



MusicBrainz?

- Community music metadatabase
- Goal: comprehensive music encyclopedia (stays free)
- Now: identification using community supplied and maintained data of
 - Audio CD tracks
 - Digital audio (mp3, ogg, et al)
- Est. 1998 as CD Index, 501(3)c nonprofit late 2004
- 1.2m moderations by 60k users



How MusicBrainz Works

- Desktop Tagger: 26k downloads/month
 - Helix grant-funded new version in beta
<http://wiki.musicbrainz.org/wiki.pl?PicardTagger>
- Canonical IDs for: artists, albums, tracks, CDs
 - Accessible to everyone, say no to data islands
- Community Moderation: Quality > Quantity
 - Compare with proliferation of duplicates and bad data in CDDB and FreeDB
- Relatable TRM (acoustic fingerprint-based)



MB & the Metadata Ecosystem

- Semantic Web
 - All data available as RDF, builds on Dublin Core et al
<http://musicbrainz.org/MM/>
 - [Potential] interoperability with other RDF-enabled standards & services, e.g., RSS1.0, FOAF, Creative Commons, Bitzi
 - & really anything network-enabled, e.g., Atom, Audioscrobbler ... Wikipedia, XFN
- ~Competition: CDDB, MoodLogic, AllMusic
- Future: "Advanced Relationships"



MB for Developers

- RESTish web service (RDF/XML)
- TunePimp: general tagging lib for letting others build their own taggers
- libmusicbrainz: MB API for C, C#, Perl, Python, Ruby
- Data dumps: thrice weekly
- Data replication: CC by-nc-sa license (nc = NonCommercial), commercial licensing available



MB for Users

- Download Tagger, tag your collection
- MB-enabled apps: media players and organizers for KDE, others
- Via <http://musicbrainz.org>
 - Moderate, Vote
 - Lookup info
- Coming soon: Music blogging tools
- Coming later: Music discovery



Followup

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MusicBrainz Founder & Leader: Rob Kaye

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"The MusicBrainz identifiers allow future audio applications to carry on unambiguous conversations about music and to enable a whole new set of features for music enjoyment and music discovery."

<http://musicbrainz.org>