

*Welcome to the*



**IMUG**

International MediaBank User Group

**WAE**  
corporation

# MediaBank 2.7 – 2.8

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- **Support**
  - 681 Total Calls
    - Q3 2000 - 217
    - Q4 2000 - 149
    - Q1 2001 - 117
    - Q2 2001 - 92
    - Q3 2001 - 48
    - Q4 2001 - 45
    - Q1 2202 – 13 to date
- **Deliveries**
  - MB 2.7 – 9/2000
  - MB 2.7 Patches/Point Releases – 8
  - MB 2.8 – 10/2001
  - MB 2.8 Patches/Point Releases – 2
  - MB 2.9 – Scheduled delivery - 4/2002
- **Feature Requests**
  - 72 Requests - ~40 implemented

# MediaBank 2.9

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- End of Q1 2002 delivery date
- Optimized islogger
- 2<sup>nd</sup> Generation API initiation
- Security enhancements
- User requested features
- QProof
- Performance enhancements
- Much more....

# Optimized islogger

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- NT/ W2000 initially
- Kernel notification policy (w/ 3 triggers)
  - Notifies islogger immediately of file(s)
- Time savings of 50% and higher
- Significantly reduces CPU load on server
  - islogger.exe reduced to 5% CPU
- Eliminates islogger I/O load on server
  - File systems no longer “scanned” and “pegged”
- Admin selectable (OPTIMIZEIS: YES)
  - Choose to run in optimize or regular mode

# islogger.cfg – format change

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- islogger.cfg and syscats subfolder
  - islogger.cfg contains a line for every cataloger only
  - syscats subfolder contains a single file for each cataloger
    - Same BEGIN/ END format
  - New APIs to facilitate (see New APIs below)
- Simple approach
  - Compatible with InterSep and OMan
  - Eliminates cataloger corruption during admin

# 2<sup>nd</sup> Generation APIs

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- Provides a thorough communication structure
  - It is the ground work for XML
  - Contains specific, defined blocks
    - Begin/End
    - Status and Security
    - Data and File\_Data
    - Future blocks – Annotation, Message, Audio, Video, etc...
- Allows specific information to be transferred
  - It is the ground work for MB Message Server
- Allows localization of messages
  - Returns a result code
  - Returns a default message
- Triggered by “\_2” at end of API command
- Legacy issues considered and taken into account

# 2<sup>nd</sup> Generation APIs - Continued

USERADD_2	ACTIVEUSERS_2 *	ALLUSERS_2 *	ALLGROUPS_2 *
USERMODIFY_2	MESSAGE_2 **	GETQUEUEINFORMATION_2 *	GETALLQUEUESINFORMATION_2 *
USERLOGIN_2	MODIFYTC_2 *	GETQUEUEENAMELIT_2 *	CREATEQUEUE_2 *
USERLOGOUT_2	MODIFYRECS_2	REMOVEQUEUE_2 *	MODIFYQUEUE_2 *
DBASEQUERY_2	JOBTREEQUERY_2	GETSYSDBINFO_2 *	
RESOLVEPATH_2 *	GETMODTIME_2		* New functionality ** MB 3.0 (130 total)

# Chatter

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- Remote interaction with MB
  - Supports MB security (ipaccess.cfg)
- Enables complete customization
- Supports 2<sup>nd</sup> Generation APIs
- Ported to more platforms...
  - Sun/ Solaris
  - SGI/ IRIX
  - Intel NT/ W2000
  - Intel Linux
  - Mac OS X – Command Line
  - Mac OS8, OS9, OSX – GUI (Apple scriptable)

# QProof

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- Integrated into MediaBank to deliver HiRes data to remote users for Viewing, Proofing, and Communication.
- Pixel Zooming, Panning, and Magnification
- Implementations
  - Runs on all MediaBank supported Platforms
  - HTML or Java Applet driven
  - Requires an JAVA Application Server
    - Tomcat, WebLogic, or JRun
- Annotation and Markup (MB 3.0)
  - Text, Icon anchors
  - Free draws anchhors
  - BLOBs – Picture, Audio, Video, etc
  - Annotation ownership and level assignment

# MB Web – Perl version

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- Updated look
- Revised and open templates
- Easier to customize
- New graphics
- Source code delivered

# Security Enhancements

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- Password Expiration after N days
- Minimum Password Length (6 chars + 1 numeric)
- Separate Web and Native client access control
  - Web login disable
  - Native client login disable
- Account lockout after 3 failed attempts
  - Configurable with MAXLOGINATTEMPTS:
- Force Password change on initial login
- Force Unique password based on previous one
- Deny simultaneous logins from same login account
  - Configurable with MULTILOGIN: NO

# MediaBank New Features

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- Colorized Job Jackets
- Search by Element Archive Status
- Duplicate Element notification
- Modify Element Type and/or Creator
- Job Jacket Properties Report
- Select alternative archive spool folder (w/ Legato)
- Quark Xtensions for Mac Client
  - Quark 5.0 compatible
  - Improved Quark Thumbnail quality

# New Features - Continued

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- Non-Native Mac OSX Client
- Increased Client and Server performance
- MPEG Plugin – multi-page thumbnail
  - Single First Frame [Default] (MPEGMULTI: NO)
  - Specified single Frame (MPEGRAME: 10)
  - Every nth Frame, starting a first frame (MPEGDELTA: 30)
  - Range of Frames (MPEGRANGE: 5-30)
  - Every nth Frame within a Range of Frame
- NT/ W2000 Service and Registry change
  - New Stop and Start Services
  - New Registry location (WAVE Corp)
- Key Change in MB 2.9
  - No Dongle on NT

# New Features - Continued

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- User Selectable Sampling
  - Bicubic (Filter: BICUBIC)
    - 4x4 cubic spline (16 samples)
  - Bilinear (Filter: BILINEAR)
    - 2x2 weighted (4 samples)
  - Nearest Neighbor [Default] (sample every nth step)
  - Auto (Filter: AUTO) Bilinear < 3.0 > Bicubic

# Summary of intersep.cfg Options

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- MPEGFRAME: 5 # single page MPEG thumb only – use frame 5
- MPEGMULTI: NO # single page MPEG thumb only [YES - frame 0]
- MPEGTHUMBS: NO # do not generate MPEG thumbs [YES]
- MPEGDELTA: 30 # generate thumb every 30<sup>th</sup> frame [1]
- MPEGRANGE: 5-100 # only generate thumbs for frames 5-100 [ALL]
- MAXLOGINATTEMPTS: 5 # disable login after 5 failed attempts [3] [0 – overrides]
- THUMBDIM: 500 # generate 500x500 pixel thumbs [150x150]
- THUMBQUAL: 80 # use jpeg quality 80 for thumbs [75]
- SAMPLERATE: 1.8 # specifies step rate when sampling
- Filter: BICUBIC | BILINEAR | AUTO # sample method [Nearest Neighbor]
- CLIPPINGPATH: NO # do not generate clip path for thumbs [YES]
- QUARKTHUMBS: NO # do not generate Quark thumbs [YES]
- QUARKMULTI: NO # single page Quark thumbs only [YES - all pages]
- PSTHUMBS: NO # do not generate Postscript thumbs [YES]
- PSMULTI: NO # single page Postscript thumbs only [YES – all pages]
- PDFTHUMBS: NO # do not generate PDF thumbs [YES]
- PDFMULTI: NO # single page PDF thumbs only [YES – all pages]
- OPTIMIZEIS: YES # run islogger in optimize mode [NO]