Access to the AXMEDIS Framework

The AXMEDIS Framework is accessible to all including industries, large or small, who share the interest to exploit new technologies and solutions for automated content production and multi-channel distribution. The AXMEDIS Framework can be used to setup and build an end-to-end production, protection and distribution platform or to revenues and prices according to your needs.

AXMEDIS Framework is Open:
- AXMEDIS focuses on interoperability and openness of content model and interoperability of DRM models, including multi-channel distribution;
- AXMEDIS publication is public and accessible from AXMEDIS portal. Its use is royalty free;
- AXMEDIS is based on the AXMEDIS Affiliation programme. The affiliation fee is affordable for all. Alternatively affiliation can also be achieved via open source code of the AXMEDIS Framework is accessible;
- AXMEDIS is built on top of its content model and interoperability of DRM models, and tools that can be used for content processing and modeling, and can be integrated into the framework;
- AXMEDIS is a resource for research institutions and companies that may be useful to improve and extend the AXMEDIS Framework;
- AXMEDIS is a forum for the standardization of tools and the source code for delivering new plug-ins are public and accessible without the need to be affiliated. Any tool can be integrated into the AXMEDIS Content Processing DSS with the technology;
- AXMEDIS partners are open to your needs that may be useful to improve the capabilities of the AXMEDIS framework.

To take advantage of the AXMEDIS framework and technologies, you are invited to apply for the AXMEDIS Affiliation.

AXMEDIS Affiliation

With the AXMEDIS Affiliation, industrial participants can:
- access the AXMEDIS Framework with which can be used to set up and enhance production, protection and distribution facilities/platforms in a simple and efficient manner;
- adopt standards models (e.g. MPEG-21) for content and licenses modeling and hence adding DRM in your content business;
- establish contacts with other business partners interested in exploring similar technology;
- obtain greater control on the content usage;
- create customized AXMEDIS players for PC, PDA, etc.;
- exploit and innovative business models that can be embedded on a distribution channel with management of rights and obtain reports on exploited rights of the multimedia content distributed.

With the AXMEDIS Affiliation, researchers can:
- access the AXMEDIS Framework to build different solutions and applications over the needs of the value chain actors and test with low cost;
- contribute with tools and methods that can be used for content processing and modeling, and can be integrated into the framework;
- add new content models and new DRM models, make them interoperable with MPEG-21 and others already in place on the AXMEDIS Framework;
- test algorithms and tools with respect to the state of the art solutions, with ease;
- collaborate with other relevant research institutions and companies within the sector.

For more information, developments, announcements and events, please visit the AXMEDIS web portal at http://www.axmedis.org.

If you have any queries or comments, please email axmedisinfo@axmedis.org.
AXMEDIS Framework

AXMEDIS is an open solution which builds upon open source technologies, designed for the seamless management of protected content for government, leisure, education, entertainment, infotainment as well as applications, from personal to global scale usages including to software components such as games, for all kinds of intellectual property rights, supporting a large variety of DRM rules and models according to concepts of components and their secure distribution in respect of

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Content Composition

创作 of content components or objects by a combination of raw assets such as text, images, audio, video, animation, metadata, descriptors, licenses, and other multimedia objects such as MPEG-4, HTML, SCORM, CMA macrodata tool files, games, etc.

创作 of content as linear or hierarchical combination of content components.

Content Processing

AXMEDIS Frame and AXMEDIS Content Processing (AXCPP) based on GRID technologies offer automated features such as integration of metadata, applying convenient scripting interface to enable automation and manual editing; from content authoring systems (CMS such as Oracle, XML databases, Terrier, MySQL, MSSQL, HP SPDP, OBIC, etc.) for systems, and processing by resources processing and coupling them with metadata editing, applying Protection Information model to content objects, segmenting digital rights, sharing objects, applying encryption, scrambling, compression, and many other algorithms.

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