Virtual Museums and Cultural Heritage: Challenges and Solutions

Nadezhda Povroznik
Associate Professor
Center for Digital Humanities
Perm State University
Povroznik.ng@gmail.com

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Explore the Van Gogh Museum's collection: Vincent van Gogh's famous paintings and drawings and the work by his artist friends and contemporaries.

national museum australia

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At the heart of the National Museum of Australia is our N which represent Australia's history and cultural heritage.

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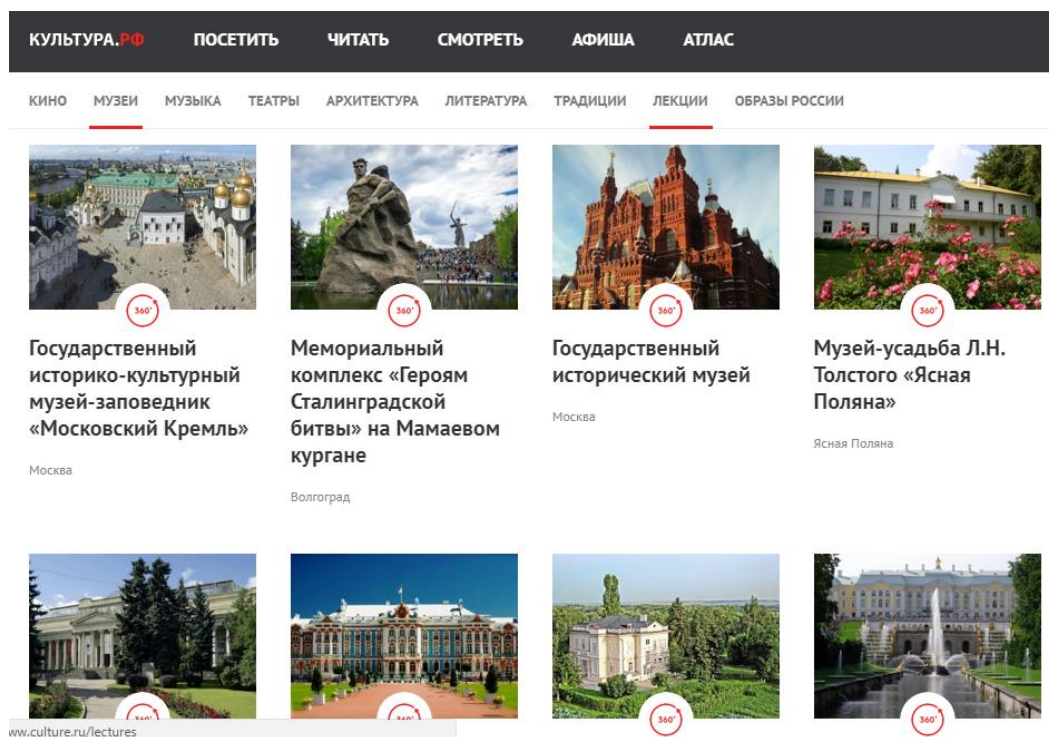
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Video highl

Портрет актрисы Жанны Самари. Огюст Ренуар

В фокусе

The problem of terminology

- The term "virtual museum" can cover many different kinds of resources.

What is a Virtual Museum?

A Virtual Museum (VM) is an information system containing a conceptually unified electronic collection or set of collections of objects (items) with metadata, which has the characteristics of a museum, and which facilitates research, education and discovery activities in the virtual space.

Obstacles to the effective use of VM resources

Problems of sources and their organization:

- metadescription;
- origin and authenticity of the source and its verification;
- quality of digital copies;
- organization of sources; and
- multiple source formats.

Problems related to informational context:

- Not all information resources refer to the context and origin of sources.

Problems of the organization of information in the VM space:

- Lack of search functionality and complexity of interface;
- Attention is not paid to the possibilities and methods of using hosted resources;
- The absence of classification and material categorization.

Catalogues of Virtual Museums

- Lists of virtual tours in virtual museums:

- Tour The American Museum of Natural History
- The American Museum of Photography Guided Tour
- American Red Cross Virtual Museum
- American Treasures - Library of Congress
- The Ancient Olympic Games Virtual Museum
- Tour an Ancient Roman Villa
- Tour of The Andy Warhol Museum
- The Canadian Museum of Civilization
- Tour The Catherine Palace of Tsarskoye Selo
- Tour The Collection at The National Gallery of Art
- Tour the DeCordova 35 acre Sculpture Park

http://www.virtualfreesites.com/museums.museums.html

Catalogues of Virtual Museums

THE MUSEUM OF ONLINE MUSEUMS

MoOM

Currently | Previously | Benefactors | Mission

Welcome to the MoOM. The galleries are updated continuously, and new exhibitions are hung each quarter.

The Curators

Introducing a film from Coudal Partners and The Board of Directors of the Museum of Online Museums. *The Curators* is a three-part documentary, hosted by Collections Director Kevin Guilfoile, that focuses on the collectors and the collected.

The Museum Campus

☐ Bodleian Libraries, Oxford, UK †
☐ The Met Digital Collections †
☐ Museum of Mathematics †
☐ Computer History Museum †
☐ National Postal Museum †
☐ The Met's Timeline of Art History †
☐ National Gallery of Art †
☐ Rijksmuseum †
☐ Russian Museums List †

- Lists of virtual museums (lists of virtual resources of real museums);
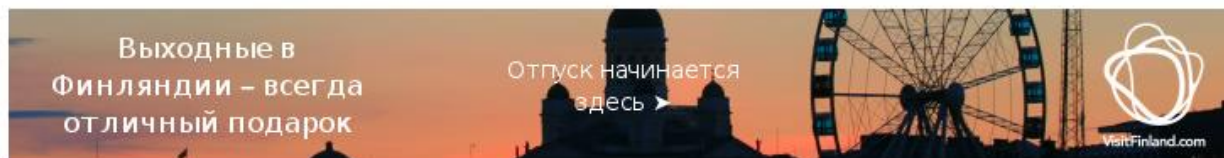
  http://www.coudal.com/moom

Catalogues of Virtual Museums

- Lists of thematically-oriented virtual museums and virtual museums with particular purposes (e.g. educational)

Educational Technology and Mobile Learning
A resource of educational web tools and mobile apps for teachers and educators

HOME   CATEGORIES   EDTECH TOOLS   GOOGLE DRIVE GUIDES   CHROME TOOLS   CHROMEBOOK APPS   ANDROID APPS   IPAD APPS   BOOKS 4 TEACHERS   EDTECH CHARTS   CONTACT

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Отпуск начинается здесь ▶

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20 Wonderful Online Museums and Sites for Virtual Field Trips to Use in Class

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http://www.v-must.net

v-must

EXPERIENCE
THE FUTURE
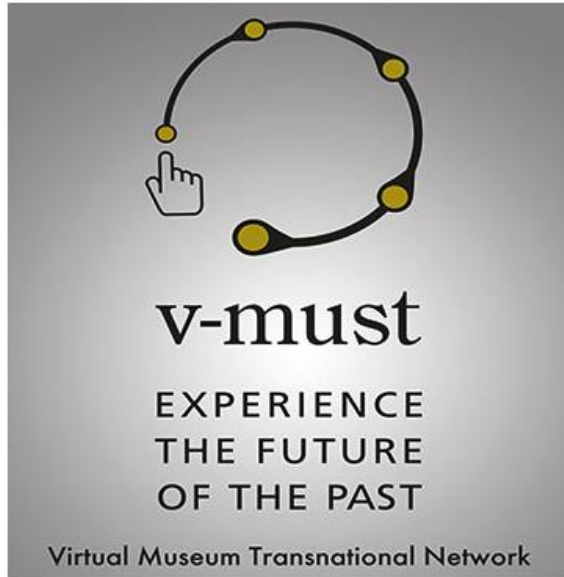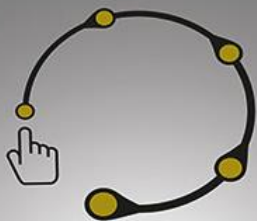OF THE PAST

Virtual Museum Transnational Network

Description parameters:
- Content (virtual museums are classified by their subjects – archeology, history, natural history, ethnography, arts, technology);
- Interaction technology (the possibilities for users to take an active part in the work of the museum – games, virtual tours, voice control systems etc.);
- Duration;
- Communication;
- Level of Immersion;
- Format;
- Scope (Educational, Edutainment, Enhancement of Visitor Experience, Entertainment, Promotion, Research);
- Sustainability.

http://www.v-must.net

v-must

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THE FUTURE
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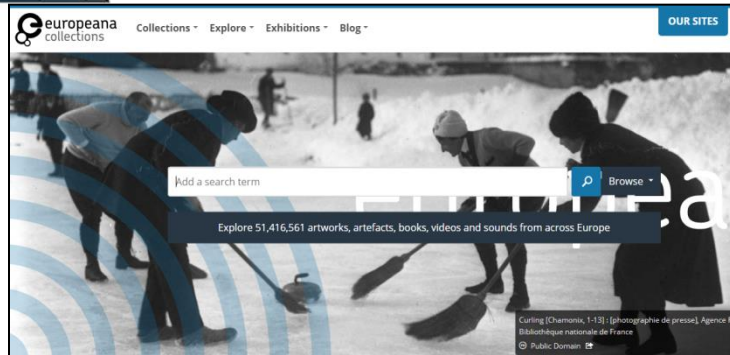Virtual Museum Transnational Network

Не удается получить доступ к сайту

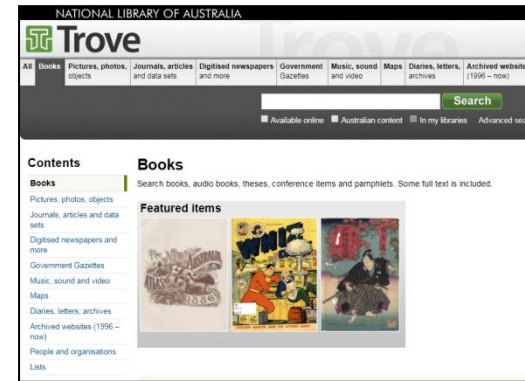Не удалось найти IP-адрес сервера **www.v-must.net**.
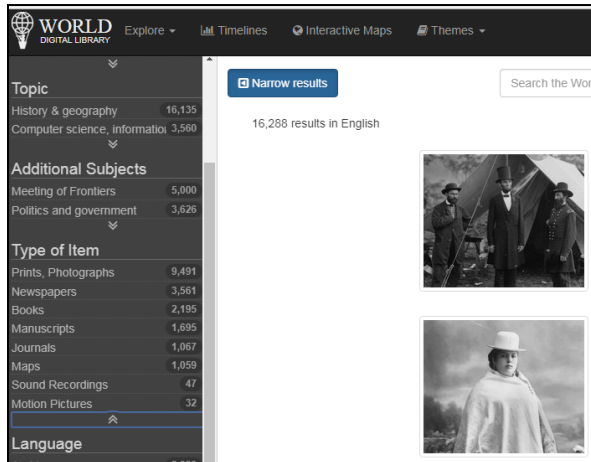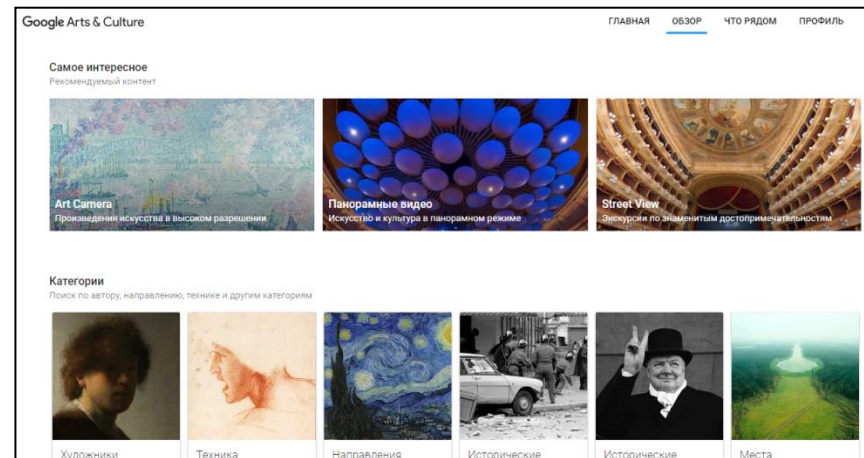DNS_PROBE_FINISHED_NXDOMAIN

Перезагрузить

Aggregating GLAM Data

EUROPEANA

TROVE

World Digital Library

Google Arts & Culture

Documenting Information Sources of Digital Heritage

History-oriented information systems

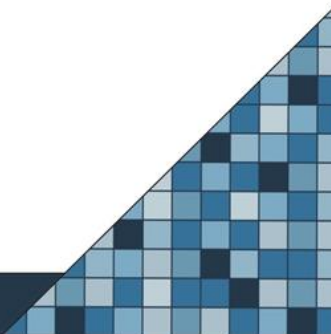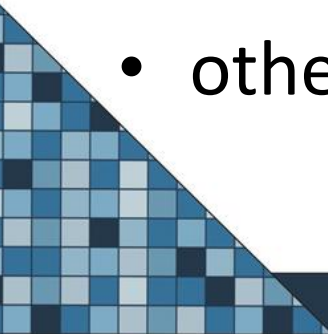Project was supported by RFBF (2013-2015, grant № 13-06-00655)

Digitalhistory.ru

- Cataloging and documenting Digital Cultural Heritage informational resources;

- Overcoming the problems of finding the resources;

- Multisource approach.

Basic elements of description are:

- resource name and address on the Internet;
- organization-creator and the authors;
- country (in which the resource is created);
- language of the museum interface and the resource;
- year of the creation and the sources of support (research funds and other organizations)
- other fields.

Fields of resource description

- Field of Humanities;
- Field of History;
- Geography;
- Period of History;
- Type of information resource;
- Audience;
- Type of Cultural Heritage;
- metadata;
- Type of fine arts

- Presence of legends;
- Presence of virtual tours and other ways of real museum space representation;
- Ways of interacting with the Digital Cultural Heritage;
- Availability of personal account and its possibilities (e.g. the creation of one's own collections on the basis of virtual museum resources).

Search capabilities

- Full list of information sources

- Search by systems

- Search by countries

Retrieval system

Context search: [   ]

System Type:
- ☐ GIS
- ☐ prosopographical
- ☐ factographic
- ☐ bibliographical
- ☐ historiographical
- ☐ expert
- ☐ encyclopedic
- ☐ Scientific Journal
- ☐ Statistical
- ☐ Other

Types of sources:
- ☐ Statistical
- ☐ Material
- ☐ Textual

Field of Humanities:
- ☐ History
- ☐ Philology
- ☐ Political science
- ☐ Museology
- ☐ Archival studies
- ☐ The humanities in general

Geography:
- ☐ the world as a whole
- ☐ Russia
- ☐ Asia
- ☐ Australia
- ☐ North America
- ☐ South America
- ☐ Western Europe
- ☐ Eastern Europe
- ☐ Africa
- ☐ Arctic

Period of history:

Solutions

- Systematization of information;

- Detection of thematically close resources;

- Basis for wider attraction of resources to research, education and various usages;

- Provide the opportunity for research on Virtual Museums.

Work-in-progress

- The Course "Information technologies in Humanities" for bachelors of all humanitarian faculties at Perm State University.

- The Course "Virtual Museums, Digital Archives and Libraries" for masters of the specialisation "Culturology".

Thank you for your attention!

Povroznik.ng@gmail.com