



EUROPEANA SOUNDS

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MS20 Audio Channels Second Prototype

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Abstract

This milestone describes the second audio channel prototype. It includes references to the outcomes of the User Experience research which underpins the design assumptions and principles of the prototype.

Dissemination level		
P	Public	X
C	Confidential, only for the members of the Consortium and Commission Services	
I	Internal, only for the members of the Consortium	

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http://ec.europa.eu/information_society/activities/ict_psp/



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II. REVISIONS

Version	Status	Author	Partner	Date	Changes
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0.1	First draft	David Haskiya	EF	27/01/2015	New wireframes added, more context added to existing wireframes
0.3	Second draft	David Haskiya	EF	28/01/2015	More wireframes added, more context added to existing wireframes
1.0	Final version	David Haskiya	EF	30/01/2015	Updates based on feedback from PMB

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	Name	Partner/WP	Date
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IV. DISTRIBUTION

No.	Date	Comment	Partner / WP
1	30/01/2015	Submitted to the European Commission	BL / WP7
2	30/01/2015	Posted on Europeana Pro Website	BL / WP7
3	30/01/2015	Distributed to project consortium	BL / WP7

V. APPLICATION AREA

This document is a formal output for the European Commission, applicable to all members of the Europeana Sounds project and beneficiaries. This document reflects only the author's views and the European Union is not liable for any use that might be made of information contained therein.

VI. DOCUMENT AMENDMENT PROCEDURE

Amendments, comments and suggestions should be sent to the authors named in the Delivery Slip.

VII. TERMINOLOGY

A complete project glossary is provided at the following page:

<http://pro.europeana.eu/web/guest/glossary>

Further terms are defined below as required:

TERM	DEFINITION
AB	Advisory Board
APEX	Archives Portal Europe network of excellence
EC-GA	Grant Agreement (including Annex I, the Description of Work) signed with the European Commission
GA	General Assembly
PC	Project Coordinator
PI	Performance Indicator
PM	Project Manager
PMB	Project Management Board
PSO	Project Support Officer
TEL	The European Library
TD	Technical Director
UAP	User Advisory Panel
WP	Work Package

VIII. PROJECT SUMMARY

Europeana Sounds is Europeana's 'missing' fifth domain aggregator, joining APEX (Archives), EUScreen (television), the Europeana film Gateway (film) and TEL (libraries). It will increase the opportunities for access to and creative re-use of Europeana's audio and audio-related content and will build a sustainable best practice network of stakeholders in the content value chain to

aggregate, enrich and share a critical mass of audio that meets the needs of public audiences, the creative industries (notably publishers) and researchers. The consortium of 24 partners will:

- Double the number of audio items accessible through Europeana to over 1 million and improve geographical and thematic coverage by aggregating items with widespread popular appeal such as contemporary and classical music, traditional and folk music, the natural world, oral memory and languages and dialects.
- Add meaningful contextual knowledge and medium-specific metadata to 2 million items in Europeana's audio and audio-related collections, developing techniques for cross-media and cross-collection linking.
- Develop and validate audience specific sound channels and a distributed crowd-sourcing infrastructure for end-users that will improve Europeana's search facility, navigation and user experience. These can then be used for other communities and other media.
- Engage music publishers and rights holders in efforts to make more material accessible online through Europeana by resolving domain constraints and lack of access to commercially unviable (i.e. out-of-commerce) content.

These outcomes will be achieved through a network of leading sound archives working with specialists in audiovisual technology, rights issues, and software development. The network will expand to include other data-providers and mainstream distribution platforms (Historypin, Spotify, SoundCloud) to ensure the widest possible availability of their content.

For more information, visit <http://pro.europeana.eu/web/europeana-sounds> and <http://www.europeanasounds.eu>

IX. STATEMENT OF ORIGINALITY

This document contains original unpublished work except where clearly indicated otherwise. Acknowledgement of previously published material and of the work of others has been made through appropriate citation, quotation or both.

X. EXECUTIVE SUMMARY: AUDIO CHANNELS SECOND PROTOTYPE

This milestone describes the second audio channel prototype. It includes references to the outcomes of the User Experience research which underpins the design assumptions and principles of the prototype.

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1 INTRODUCTION

This Milestone document provides a walk-through of the second version of the clickable Music Channel prototype created as part of Task 4.1 in Work Package 4. The prototype is based on User Experience research carried out by [User Intelligence](#) on behalf of and in collaboration with the Europeana Foundation. The Netherlands Institute of Sound and Vision also participated in the User Experience research.

It is important to understand the intended purpose of the prototype. The purpose is to visualise the layout, information architecture and (parts of) the interaction of the music channel for use in further user research, and design iterations. It is also a way to demonstrate the intended functionalities to the developers and hence aid them in the technical design and subsequent development of the channel.

As so-called “medium fidelity wireframes”, the purpose is not to represent a finished “pixel-perfect” high-fidelity visual design in terms of colours, fonts, buttons, copy text, etc. This part of the design comes later in the process when layout, information architecture and interaction design are more complete. One example of a high-fidelity design is included as a preview.



Figure 1 Iterating Mona Lisa by [Jeff Patton](#). The design of channels is currently between steps 2 and 3.

1.1 User experience research outcomes in brief

1.1.1 User interviews

User Intelligence performed two rounds of interviews. The first round had 12 users, all of whom work professionally with the Europeana portal, or the type of content it serves (we refer to this type of user as “Culture Vultures”). Of the 12 participants, 6 had a specific interest in music related content¹.

¹ In both tests the other half of the users had a specific interest in fashion. Fashion is another planned channel for Europeana and also contrasts and complements well with music.

In a second round of interviews a further 6 users were interviewed, all of whom had a vocational and casual interest in Europeana or the type of content it serves (we refer to this type of user as “Culture Snackers”). Of the 6 participants, 3 had a specific interest in music.

Note that the prototype in its current version and as included in this document **does not** take into account the results of the interviews with the second round of interviews with the “Culture Snackers”.

See References 1 and 2 for the summary reports from the user interviews.

1.1.2 Personas

Based on the results of the interviews with the “Culture Vultures” and “Culture Snackers” we have created two personas².

² [Personas](#) are used in user-centred design and marketing to represent user types that might use a site or product in a similar way.

Marcel - the culture vulture

Personas Music



Marcel

Age	35
Occupation	Music archivist
Interested themes	Music
Relevant platforms	Google, freesound.org, archive.org

Marcel is currently in his seventh year, working at the Bibliothèque Nationale de France, in their audio visual department. As a music archivist he stores, organises and digitises what is help within the BNF collection.

He knows Europeana, and has used it on occasion in the past, but finds it challenging to locate interesting records. For sound recordings he would like to be able to quickly scan waveform visuals relating to his search. He also finds it frustrating to find metadata in languages that he doesn't understand.

Marcel likes to keep printed copies of records he finds interesting, especially sheet music, but he finds the filter options confusing and he is unable to find one that will specifically help this search.

"Europeana is a wonderful idea, but every couple of years they put it in a new skin. I would be more concerned about the content".



Goal

Wants to search for and play classical music pieces.
Wants to quickly move through related items to keep on exploring the site.
Wants to print out sheet music.

Needs

Search: Wants to easily filter search results in clear understandable ways. Wants to be able to read the metadata in his own language.

Aesthetic: Wants a clean minimal design without clutter, and relevant information presented to him, such as length of an audio recording, or year of recording. He would also like to quickly scan search results by viewing the waveform representation.

Actions: Wants to be able to print out sheet music that he finds, play audio or be able to share images or recordings directly to Twitter.

Touch point

He works within the culture sector, and knows of the Europeana Channels project.



As we continue to design and develop the Music Channel Marcel³ will be a constant reminder and personification of who we serve.

³ The [photograph](#) of Marcel is [copyright](#) of [Thomas Hawk](#).

Marion - the culture snacker

Personas Music



Marion

Culture Snacker

Age	26
Occupation	Event management
Interested themes	Pop culture, Indie pop, Folk music
Relevant platforms	Spotify, Soundcloud, Pinterest

Marion is a Junior Events Manager with a broad interest in pop culture. She likes Indie Folk music very much and via that interest she likes to find and play old traditional folk music clips, and watch video recordings.

She doesn't know about Europeana and is not particularly interested in learning about it. She uses Spotify and SoundCloud a lot though, and is also very active on social media platforms, although she recently deactivated her Facebook account.

When Marion finds things she really likes, she adds them to her Tumblr, or her SoundCloud or Spotify playlists.



Goal

Wants to find and play traditional folk music recordings
Wants to be able to save or share things she likes on her Tumblr page

Touch point

She arrived at Europeana via a link from Twitter, that she was looking at on her morning commute.

Needs

Search: She is not a searcher, she is a browser. She prefers direct and immediate access to playable content via visual entry points. She does not want to be redirected to other websites to play content. She primarily uses her iPhone and iPad.

Aesthetic: She prefers very visual and image centric designs. She is used to content being contextualised, BuzzFeed style, with more emphasis on fun than substance.

Actions: Wants to primarily play music and videos, she is also interested in re-posting some content and adding to her personal playlists.



As we continue to design and develop the Music Channel Marion⁴ will be a constant reminder and personification of who we serve. She is also a relevant persona for Europeana Sounds' work to use Spotify and SoundCloud as external distribution channels⁵.

⁴ The [photograph](#) of Marion is [copyright](#) of [Tulane Publications](#).

⁵ See MS18 *External Distribution Channels Brief* [REF 5]

1.1.3 Design Principles

Based on the outcomes of the initial Europeana concept for channels, the user interviews, and the stakeholder interviews User Intelligence created a Design Principles document⁶.

To position Channels as a premium service with a consistently higher level of user experience compared to the basic Portal we plan to set the metadata quality standards for inclusion in a Channel to be higher (than for inclusion in the basic Portal). This matches well with the high level of ambition for metadata quality set in Work Package 1 of Europeana Sounds. The design principles of Channels are premised on such a level of quality excellence.

1.1.4 Wireframes

Based on the outcomes of the UX research and the design principles User Intelligence produced a set of wireframes. These wireframes, with further additions by Europeana in the same style, are the basis for the prototype described in this document.

The wireframes created focus on the functionalities and major features most likely to be included in the first production version of the Music Channel. This is why user annotation features are not included as they do not come into primary focus for exploitation in Channels until 2016.

Note that all wireframes in the document are shown in the style they would be displayed on a desktop or laptop PC or large screen tablet. On smaller devices (mini-tablets, smartphones, wearables) the layout would automatically compensate for the smaller screen - a so-called [Responsive Design](#).

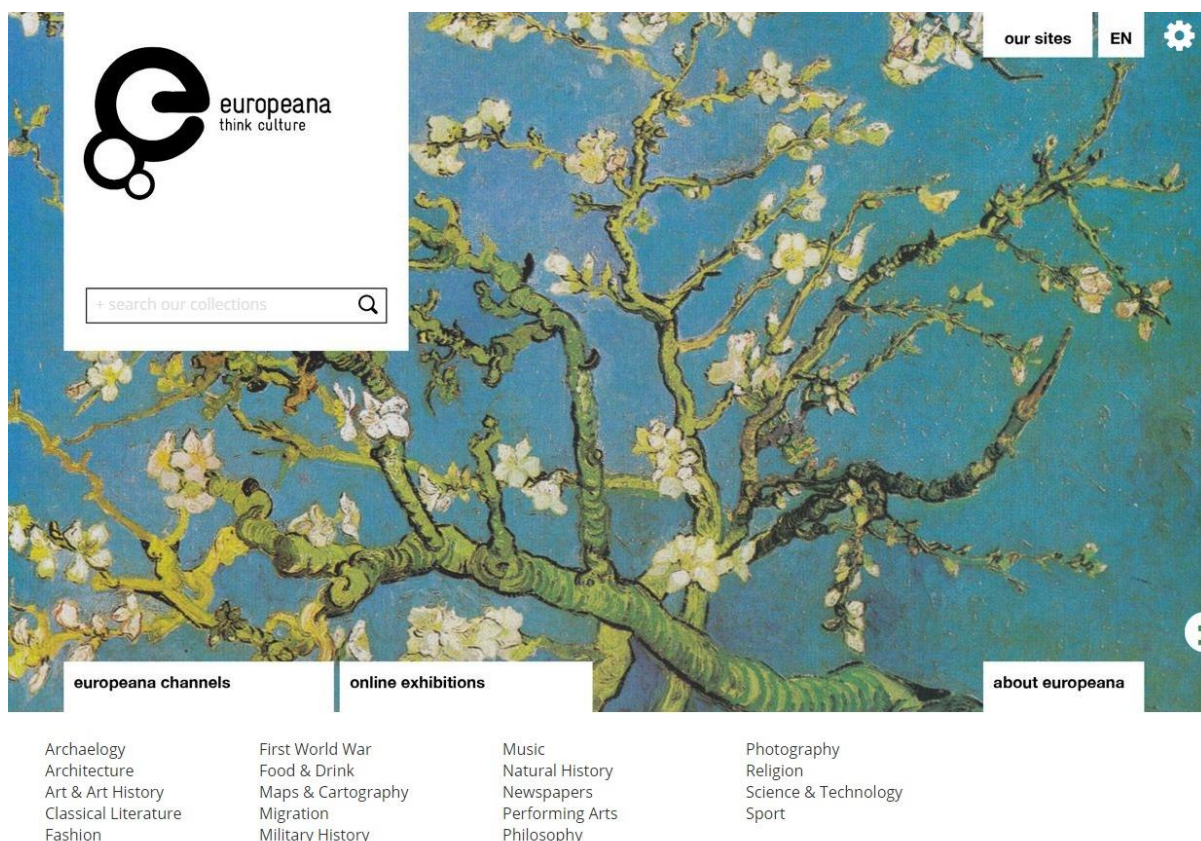
⁶ See Reference 3

2 WALKTHROUGH OF THE PROTOTYPE WIREFRAMES

The user interface is planned to be localised into all the official languages of the European Union, (as in the Europeana portal). In the prototype, we show the English locale only.

2.1 Portal landing page

Channels need to be viewed from the perspective of the portal as a whole. The Channels concept envisions channels as thematic vertical searches available on the generic horizontal. Individual Channels must be easily found and navigated to from the portal landing page.



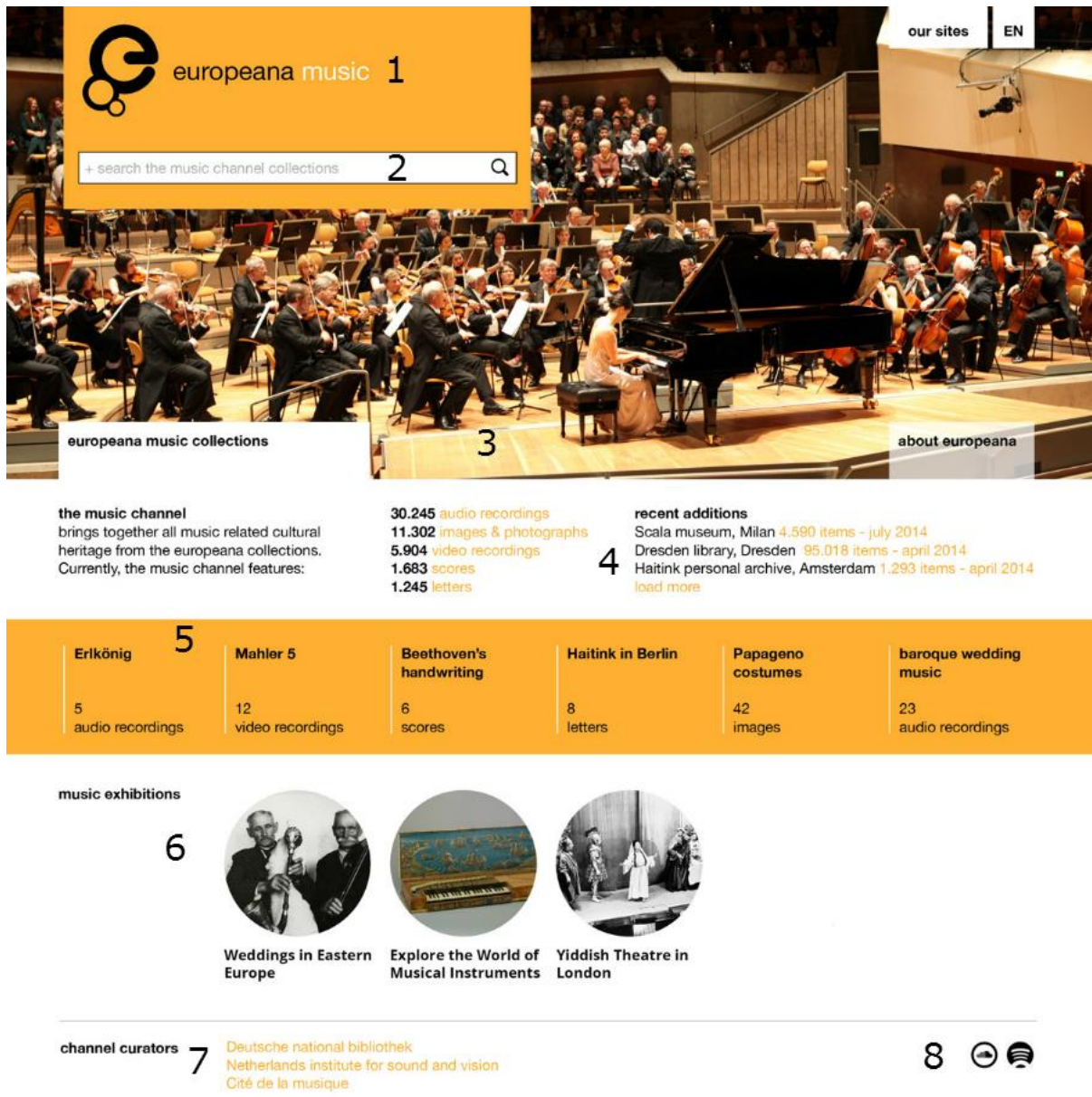
In this wireframe the available Channels are listed in alphabetical order. The design is based on the interviews with Culture Vultures and will likely be modified somewhat to become more visual as the interviews with Culture Snackers indicated that visualized browse and navigation entry points are essential in attracting their interest.

Link: http://demo.deanbirkett.name/400PDV/home_2.html

2.2 Music channel landing page

The user path to this page is likely to be either from navigating from the main portal landing page (see above), clicking on search engine result/browser auto-suggest, clicking on a website/mail or via a bookmark.

For all these paths the page is intended to provide orientation to the user: Where am I? What can I do here? Which type of content is available? What has changed since I last visited? The user must find answers to these questions on the landing page.



1 europeana music

2 + search the music channel collections

3 europeana music collections

4 recent additions

5 Erköning
5 audio recordings

Mahler 5
12 video recordings

Beethoven's handwriting
6 scores

Haitink in Berlin
8 letters

Papageno costumes
42 images

baroque wedding music
23 audio recordings

6 music exhibitions

Weddings in Eastern Europe

Explore the World of Musical Instruments

Yiddish Theatre in London

7 channel curators

Deutsche national bibliothek
Netherlands institute for sound and vision
Cité de la musique

8 our sites EN

The main components of the landing page are:

1. **Channel name and description**, each channel will have a unique name and a brief description. This is for the purpose of branding/differentiation *vis-à-vis* the main portal and for search engine optimisation (SEO).
2. **Search box**, the main focus of the channel as befits a search service.
3. **Hero image**, visualises the content of the channel.
4. **Collections overview**, gives the user context and overview, especially featuring recently added collections. The overview is automatically created by querying the content of the channel.
5. **Featured browse entry points**, gives a user the option to begin by browsing rather than searching. This is often preferred over search by Culture Snacker type users.
6. **Featured exhibitions**, gives a user looking for context and learning opportunities direct entry points to the type of content that provides it.
7. **Channel curator(s)**⁷, gives attribution and reinforces the authoritative nature of Europeana as a trusted source of authentic heritage content.
8. **Social media presences**, provides shortcuts to common social platforms where the channel is represented.

When the channel is first configured, the channel curator/sponsor can also select which non-Europeana platform presences to feature, in this wireframe **SoundCloud** and **Spotify**, and choose a signal colour among a palette of branding colours (here exemplified by orange).

Under the channel curators/sponsors editorial control are: hero image, featured browse entry points, and featured exhibitions. These can be edited by the channel curators/sponsors to keep the landing page fresh. Channel curators/sponsors would also be likely to be producers and curators of exhibitions relevant to the channel theme.

The channel landing page would have its own web address⁸ allowing users to bookmark and return to it rather than start from the regular portal landing page (from which an overview of channels would be available).

Link: http://demo.deanbirkett.name/400PDV/europeana_music_landing_page.html

2.2.1 Autocompletions and best bets

To more quickly guide users towards more precise search results the portal/channels will feature autocompletions and best bets.

Autocompletions are provided to the user based on their input. If the user starts typing in *baro* they may get the completion suggestions *baron*, *barometer*, *baroque* and so on.

⁷ We may rename this into Channel Sponsors as curation has a very specific meaning in the context of libraries, museums and archives.

⁸ For example: www.europeana.eu/portal/channel/music



Completions are automatically created based on the Europeana search index with a special focus on named entities (persons, places, subjects, and periods).


Best bets⁹ are more specific and lead a user to a specific object or page. As such they are manually created and thus limited in numbers. For object pages they work best for unique works where Europeana has one clearly “canonical” record like e.g. the painting “The Milkmaid” by Vermeer. Note that this will not be as common for musical works as for unique works like paintings. As an example it is much more difficult to define a specific performance of Mozart’s Requiem as being the canonical one compared to the fact that the milkmaid hanging in the Rijksmuseum is *The Milkmaid*.



⁹ Also often referred to as promoted pages, sponsored pages or editorial boosting.

2.3 Search results page

The result of searches will be represented with facets on the left, sort and display options¹⁰ above the results and pagination beneath.


our sites **EN**

+ add keyword
🔍

score & sheet music X










filter your results

- ▼ europeana channels
 - music (1895)
- ▶ object
- ▶ media type
- ▼ form
 - audio recordings (2234)
 - images & photographs (2147)
 - score & sheet music (2118)
 - video recordings (14)
- ▶ time period
- ▶ can i use it?
- ▶ country of origin
- ▶ provider
- ▶ description language

search all languages
results in [original language](#) ▼

results 1-24 of 2118

order by [relevance](#) ▼ ☰ ☰

 <p>Air from French Suite... (1722) Bach, Johann Sebastian score & sheet music</p>	 <p>Toccata and Fugue in... (1717) Bach, Johann Sebastian score & sheet music</p>	 <p>Six Suites for Solo Cello (1717) Bach, Johann Sebastian score & sheet music</p>
 <p>Polonaise and Trio N... (1717) Bach, Johann Sebastian score & sheet music</p>	 <p>Gigue (1720) Bach, Johann Sebastian score & sheet music</p>	 <p>Gavotte & Musette (1715) Bach, Johann Sebastian score & sheet music</p>
 <p>Three Chorales (1733) Bach, Johann Sebastian score & sheet music</p>	 <p>Lord, Your Eyes Look F... (1726) Bach, Johann Sebastian score & sheet music</p>	 <p>Three Overtures (1722) Bach, Johann Sebastian score & sheet music</p>

1 2 3 4 5 6 7 >

about europeana

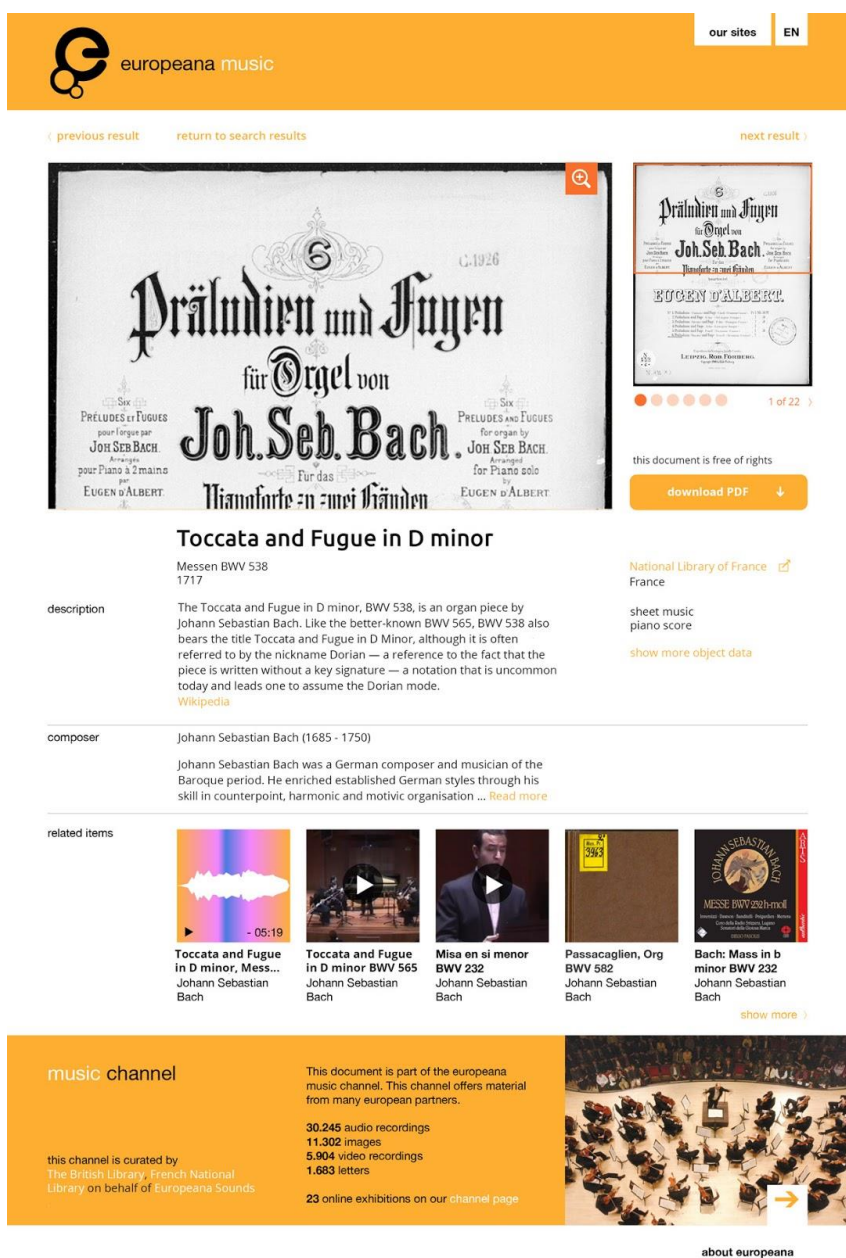
¹⁰ We foresee list and grid as display options and relevancy, title, data of creation and date of publication/last update as sort options.

In the above example the user has searched for scores, filtered on sheet music and other texts relevant to J.S Bach and chosen to display the results sorted by relevancy and in the style of a grid.

Link: http://demo.deanbirkett.name/400PDV/copy_of_bach_results_-_music_channel.html

2.4 Multi-page document item view

When Europeana Sounds partners provide direct links to PDFs, representing for example sheet music, these will be fully rendered within the channel. This will allow the user to paginate through the document, open it in full screen, and download it for use in compliance with the provided copyright value.



our sites EN

previous result return to search results next result

Präludien und Fugen
für Orgel von
Joh. Seb. Bach.
Mannforte zu zwei Händen

download PDF

Toccata and Fugue in D minor
Messen BWV 538
1717

description
The Toccata and Fugue in D minor, BWV 538, is an organ piece by Johann Sebastian Bach. Like the better-known BWV 565, BWV 538 also bears the title Toccata and Fugue in D Minor, although it is often referred to by the nickname Dorian — a reference to the fact that the piece is written without a key signature — a notation that is uncommon today and leads one to assume the Dorian mode.
[Wikipedia](#)

composer
Johann Sebastian Bach (1685 - 1750)
Johann Sebastian Bach was a German composer and musician of the Baroque period. He enriched established German styles through his skill in counterpoint, harmonic and motivic organisation ... [Read more](#)

related items

- Toccata and Fugue in D minor, Mess...
Johann Sebastian Bach
- Toccata and Fugue in D minor BWV 565
Johann Sebastian Bach
- Misa en si menor BWV 232
Johann Sebastian Bach
- Passacaglien, Org BWV 582
Johann Sebastian Bach
- Bach: Mass in b minor BWV 232
Johann Sebastian Bach

show more

music channel

This document is part of the europeana music channel. This channel offers material from many european partners.

30.245 audio recordings
11.302 images
5.904 video recordings
1.683 letters
23 online exhibitions on our channel page

this channel is curated by
The British Library, French National Library on behalf of Europeana Sounds

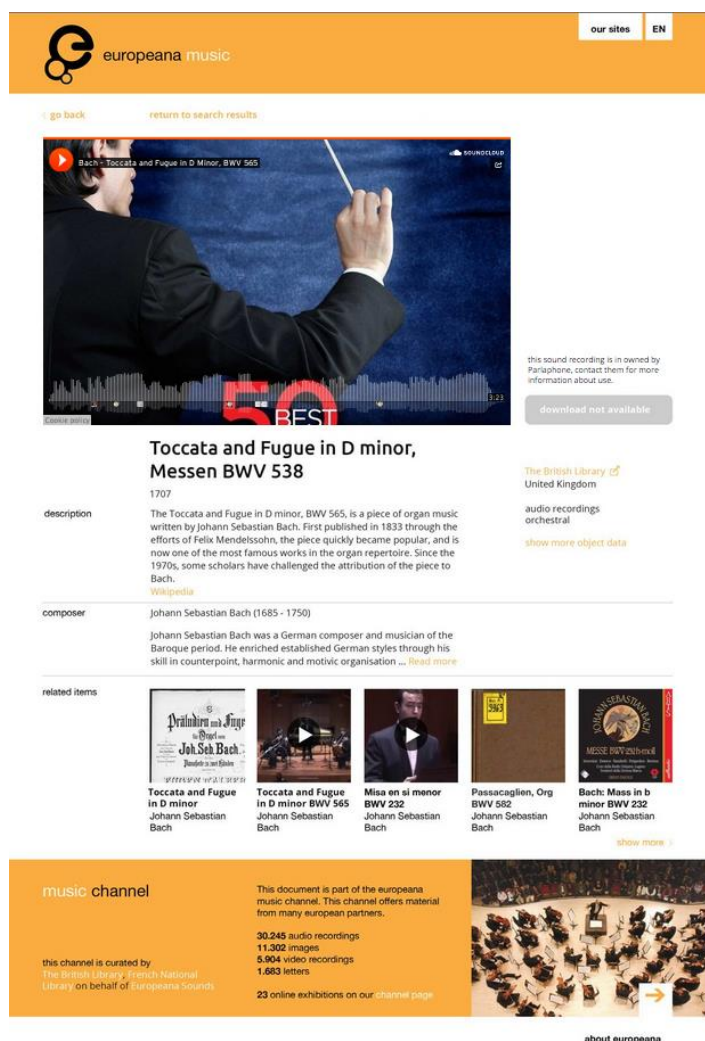
about europeana

For objects representing famous works but with poor original descriptions we aim to complement the display with descriptions sourced from Wikipedia¹¹.

Link: http://demo.deanbirkett.name/400PDV/music_item.html

2.5 Item view with embedded SoundCloud player

For Europeana Sounds partners who use SoundCloud we will be able to embed its player in the channel. This will allow users to play the audio on any device¹² without the need for Europeana to store audio files.



The screenshot shows the Europeana Music interface. At the top, there's a navigation bar with the Europeana Music logo and 'our sites EN'. Below that, there are links for 'go back' and 'return to search results'. The main content area features a SoundCloud player for 'Bach - Tocatta and Fugue in D Minor, BWV 565'. The player includes a play button, a progress bar, and a volume icon. Below the player, the title 'Tocatta and Fugue in D minor, Messen BWV 538' is displayed, along with the year '1707'. A description follows, stating that the piece was written by Johann Sebastian Bach and first published in 1833. The composer information identifies Johann Sebastian Bach (1685 - 1750). A 'related items' section shows five thumbnails for other musical works: 'Tocatta and Fugue in D minor', 'Tocatta and Fugue in D minor BWV 565', 'Misa en si menor BWV 232', 'Passacaglien, Org BWV 582', and 'Bach: Mass in b minor BWV 232'. At the bottom, there's a 'music channel' section with statistics: 30,245 audio recordings, 11,302 images, 5,904 video recordings, and 1,683 letters. It also mentions 23 online exhibitions on the channel page.


Link: http://demo.deanbirkett.name/400PDV/music_item_audio.html

¹¹ This would allow us, in many cases, to also pull in the Wikipedia description in the language matching that of the user.

¹² The SoundCloud player works on smartphones, tablets and PCs.

2.6 Item view with no thumbnail and no direct media link

Most items in Europeana don't have a direct link available to a media file or an embeddable media player. For the user to actually view/play/read the object they will need to click-through to the provider's site to access to do so.


our sites **EN**

[go back](#) [return to search results](#)

Toccatà and Fugue in D minor, Messen BWV 538

1707


description The Toccata and Fugue in D minor, is a piece of organ music written by Johann Sebastian Bach. First published in 1833 through the efforts of Felix Mendelssohn, the piece quickly became popular, and is now one of the most famous works in the organ repertoire. Since the 1970s, some scholars have challenged the attribution of the piece to Bach.

[Read more on Wikipedia](#)


composer Johann Sebastian Bach (1685 - 1750)

Johann Sebastian Bach was a German composer and musician of the Baroque period. He enriched established German styles through his skill in counterpoint, harmonic and motivic organisation ... [Read more](#)


related items



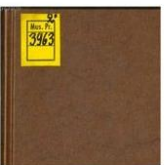
Toccatà and Fugue in D minor
Johann Sebastian Bach




Toccatà and Fugue in D minor BWV 565
Johann Sebastian Bach



Misa en si menor BWV 232
Johann Sebastian Bach



Passacaglien, Org BWV 582
Johann Sebastian Bach



Bach: Misa in b minor BWV 232
Johann Sebastian Bach

[show more](#)


music channel

this channel is curated by
The British Library, French National Library on behalf of Europeana Sounds

This document is part of the europeana music channel. This channel offers material from many european partners.

30.245 audio recordings
11.302 images
5.904 video recordings
1.683 letters

23 online exhibitions on our channel page



[about europeana](#)

This sound recording is in owned by The British Library, contact them for more information about use.

download not available

View this object at
[The British Library](#)
United Kingdom



audio recordings
orchestral


[show more object data](#)

results or filter them out entirely. The standards for inclusion in and being featured in a Channel will be higher than for inclusion in the basic Portal (see also 1.1.3 Design Principles).

Link: http://demo.deanbirkett.name/400PDV/music_item_audio_no_link.html

2.7 Partner / Data provider page

For each data providing partner to Europeana we envision to have one unique page on the portal/channels for them. This will of course take time to develop (as we have hundreds of them) but will begin in the context of Channels and Europeana Sounds and so begin with Europeana Sounds partners.


our sites EN

[go back](#)

Irish Traditional Music Archive

Provider


description

The Irish Traditional Music Archive – Taisce Cheol Dúchais Éireann is a national public archive, information centre, and resource centre intended to be of use to everyone with an interest in the contemporary art forms of Irish traditional song, instrumental music, and dance, and in their history. The Archive's area of interest covers the performance traditions of the island of Ireland and the Irish diaspora – Irish-Britain, Irish-America, Irish-Australia, etc. – and those of all other performers of Irish traditional music throughout the world. In its attitude to the Irish and connected traditions, the Archive defines 'traditional music' in a broad and inclusive way.

It holds and preserves the largest multimedia collection in existence of the materials of Irish traditional music. In addition to thousands of sound recordings, it hosts books and serials, photographs, sheet music, DVDs, posters, catalogues and more. It also holds the largest body in existence of information about Irish traditional music, contemporary and historic, organised on customised computer databases, indexes and stock lists. Founded with the Breandán Breathnach Collection, the collection has been expanded through donations by radio, television, libraries and private collectors, among other means.


The Archive is housed in a historic Georgian house in central Dublin made available through the Office of Public Works. Guests travel from all over the world to access the collection.

[Read all on Wikipedia](#)




Irish Traditional Music Archive
Irish Traditional Music Archive
Ireland


selected works




Playing in the Pub:
Snapshots and St...




Christmas in
Killarney, song



Miss Honoria Galwey
in Graves' Irish Fol...



Tell shepherds, song



Billy Brocker

[show all >](#)


music channel


This provider is part of the Europeana music channel. This channel offers material from many European partners.

30,245 audio recordings
11,302 images
5,904 video recordings
1,683 letters


23 online exhibitions on our channel page

this channel is curated by
The British Library & French National
Library on behalf of Europeana Sounds





Traditional music
A taste of traditional music, song and dance from Europe.
[start online exhibition >](#)



Across Europe: Ireland
This weeks feature post is centred on Ireland. Join us on this journey from ...
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To reduce the manual effort needed to create these pages we propose to as a default base the pages on the institution's Wikipedia article (also a good way to get multiple language versions)¹³. The Wikipedia information should be combined with manually added information like e.g. the institution logo, structured information on the history of the institution (founder, foundation date), a link to the institution's website and so on (note that the wireframe currently does not include any of this). Finally, the page would display either the five first objects returned by a search for content or five manually selected objects¹⁴.

A small detail displayed on this wireframe (among the Selected Works) is that we aim to automatically create "soundwaves" for those objects where we have no thumbnail but do have a link to the audio files itself.

Link: http://demo.deanbirkett.name/400PDV/archive_page_-_music.html

2.8 Creator page

Creator pages can represent composers, performers, librettists, patrons or any other relevant person or organisation¹⁵. This example creator page for J.S Bach encompasses a short bio and previews of and shortcuts to all the content in the channel relevant to him, as defined in the metadata.

(See image on next page)

We envision that each creator entity that is present in the Europeana Sounds metadata¹⁶ will have its own page on the channel, with descriptive and multi-lingual information pulled in from Wikipedia¹⁷.

Link: http://demo.deanbirkett.name/400PDV/creator_page_-_music.html

¹³ See https://en.wikipedia.org/wiki/Irish_Traditional_Music_Archive for the article the wireframe is based on

¹⁴ Very much in the same way as best bets.

¹⁵ In a Music context that could e.g. be a symphony orchestra, a band or an opera house.

¹⁶ Represented by an entry in an authority file or other controlled vocabulary e.g. VIAF and/or Wikidata.

¹⁷ Again via Wikidata or Dbpedia.

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Johannes Sebastian Bach

 Composer
1685 - 1750

description

Johann Sebastian Bach (31 March [O.S. 21 March] 1685 – 28 July 1750) was a German composer and musician of the Baroque period. He enriched established German styles through his skill in counterpoint, harmonic and motivic organisation, and the adaptation of rhythms, forms, and textures from abroad, particularly from Italy and France. Bach's compositions include the Brandenburg Concertos, the Goldberg Variations, the Mass in B minor, two Passions, and hundreds of cantatas. His music is revered for its technical command, artistic beauty, and intellectual depth.

Bach was born in Eisenach, Saxe-Eisenach, into a great musical family. His father, Johann Ambrosius Bach, was the director of the town musicians, and all of his uncles were professional musicians. His father probably taught him to play the violin and harpsichord, and his brother, Johann Christoph Bach, taught him the clavichord and exposed him to much contemporary music. Apparently at his own initiative, Bach attended St. Michael's School in Lüneburg for two years. After graduating he held several musical posts across Germany: he served as Kapellmeister (director of music) to Leopold, Prince of Anhalt-Köthen, Cantor of the Thomasschule in Leipzig, and Royal Court Composer to Augustus III. Bach's health and vision declined in 1749, and he died on 28 July 1750. Modern historians believe that his death was caused by a combination of stroke and pneumonia.

Bach's abilities as an organist were respected throughout Europe during his lifetime, although he was not widely recognised as a great composer until a revival of interest and performances of his music in the first half of the nineteenth century. He is now generally regarded as one of the greatest composers of all time.



Johannes Sebastian Bach
National Library of France
France

Born: 31 March 1685,
Eisenach, Germany
Died: 28 July 1750,
Leipzig, Germany
Period: Baroque
Influenced by: Georg Böhm
Influenced: Richard Wagner,
Anton Bruckner

related items



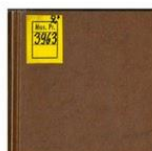
**Toccata and Fugue
in D minor, Mess...**
Johann Sebastian
Bach



**Toccata and Fugue
in D minor BWV 565**
Johann Sebastian
Bach



**Misa en si menor
BWV 232**
Johann Sebastian
Bach



**Passacaglien, Org
BWV 582**
Johann Sebastian
Bach



**Bach: Mass in b
minor BWV 232**
Johann Sebastian
Bach

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2.9 Concept page

Concept pages represent subjects, types, genres, and categories. We envision that each such concept present in the Europeana Sounds metadata¹⁸ will have its own page on the channel.


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Opera

Genre


description

Opera is an art form in which singers and musicians perform a dramatic work combining text (called a libretto) and musical score, usually in a theatrical setting. Opera incorporates many of the elements of spoken theatre, such as acting, scenery, and costumes and sometimes includes dance. The performance is typically given in an opera house, accompanied by an orchestra or smaller musical ensemble.


Opera is part of the Western classical music tradition. It started in Italy at the end of the 16th century (with Jacopo Peri's lost *Dafne*, produced in Florence in 1598) and soon spread through the rest of Europe: Schütz in Germany, Lully in France, and Purcell in England all helped to establish their national traditions in the 17th century. In the 18th century, Italian opera continued to dominate most of Europe, except France, attracting foreign composers such as [Handel](#). Opera seria was the most prestigious form of Italian opera, until [Gluck](#) reacted against its artificiality with his "reform" operas in the 1760s. Today the most renowned figure of late 18th century opera is Mozart, who began with opera seria but is most famous for his Italian comic operas, especially [The Marriage of Figaro](#) (*Le Nozze Di Figaro*), *Don Giovanni*, and *Così fan tutte*, as well as [The Magic Flute](#) (*Die Zauberflöte*), a landmark in the German tradition.

[Read more on Wikipedia](#)


related items




George Frideric Handel




Don Giovanni KV 527



Rotterdam Theatre Playbill



Beaumarchais, "Le mariage de Figar...



W. A. Mozart: "The Magic Flute - Ove...

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This example period page, for opera as a genre, encompasses a short explanation, and previews of, and shortcuts to, five objects in the channel that represent the opera genre. This can be based either on a query or on five manually selected objects¹⁹.


Link: http://demo.deanbirkett.name/400PDV/opera_page_-_music.html

¹⁸ Represented as an entry in a controlled vocabulary e.g. the Europeana Sounds music genres.

¹⁹ Manually selected best bets (see Autocompletion and best bets above)

2.10 Period page

Period pages represent named periods of time/history. We envision that each such period entity present in the Europeana Sounds metadata²⁰ will have its own page on the channel. Note that there are many fewer named periods than there are creators or concept so this will be a less common type of page.


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Baroque

Musical style
1600 - 1750

description

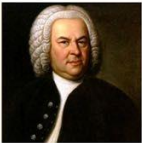
Baroque music is a style of Western art music composed from approximately 1600 to 1750. This era followed the Renaissance, and was followed in turn by the Classical era. The word "baroque" comes from the Portuguese word barroco, meaning misshapen pearl, a negative description of the ornate and heavily ornamented music of this period. Later, the name came to apply also to the architecture of the same period.

Baroque music forms a major portion of the "classical music" canon, being widely studied, performed, and listened to. Composers of the Baroque era include [Johann Sebastian Bach](#), [George Frideric Handel](#), [Alessandro Scarlatti](#), [Domenico Scarlatti](#), [Antonio Vivaldi](#), [Henry Purcell](#), [Georg Philipp Telemann](#), [Jean-Baptiste Lully](#), [Arcangelo Corelli](#), [Tomaso Albinoni](#), [François Couperin](#), [Denis Gaultier](#), [Claudio Monteverdi](#), [Heinrich Schütz](#), [Jean-Philippe Rameau](#), [Jan Dismas Zelenka](#), and [Johann Pachelbel](#).


The Baroque period saw the creation of tonality. During the period, composers and performers used more elaborate musical ornamentation, made changes in musical notation, and developed new instrumental playing techniques. Baroque music expanded the size, range, and complexity of instrumental performance, and also established opera, cantata, oratorio, concerto, and sonata as musical genres. Many musical terms and concepts from this era are still in use today.

[Wikipedia](#)


related items




Johann Sebastian Bach




George Frideric Handel



Antonio Vivaldi




Henry Purcell



Jean-Philippe Rameau

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Baroque theatre in Český Krumlov
[Wikipedia](#)

Preceded by: [Renaissance](#)
Followed by: [Classical](#)


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²⁰ Represented as an entry in a controlled vocabulary e.g. the Europeana Sounds music genres.

This example period page for Baroque music encompasses a short explanation and previews of and shortcuts to all the creator pages in the channel relevant to the period. Alternatively it could instead list five especially well-known works of Baroque music²¹.

Link: http://demo.deanbirkett.name/400PDV/baroque_page_-_music.html

²¹ Manually selected best bets (see Autocompletion and best bets above).

3 FUTURE WORK

These wireframes will go through iterations of user testing/expert review and resulting re-designs during the first development phase²² of the channel. During this phase they will also be increased in fidelity i.e. the visual design elements will be added.

In future work it will also be decided which other thematic channels Europeana Sounds provided content will feature in²³. Those channels would start design and development in early 2016 when the Music Channel is fully operational.

²² Resulting in MS22 Audio channels first production version

²³ Europeana Sounds DoW, p.84, "In Europeana Sounds the themes of the channels will be related to music and audio; the exact channels segmentation will be an outcome of the user research." [REF 4]

4 REFERENCES

Ref 1	Report User Research http://pro.europeana.eu/documents/2011409/ba55ef85-4f17-4ea2-99f8-bf06947553c5
Ref 2	Summary Report Concept Test http://pro.europeana.eu/documents/2011409/40095017-d257-4c6e-a3e6-0d239fe74063
Ref 3	Europeana Channels Design Principles http://pro.europeana.eu/documents/2011409/d76182aa-5b85-4801-8bfe-a13ec9da51b8
Ref 4	EC-GA including Annexe I (“Description of Work”) http://pro.europeana.eu/documents/2011409/8d0e9833-4608-494e-af77-681e68f8a8c8
Ref 5	MS18 <i>External distribution channels brief</i> http://pro.europeana.eu/documents/2011409/d23ff1b2-f8ea-4d25-adbf-acf2465f4dbb