AXMEDIS
Automated Production of Cross Media Content for Multichannel Distribution

AXMEDIS PC PLAYER USER MANUAL
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- You can become affiliated with AXMEDIS. This will give you the access to a huge amount of knowledge, information and source code related to the AXMEDIS Framework. If you are interested please contact P. Nesi at nesi@dsi.unifi.it. Once affiliated with AXMEDIS you will have the possibility of using the AXMEDIS specification and technology for your business.
- You can contribute to the improvement of AXMEDIS documents and specification by sending the contribution to P. Nesi at nesi@dsi.unifi.it. You can attend AXMEDIS meetings that are open to public, for additional information see WWW.AXMEDIS.org or contact P. Nesi at nesi@dsi.unifi.it

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INTRODUCTION

Dear AXMEDIS user,
Welcome to AXMEDIS PC Player User Manual, the official training workbook for the program that has as main aim to play rich and interactive content.

With this guide, the AXMEDIS team is hoping to help users to play easily AMEDIS objects to show how simple and powerful this tool is.
AXMEDIS is a very complex and complete world and it is very difficult to cover all the aspects in only one manual.
Remember to not hesitate to contact the AXMEDIS team if you need additional information or to point out mistakes in this manual. Also don’t hesitate to visit the AXMEDIs portal where you can find many other information regarding the AXMEDIS technology, with many real examples and objects.

OVERVIEW

This document aim is to describe the User Manuals of AXMEDIS PC Player.
The AXMEDIS Player allows to:

- view the resources present inside the object
- view the metadata of the object
- view the SMIL presentation built
- view the AXMEDIS structure

RELATIONSHIP WITH OTHER TOOLS

None

DETAILED DESCRIPTION OF THE FUNCTIONALITIES AND SCREENSHOTS

When the player is started an AXMEDIS object may be loaded using the File/Open… menu or using the button on the toolbar.

![AXMEDIS Player Screen Shot](image)

When the file is opened the first resource inside is opened:

The content of the AXMEDIS object may be browsed using the arrows in the toolbar or using the hierarchy view (opened using the button in toolbar)
The metadata of the object may be view double clicking on the Dublin Core element in the hierarchy view:
REFERENCES AND LINKS

AXMEDIS TUTORIALS

- General Tutorial and Overview (November 2007, Barcelona, Spain)
  - Video on [part 1](http://www.axmedis.org/documenti/view_documenti.php?doc_id=3716)
  - Video on [part 2](http://www.axmedis.org/documenti/view_documenti.php?doc_id=3748)
  - Video on [part 3](http://www.axmedis.org/documenti/view_documenti.php?doc_id=3840)
  - Video on [part 4](http://www.axmedis.org/documenti/view_documenti.php?doc_id=3841)
  - Video on [part 5](http://www.axmedis.org/documenti/view_documenti.php?doc_id=3869)
  - Video on [part 6](http://www.axmedis.org/documenti/view_documenti.php?doc_id=3717)

- Content Production Tutorial (AXMEDIS 2007 Conference)

- Content Distribution Tutorial (AXMEDIS 2006 Conference)

- Content Processing Tutorial (AXMEDIS 2006 Conference)

- Workflow Tutorial (AXMEDIS 2006 Conference)

- AXMEDIS general overview and content production tutorial, March 2008

AXMEDIS TOOLS FOR FREE DOWNLOAD


- AXMEDIS content production tools include:
  
  Free Download of AXMEDIS Content Production Tools (editor and GRID AXCP tools, PnP, DRM editor, etc.), all what you need to create AXMEDIS objects and process any kind of content automatically: SMIL, HTML, MPEG-21, content adaption, fingerprint, crawling, indexing, cms, search, retrieval, control of P2P, etc. and much more. See documentation included

- AXMEDIS players for PC:
  
  AXMEDIS PC player version 1.2 January 2008. Free download, AXMEDIS player, MPEG-21 player, cross media player, SMIL, HTML, MPEG-4, etc

- AXMEDIS multiskin player for PC:
  
  AXMEDIS MultiSkin PC player version 1.2 January 2008. Free download, AXMEDIS player, MPEG-21 player, cross media player, SMIL, HTML, MPEG-4, with different skins available.

- AXMEDIS Active X Player for PC for Web Pages, AXMEDIS.Net Player, MPEG-21 player, SMIL, HTML, MPEG-4, cross media, more than 200 file formats:

- AXMEDIS player plus EUTELSAT OPENSKY client integrated

- AXEPTtools: P2P client tool for establishing connection with the AXMEDIS P2P B2B network as Business User:

- AXMEDIA: P2P client tool for establishing connection with the AXMEDIS P2P B2B network as final users:

- AXMEDIS PDA player for Windows Mobiles 5 and 6:
  
  It is capable to play AXMEDIS objects based on SMIL, HTML, video, audio, MPEG-4 files, etc. AXMEDIS PDA player for AXMEDIS MPEG-21 content including resources with presentations layer based on MPEG-4, HTML and SMIL
  
  Unzip the file, copy the CAB file and execute it on the PDA

- Collection of Objects for AXMEDIS player for PDA (Jan 2008):
AXMEDIS TECHNICAL NOTES

- AXMEDIS Content Model and Tools, Authoring Tools, Players for MPEG-21, PC, PDA, Mobile, STB, PVR, HDR, etc. (in English)
- AXMEDIS Content Model and Tools, Authoring Tools, Players for MPEG-21, PC, PDA, Mobile, STB, PVR, HDR, etc. (in Italian)
- AXMEDIS Content Processing GRID all features listed (in English)
- AXMEDIS Content Processing GRID Tutte le caratteristiche descritte (in Italian)
- AXMEDIS P2P Controlled network all features listed with cases (in English)
- AXMEDIS P2P Controlled network tutte le caratteristiche, con alcune casistiche (in Italian)
- AXMEDIS DRM, MPEG-21 DRM, Interoperable DRM (in English)
- AXMEDIS DRM, MPEG-21 DRM, DRM interoperabile (in Italian)
- Technical note on how to integrate the AXMEDIS DRM into an e-commerce portal and content distribution solution for content on demand and subscription
- Come integrare AXMEDIS DRM in un portale per la distribuzione di contenuti digitali (in Italian)
- AXMEDIS Show Case, AXMEDIS Mpeg-21 Content distribution via satellite data broadcast, EUTELSAT OPENSKY
- Technical note on the ELION AXMEDIS content on demand trial and solution, how to exploit AXMEDIS framework to create an cross media content distribution with DRM and automated production, and connection with P2P
- Technical note on the TEO IPTV AXMEDIS trial and solution, how to exploit AXMEDIS framework to create an IPTV with DRM and automated production, and connection with P2P.

AXMEDIS SOLUTIONS

- Content Management Automation, AXCP: http://www.axmedis.org/com/index.php?option=com_content&task=view&id=94&Itemid=33
- AXMEDIS controlled P2P: http://www.axmedis.org/com/index.php?option=com_content&task=view&id=97&Itemid=34
- FAQs: http://www.axmedis.org/com/index.php?option=com_content&task=blogcategory&id=7&Itemid=73

AXMEDIS SHOWCASES

- Content Distribution to Licensed Domains via DVB-T and P2P (BBC)
- Protected Video on Demand Distribution via P2P toward PC (Tiscali)
- Protected Video on Demand (VOD) Distribution to PC (ELION)
- Content Distribution via Satellite Data Broadcast (DVB-S) to PC and STB (EUTELSAT)
- Content Distribution to Kiosks (ILABS)
- Video on Demand (VOD) Distribution to Set Top Box (TEO)
- Content Posting Tool, for Final User content production/publication/DRM (SIAE)
- Variazioni: Enrichment of Cultural Content
- AXMEDIS Content and Tools: Automatic Production
- AXMEDIS Controlled P2P Network

AXMEDIS FRAMEWORK SPECIFICATION

AXMEDIS Editor User Manual

- AXMEDIS Editor and Viewers: http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2213

AXMEDIS reports on basic enabling technologies

- Content processing, Composition and Formatting http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2374
AXMEDIS Editor User Manual


Basic knowledge reports

Content Modeling and Test Cases

AXMEDIS FRAMEWORK DEMONSTRATORS, CASES, TRIALS, FOR DISTRIBUTION ETC.
- requirements and use cases of AXMEDIS ELTEO of the content distribution for DVB-T to STB of Telecom Lithuania, and content distribution of Telecom Estonia [http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2978]
- requirements and use cases of the 4HOME take up, demonstrators of BBC, TI, SDAE, including domains, AXMEDIS for broadcasting, and OMA integration and distribution [http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2976]
- Content Posting Portal, Content Posting for Final User publication, SIAE Trial presentation:
- [VARIAZIONI project portal](http://www.variazioniproject.org/)

**BROCHURES AND PRESS CUTTING (A PART)**


**OTHER REFERENCES**

- Open Mobile Alliance (OMA), [http://www.openmobilealliance.com/](http://www.openmobilealliance.com/)