
Machine

Kansisivu

“We want to **innovate access** to cultural heritage by creating participatory platforms, allowing for a **‘polyvocal history’**, that also **includes citizens’ perspectives** on the places and information that is relevant for them and their lives.”

Arkistojen digitalisaatio ja uudet
mahdollisuudet

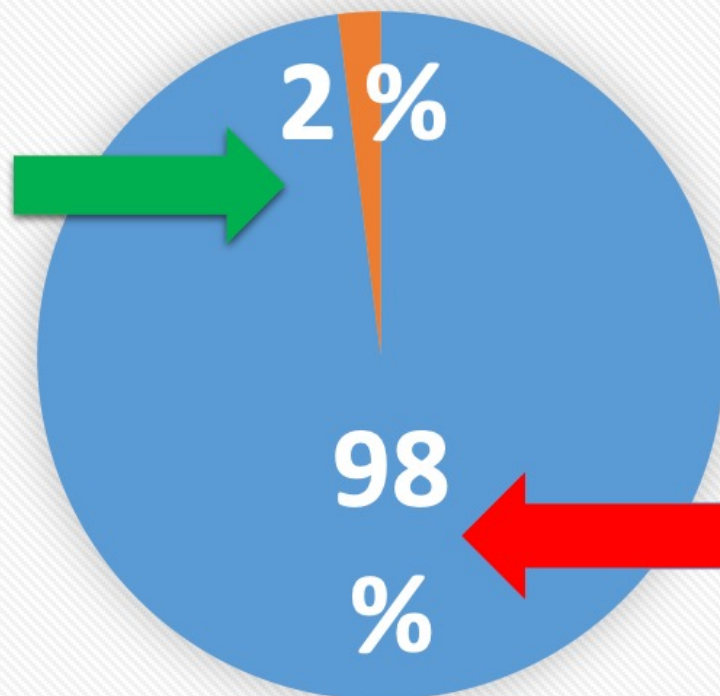
Arkistot kuuluvat kaikille -seminaari

23.5.2022



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Digitaalinen
kulttuuriperintö
Euroopassa



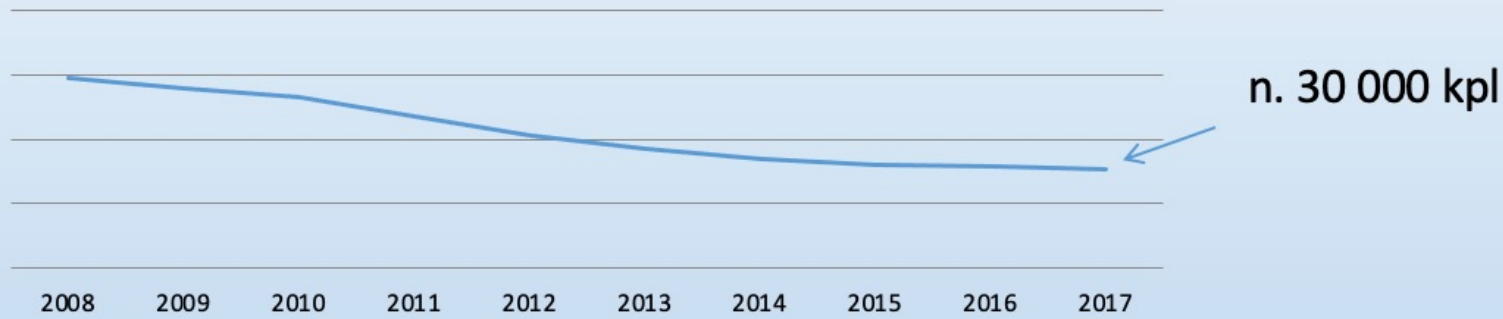
Analoginen
kulttuuriperintö
Euroopassa

“A large-scale research initiative is needed to drive simultaneous progress on all fronts, creating **synergies** and **multiplying** the effects from different sources of funding.”

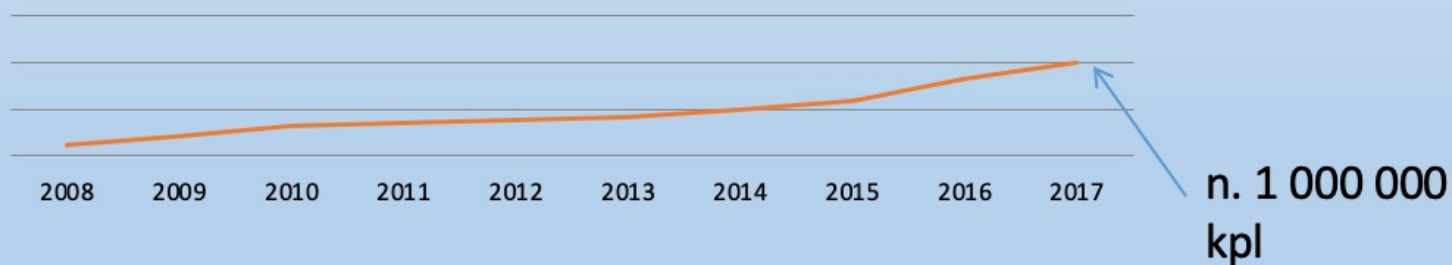


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Fyysiset asiakaskäynnit Kansallisarkistossa 2008-2017



Käyntien määrä Digitaaliarkistossa 2008-2017



“Our focus is on the joint efforts on **Big Data, artificial intelligence, augmented reality and 3D** and the development of European platforms in line with European values.”

Noin 95 % asiakirjallisen
kulttuuriperinnön käytöstä tapahtuu
verkossa

Mutta vain 4 % aineistoista on siellä



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“We will develop **novel scanning** technologies to digitise massive amounts of fragile documents and artefacts, through new types of sensors, robots and automated processes. These will provide **rapid scanning solutions** in science, industrial archives, public administration, and potentially in services for consumers.”



Mitä siis on tehtävä?

1. Edellytysten luominen kulttuuriperinnön kattavaan digitointiin meidän aikanamme
2. ”Menneisyyden big datan” tuottaminen esim. tekstin- ja hahmontunnistuksen avulla
3. Edellytysten luominen uudenaikaiseen datankäsittelyyn ensiluokkaisen tekoälytuotteen avulla
4. Datan pitkäaikaissäilytyksestä huolehtiminen

“A large-scale research initiative is needed to drive simultaneous progress on all fronts, creating **synergies** and **multiplying** the effects from **different** sources of funding.”



Time
Mag

NARA up

Researchers read sealed letter with

Israeli researchers develop effective method to store huge digital data in DNA

Source: Xinhua | 2019-09-10 22:57:27 | Editor: yan

The issuance of the framework encourages recordkeeping. [archives.gov/pres](https://www.archives.gov/preservation) cloud-based ele

The framework and it lays out formats. The include record preservation

We release will update

This process in creating mitigating

By plan digital catalog

JERUSALEM, Sept. 10 (Xinhua) -- Israeli researchers have found a way to store a huge amount of digital information in DNA molecules, significantly streamlining the data writing process, the Israel Institute of Technology (Technion) said on Tuesday.

In the study which was published in the journal Nature Biotechnology, the researchers at the Technion and the Interdisciplinary Center in central Israel demonstrated data storage at a density equivalent to storing more than 1 million gigabytes per gram of DNA.

Such density theoretically allows storing all the information stored in Youtube in one teaspoon.

To test the method, the researchers coded thousands of copies of the Bible in a bilingual version into 10 nanograms (billionths of a gram) of DNA in vitro.

The DNA molecule is a chain consisting of nucleotide links, divided into 4 types, namely A, C, G and T. In order to store information in DNA, each binary sequence must be translated

▲ An unopened letter

In a world

the study of historic documents, an unopened letter written in 1697 has been read by researchers without breaking the seal.

government entities could be integrated, and eventually the government will provide

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A solution to digital

New digitisation hub for National Archives of Australia

Monday, 29 November 2021

National Archives' efforts to increase online access to its vast collection have been given a major boost with the signing of a contract with commercial digitisation provider Micro Image to operate from the Archives' new industrial scale digitisation hub.

Under the partnership Micro Image, based at the new digitisation hub in the National Archives' repository on Sandford Street in the Canberra suburb of Mitchell, will undertake large-scale digitisation of at-risk items from the national archival collection.

July this year the Australian Government announced an extra \$67.7 million over four years to fund the National Archives' *Defend the Past, Protect the Future* Program. This Program will see the digital preservation of critical at-risk collection material, including audiovisual content, before

”Puolusta
menneisyyttä,
suojele
tulevaisuutta”

”...ainutulos”



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Kirjallinen kysymys ministerille (KK 152/2022 vp)

”Hallituksella ei ole tällä hetkellä erillisen kansallisen digitointikeskuksen perustamiseksi toimenpiteitä valmisteilla.”

”Digitointia tehdään eri puolilla Suomea kulttuuriperintölaitosten tiloissa tai hankkimalla digitointia siihen erikoistuneilta yrityksiltä.”



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Ehdotus kulttuuriperintöstrategiaksi

”Digitaalisia palveluja ja sisältöjä kehittämällä voidaan parantaa kulttuuriperintötiedon ja palveluiden saatavuutta.”

”Tekoälyn avulla voidaan tarkastella, tutkia ja hyödyntää kulttuuriperintötietoa eri aloilla uusin tavoin.”

”Laajamittaisella digitoinnilla voidaan tukea jokaisen oikeutta päästä oman kulttuuriperintönsä äärelle.”

”Kriittistä on digitaalisen pitkäaikaissäilytyksen turvaaminen, sillä pitkällä aikajänteellä digitaalinen aineisto voi olla ainoa ilmenemismuoto.”



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Tomi Ahoranta

Time Machine -lähettiläs

tomi.ahoranta@kansallisarkisto.fi

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<http://www.arkisto.fi/tm>

timemachine.eu



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[timemachine.eu/trailer](https://www.youtube.com/watch?v=timemachine.eu/trailer)