

DAAP

From Flat Files to Accountable Music Assets

Why session-aware music infrastructure matters for recording, business, in the age of AI.

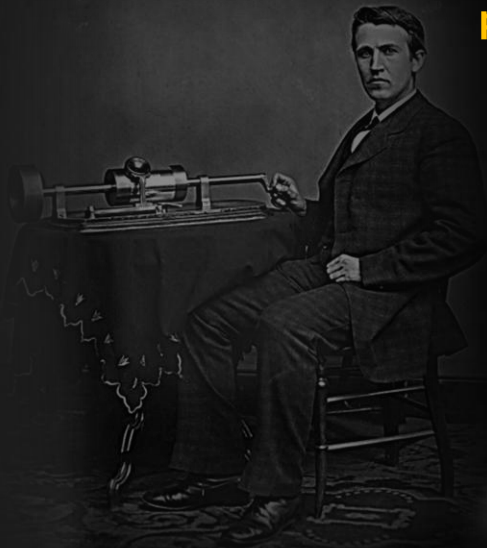
DEMONSTRATION DECK

For music business and recording professionals



Recorded music starts as a captured wave

Before there was streaming, metadata, or a DAW session, there was one basic idea: make sound physically recoverable.



Edison's demonstrations made that idea concrete. Every recording workflow since still ends in a recoverable audible wave.

DAAP does not replace the wave; it changes what travels with the wave.



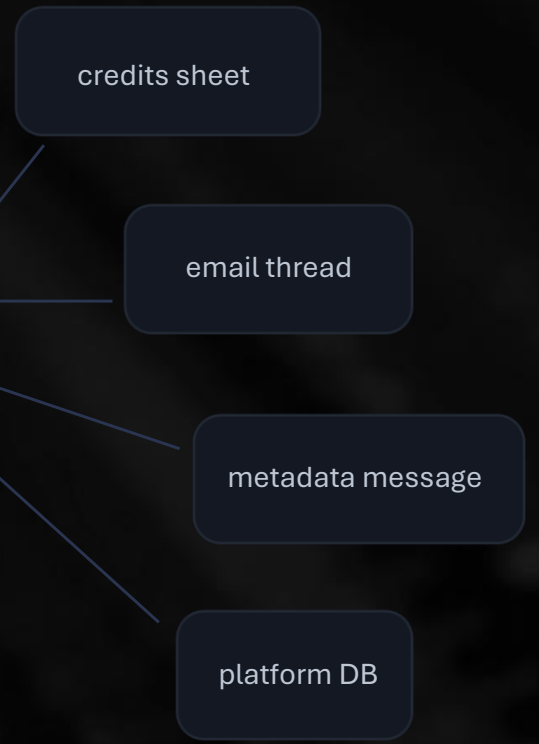
Digital distribution kept an analog mindset



physical product

**The physical container changed.
The commercial assumption did not.**

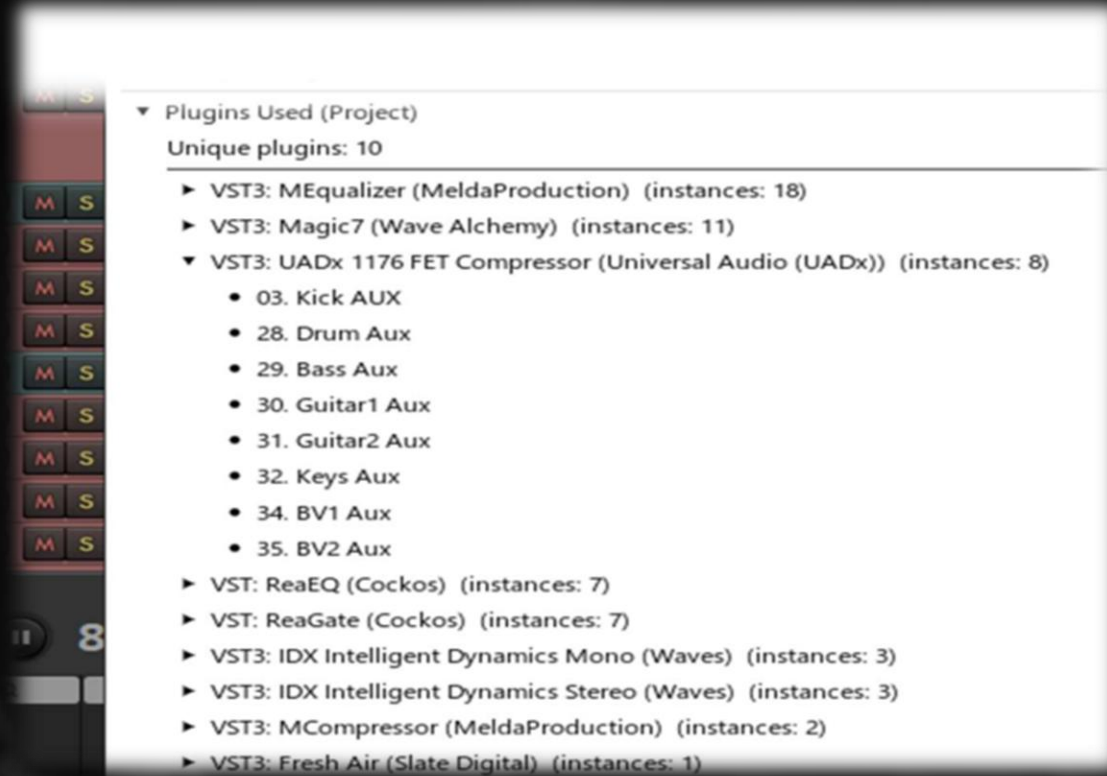
The industry still ships the sound as the main object. That is enough to preserve samples but not the full studio memory and economic potential of the work.



Modern music is session-defined

A song has never been just one audio wave. It is a system.

- Tracks and stems
- Routing graph
- Plugin chains and versions
- Automation states
- Licensed samples / beat elements
- Licensed AI music elements
- Licensed AI modeled vocals



▼ Plugins Used (Project)

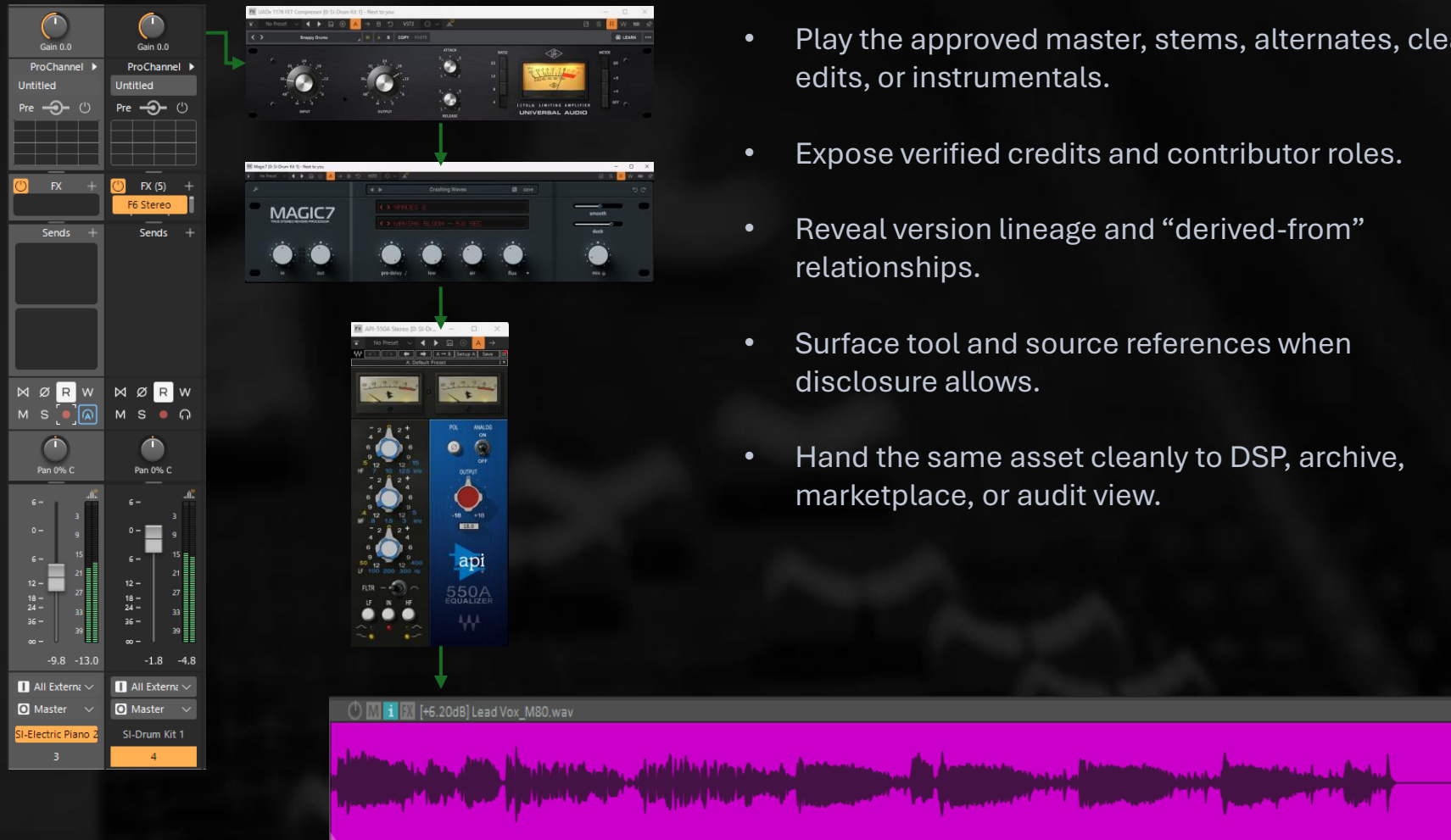
Unique plugins: 10

- ▶ VST3: MEqualizer (MeldaProduction) (instances: 18)
- ▶ VST3: Magic7 (Wave Alchemy) (instances: 11)
- ▼ VST3: UADx 1176 FET Compressor (Universal Audio (UADx)) (instances: 8)
 - 03. Kick AUX
 - 28. Drum Aux
 - 29. Bass Aux
 - 30. Guitar1 Aux
 - 31. Guitar2 Aux
 - 32. Keys Aux
 - 34. BV1 Aux
 - 35. BV2 Aux
- ▶ VST: ReaEQ (Cockos) (instances: 7)
- ▶ VST: ReaGate (Cockos) (instances: 7)
- ▶ VST3: IDX Intelligent Dynamics Mono (Waves) (instances: 3)
- ▶ VST3: IDX Intelligent Dynamics Stereo (Waves) (instances: 3)
- ▶ VST3: MCompressor (MeldaProduction) (instances: 2)
- ▶ VST3: Fresh Air (Slate Digital) (instances: 1)

The information exists in-session before export.



A single track can have many upstream ingredients



```
{
  "mint_accept_signatures": [
    "x509_ecdsa_p256_sha256"
  ],
  "may_accept_signatures": [
    "x509_ecdsa_p384_sha384",
    "x509_rsa_pss_sha256"
  ]
},
{
  "events": [
    {
      "event_id": "event:82845f24-0c71-4b47-9f88-f65854e28b49",
      "event_type": "manifest_created",
      "timestamp": "2026-04-01T09:56:44400-00",
      "remarks": "Initial DAAP manifest state created."
    }
  ],
  "mappings": {},
  "extensions": {
    "manifest_prep": {
      "project_context": {
        "project_name": "DEMO_PROJECT",
        "session_file": "demo.rpp",
        "project_path": "."
      },
      "first_summary": {
        "asset_count": 0,
        "audio_supported": 0,
      }
    }
  }
}
```

What a true DAW-born digital player can be - DAW meets Hi-Fi

Not just to play sound, but to interpret the recording.

The DAAP architecture makes it possible for the DAW to become a true consumer product - the new Hi-Fi. By defining music as a protected, structured asset rather than a flattened file, DAAP allows artists and labels to release full studio-grade sessions directly into people's homes, complete with the actual plugins and production context intact.



Wi-Fi enabled asset updates



DAAP



The artist sets the boundaries, the label maintains protection, and the consumer gains a richer, more interactive relationship with the work. DAAP shifts the DAW from a professional tool into a mainstream playback environment; a new category of home audio.



version-aware

provenance-aware

rights-aware

The Desktop Interface:

DAAP preserves the manifest layer for future payouts

without dictating royalty policy or business models

- The studio becomes a distributable experience that is for everyone
- DAW sessions (with actual plugins) become a protected consumer-grade format
- Artists and labels release controlled, high-fidelity session assets, not flattened audio files
- Enables artist-directed mixes, variations, and creative options
- Expands the music market by turning production itself into a premium product

This expands the music market by turning the studio itself into a distributable experience: listeners can explore artist-approved mixes, variations, stems, and creative options without enabling random AI reinterpretations or low-quality user remixes.



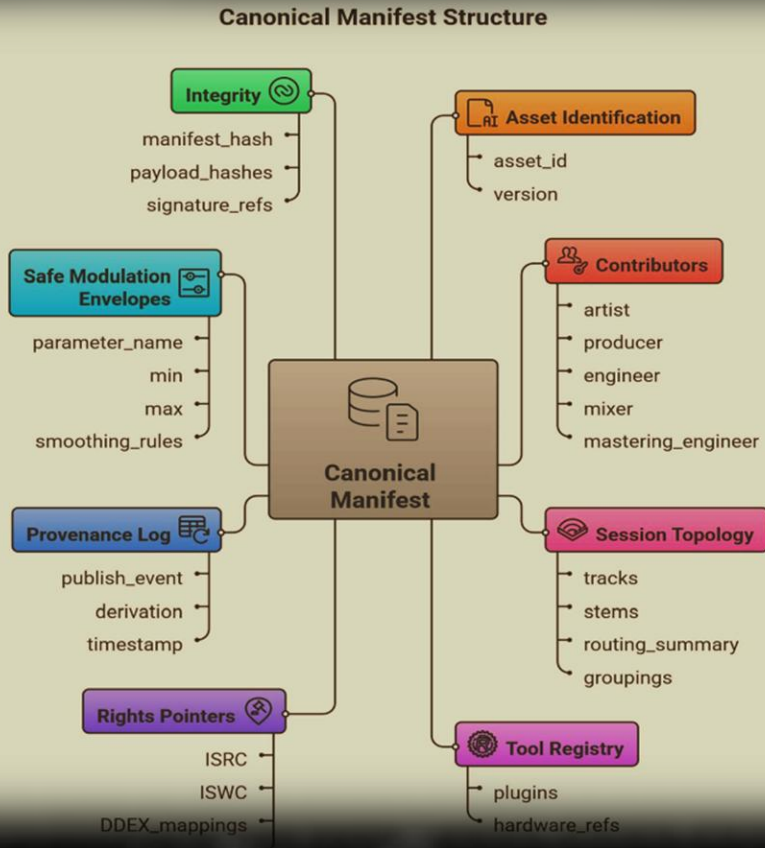
skeuomorphic UI

multi-channel

desktop-native

This is the missing accounting memory: not just that the track exists, but what went into it, which version was approved, and what it derives from.

What the music business side gains



Cleaner credit disputes

less re-entry, fewer missing contributors, stronger audit trails

Better derivative control

alternate mixes, stems, clean edits, and remasters stay legible

Stronger AI disclosure

provenance and source references are easier to review and defend

More durable catalog memory

reissues, syncs, archives, and handoffs stop depending on folklore

More defensible valuation

future settlement logic can point to evidence inside the asset

Move from after-the-fact reconciliation to asset-level verification.

DAAP: The Studio, Set Free

- Music is no longer a file, it becomes a living, accountable memory of how it was made.
- The session itself travels with the sound, carrying its lineage, its tools, its truth.
- The DAW steps out of the control room and into the world, becoming the new highest capacity music listening experience.
- Artists release not just what we hear, but the creative universe behind it.
- Listeners step into the studio, not to edit, but to experience the work as the artist intended.
- Catalogs gain permanence; credits gain clarity; provenance gains a voice.
- The industry moves from guesswork to evidence, from loss to continuity, from opacity to trust.

Help Shape the Future of Recorded Music

Join the DAAP Consortium.

Read the White Paper.

Explore the open-source implementation.

Build the tools that will define the next century of music.

www.nquist.net

DAAP



DIGITAL AUDIO ASSETS PROTOCOL

