

Introduction

Here are the types and full names of the different metadata tags that are requested by the client and sent back by the server.

They can be distinguished in 4 categories:

- dmap codes (that start with the letter 'm')
- daap codes (that start with the letter 'a')
- iTunes specific codes (that start with the letters 'ae' may stand for extended)
- iTunes jukebox specific codes (that start with the letters 'ce')

For the remainder of the tag name, it's most of the time an abbreviation of the full name.

For the full name, the rule is that each metadata is prefixed by its namespace (dmap or daap) followed by the full name.

The type number is a reference to the types listed at the bottom of this page

Details

dmap codes

tag name	full name	type
miid	dmap.itemid	5
minm	dmap.itemname	9
mikd	dmap.itemkind	7
mper	dmap.persistentid	9
mcon	dmap.container	12
mcti	dmap.containeritemid	5
mpco	dmap.parentcontainerid	5
mstt	dmap.status	5
msts	dmap.statusstring	9
mimc	dmap.itemcount	5
mctc	dmap.containercount	5
mrco	dmap.returnedcount	5
mtco	dmap.specifiedtotalcount	5
f?ch	dmap.haschildcontainers	1
mlcl	dmap.listing	12
mlit	dmap.listingitem	12
mbcl	dmap.bag	12
mdcl	dmap.dictionary	12
msrv	dmap.serverinforesponse	12
msau	dmap.authenticationmethod	1
msas	dmap.authenticationschemes	5
mslr	dmap.loginrequired	1
mpro	dmap.protocolversion	11
msal	dmap.supportsautologout	1
msup	dmap.supportsupdate	1
mspi	dmap.supportspersistentids	1
msex	dmap.supportsextensions	1
msbr	dmap.supportsbrowse	1
msqy	dmap.supportsquery	1
msix	dmap.supportsindex	1

tag name	full name	type
msrs	dmap.supportsresolve	1
mstm	dmap.timeoutinterval	5
msdc	dmap.databasescount	5
mstc	dmap.utctime	10
msto	dmap.utcoffset	6
mlog	dmap.loginresponse	12
mlid	dmap.sessionid	5
mupd	dmap.updateresponse	12
musr	dmap.serverrevision	5
muty	dmap.updatetype	1
mudl	dmap.deletedid	12
msdc	dmap.databasescount	5
mccr	dmap.contentcodesresponse	12
mcnm	dmap.contentcodesnumber	5
mcna	dmap.contentcodesname	9
mcty	dmap.contentcodestype	3
meds	dmap.editcommandssupported	5

daap codes

tag name	full name	type
ated	daap.supportsextradata	3
apro	daap.protocolversion	11
avdb	daap.serverdatabases	12
abro	daap.databasebrowse	12
adbs	daap.databasesongs	12
aply	daap.databaseplaylists	12
apso	daap.playlistsongs	12
arsv	daap.resolve	12
arif	daap.resolveinfo	12
abal	daap.browsealbumlisting	12
abar	daap.browseartistlisting	12
abcp	daap.browsecomposerlisting	12
abgn	daap.browsegenrelisting	12
aePP	com.apple.itunes.is-podcast-playlist	1
asal	daap.songalbum	9
asar	daap.songartist	9
asbr	daap.songbitrate	3
ascm	daap.songcomment	9
asco	daap.songcompilation	1
ascp	daap.songcomposer	9
asda	daap.songdateadded	10
asdm	daap.songdatemodified	10
asdc	daap.songdisccount	3
asdn	daap.songdiscnumber	3
aseq	daap.songeqpreset	9
asgn	daap.songgenre	9

asdt	daap.songdescription	9
asrv	daap.songrelativevolume	2
assr	daap.songsamplerate	5
assz	daap.songsize	5
asst	daap.songstarttime	5
assp	daap.songstoptime	5
astm	daap.songtime	5
astc	daap.songtrackcount	3
astn	daap.songtracknumber	3
asur	daap.songuserrating	1
asyr	daap.songyear	3
asfm	daap.songformat	9
asdb	daap.songdisabled	1
asdk	daap.songdatakind	1
asul	daap.songdataurl	9
asbt	daap.songbeatsperminute	3
abpl	daap.baseplaylist	1
agrp	daap.songgrouping	9
ascd	daap.songcodectype	5
ascs	daap.songcodecsubtype	5
apsm	daap.playlistshufflemode	1
aprm	daap.playlistrepeatmode	1
asct	daap.songcategory	9
ascn	daap.songcontentdescription	9
aslc	daap.songlongcontentdescription	9
asky	daap.songkeywords	9
ascr	daap.songcontentrating	1
asgp	daap.songgapless	1
ased	daap.songextradata	"
asdr	daap.songdatereleased	10
asdp	daap.songdatepurchased	10
ashp	daap.songhasbeenplayed	1
assn	daap.sortname	9
assa	daap.sortartist	9
assl	daap.sortalbumartist	9
assu	daap.sortalbum	9
assc	daap.sortcomposer	9
asss	daap.sortseriesname	9
asbk	daap.bookmarkable	1
asbo	daap.songbookmark	5
aspu	daap.songpodcasturl	9
asai	daap.songalbumid	7
asls	daap.songlongsize	7
asaa	daap.songalbumartist	9

iTunes specifics

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tag name	full name	type
aeNV	com.apple.itunes.norm-volume	5
aeSP	com.apple.itunes.smart-playlist	1
aeSI	com.apple.itunes.itms-songid	5
aeAI	com.apple.itunes.itms-artistid	5
aePI	com.apple.itunes.itms-playlistid	5
aeCI	com.apple.itunes.itms-composerid	5
aeGI	com.apple.itunes.itms-genreid	5
aeSF	com.apple.itunes.itms-storefrontid	5
aePC	com.apple.itunes.is-podcast	1
aeHV	com.apple.itunes.has-video	1
aeMK	com.apple.itunes.mediakind	1
aeSN	com.apple.itunes.series-name	9
aeNN	com.apple.itunes.network-name	9
aeEN	com.apple.itunes.episode-num-str	9
aeES	com.apple.itunes.episode-sort	5
aeSU	com.apple.itunes.season-num	5
aeGH	com.apple.itunes.gapless-heur	5
aeGD	com.apple.itunes.gapless-enc-dr	5
aeGU	com.apple.itunes.gapless-dur	7
aeGR	com.apple.itunes.gapless-resy	7
aeGE	com.apple.itunes.gapless-enc-del	5
????	com.apple.itunes.req-fplay	1
aePS	com.apple.itunes.special-playlist	1
aeCR	com.apple.itunes.content-rating	9
aeSG	com.apple.itunes.saved-genius	1
aeHD	com.apple.itunes.is-hd-video	1
aeSE	com.apple.itunes.store-pers-id	7
aeDR	com.apple.itunes.drm-user-id	7
aeND	com.apple.itunes.non-drm-user-id	7
aeK1	com.apple.itunes.drm-key1-id	7
aeK2	com.apple.itunes.drm-key2-id	7
aeDV	com.apple.itunes.drm-versions	5
aeDP	com.apple.itunes.drm-platform-id	5
aeXD	com.apple.itunes.xid	9
aeMk	com.apple.itunes.extended-media-kind	5
aeAD	com.apple.itunes.adam-ids-array	12
aeSV	com.apple.itunes.music-sharing-version	5

jukebox specifics

tag name	full name	type
ceJV	com.apple.itunes.jukebox-vote	5
ceJC	com.apple.itunes.jukebox-client-vote	2
ceJS	com.apple.itunes.jukebox-score	4
ceJI	com.apple.itunes.jukebox-current	5

types

type	name	description
1	char	1-byte value, can be used as a boolean (true if the value is present, false if not)
3	short	2-byte integer
5	long	4-byte integer
7	long long	8-byte integer, tends to be represented in hex rather than numerical form
9	string	string of characters (UTF-8)
10	date	4-byte integer with seconds since 1970 (standard UNIX time format)
11	version	2-bytes major version, next byte minor version, last byte patchlevel
12	container	contains a series of other chunks, one after the other