

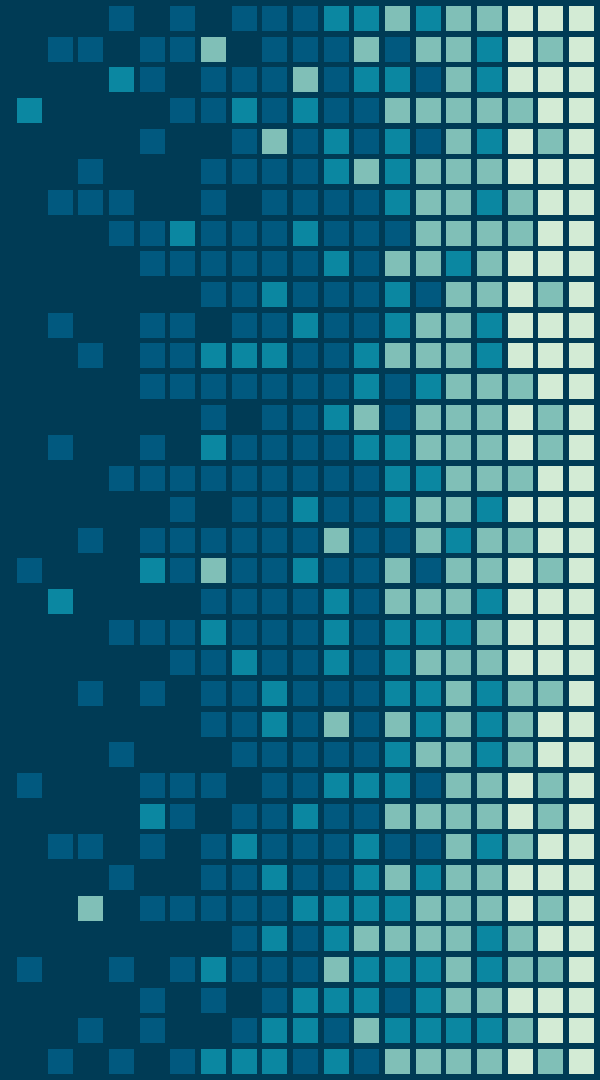
Extended reality technologies for sustainable development and administration of cultural spaces

Authors: Alex Butean, Anca Morar, Andrei Daian, Alin Moldoveanu

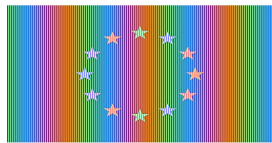
Presented by Alex Butean
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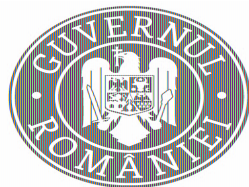
The 6th TECHNIUM International Conference 2020
Sustainable Future and Technology Development
29.08.2020



Acknowledgment



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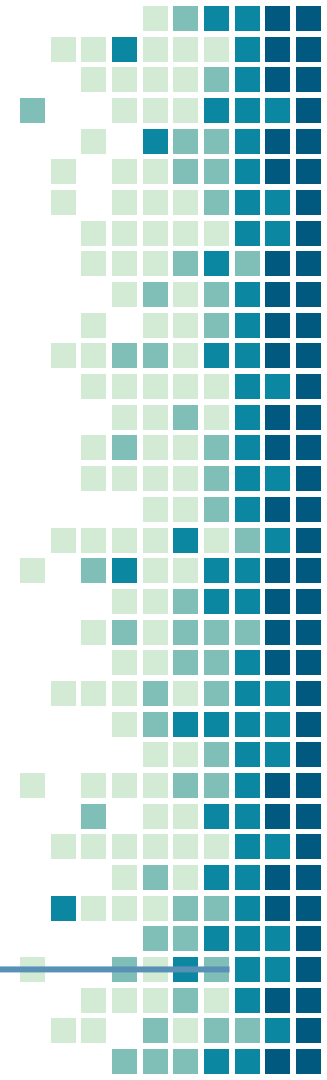
This work was supported by the grant “Ecosistem de cercetare, inovare și dezvoltare de produse și servicii TIC pentru o societate conectată la Internet of Things–**NETIO**” (MySMIS Code = 105976), subsidiary contract “Platforma imersivă de realitate virtuală și augmentată pentru spații culturale–**CultReal**”, Number 4192/18.03.2019.

Cultreal platform - Description

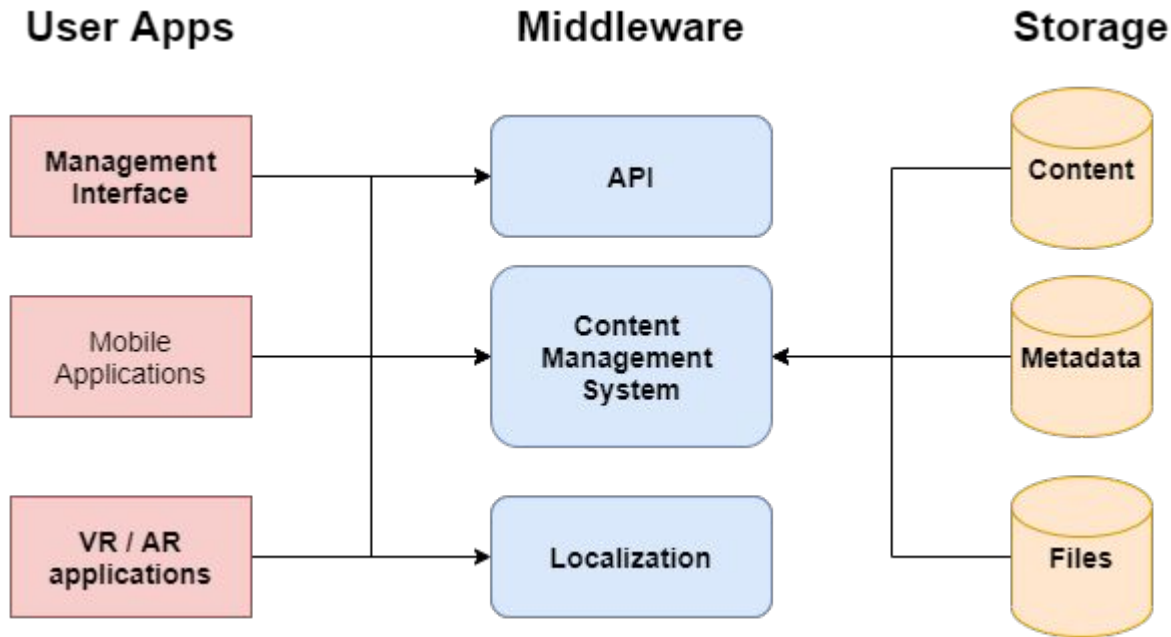
Cultreal is a multi-purpose platform meant to support the integration of **extended reality technologies** with the day-to-day activities of cultural spaces.

Cultreal modules include:

- localization technologies (for both indoor and outdoor spaces)
- object recognition
- content management system
- mobile applications
- integration capabilities with digital services and extended reality devices.



Cultreal platform - Architecture



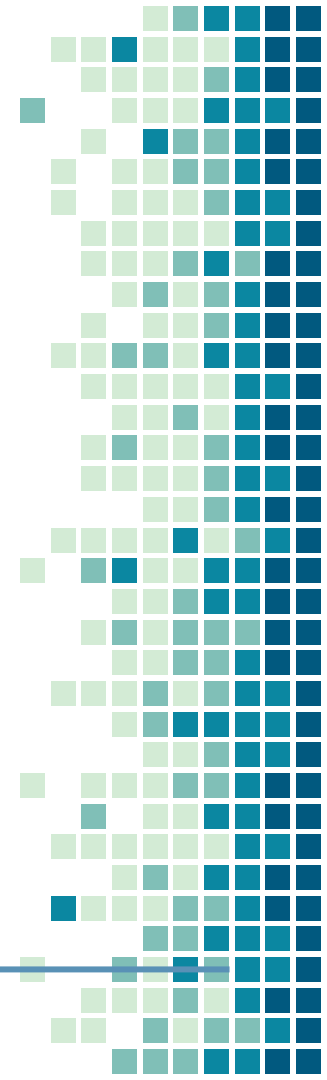
Cultreal platform - Features

Cultural space managers

- Integrated content management system for all file types
- Artefact and object management
- Analytics
- Integrate hardware-software infrastructure

Visitors

- New digital experience
- Remote virtual tours (VR)
- Augmented visits (AR)
- Compatibility with mobile devices
- Support for extended reality gadgets



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