

EIDR

The Universal Media Identifier

Automate Your EIDR
Triggered

A Collaboration of:
Murthy Adireddi
Richard W. Kroon

Introductions



Murthy Adireddi

Senior Manager - Software
Engineering



Richard W. Kroon

EIDR Director of Technical
Operations

EIDR provides the following tools for members to build their own integration workflows.

1. REST API

- a. XML read/write
- b. JSON read-only

2. SDKs

- a. .NET
- b. Java

3. Command-Line Tools

- a. Shell scripting
- b. Full Java/.NET source code

How do you automate registration (and future modification) of EIDR IDs with minimal manual effort?

Automating EIDR Registration

Time-Based Registration

- Poll system(s) on a schedule

Real-Time Registration

- On demand registration
- Title is first availed/sold
- New version is availed/sold (new media channel, new territory, etc.)

Criteria-Based Registration

- Local system updates automatically trigger registration:
 - New title/version in local system
 - Required metadata completeness
 - Updates to required metadata
- Scheduled events trigger registration:
 - Avail dates (released for sale)
 - Release dates (released for viewing)
- Hierarchical registrations (Series-Season-Episode)
- Catalog acquisition/auto-bulk registration

Exception Handling

- EIDR returns a Token rather than ID
- EIDR rejects a transaction
- EIDR returns a match instead of the new ID expected
- EIDR returns an ID you already have elsewhere
- Edge case not yet automated: ui.eidr.org

And of course...

If you ask your vendors and supply chain partners to provide EIDR IDs up front, then you don't have to register.

And

If you include EIDR IDs in all of your transactions, then your vendors and supply chain partners don't have to register.

Thank You

For additional information, contact:

- **Murthy Adireddi** - murthya@gmail.com
- **Richard W. Kroon** - rkroon@eidr.org
- **EIDR Operations** - support@eidr.org

EIDR documentation is available at eidr.org:

- [EIDR Best Practices](#)
- [Technical Documentation](#)
- [Standards and Interoperability](#)