

Journal #5756 from sdc 7.2.24

Unity Conference in Potland

Sunken cities are finally being explored on the seafloor

Sierra Nevada Conservation & Wilderness Medicine Conference

Reception for Steven Nighthawk

GrantStation

Medical School in Cherokee Nation Gives Students Experience Serving Native Communities US

Unions, Environmentalists Join Forces to Push for Green Jobs

Duckwater Field Day

An Alameda County program is hoping to turn community members into substitutes.

More Formats and More About Formats: New Entries, Format Accessibility Features and Others

Scholarships with August 1 Deadlines



Bucky Harjo

Unity Conerence in Portland



Sunken cities are finally being explored on the seafloor

In recent decades, new technologies have revolutionized underwater archaeology and surfaced the remains of submerged coastal cities from the ancient world.

Read in National Geographic History: <https://apple.news/AuDhOU9pqRZKLPEEiegf81A>

Sierra Nevada Conservation & Wilderness Medicine Conference



Elevate your wilderness medicine skills at the Sept 6-8 2024 Sierra Nevada Conservation & Wilderness Medicine Conference! Join expert healthcare professionals for hands-on workshops and insightful lectures on conservation topics, all set in the stunning Plumas County Wilderness. Don't miss this chance to learn from world-class presenters and grow your wilderness medicine expertise in an inspiring environment. Secure your spot today!

Artist Reception: *The art of Steve Nighthawk*

SIERRA ARTS

ARTOWN
JULY 2024

Come to support Steve Nighthawk your fellow tribal member, neighbor, relative and friend as we celebrate his work as an artist and the 2024 Artown poster artist.

About the Exhibition
A **SMALL** collection of Steve Nighthawk's artwork will be on display at the Sierra Arts Gallery.
Steve's media include pencil, charcoal, oil, and chalk pastels. His art captures wildlife, Native spirituality, and indigenous ways of life.

The reception will be held on:
Thursday, July 11 2024
6:00pm - 8:00 pm

Sierra Arts Gallery
17 S. Virginia St., Ste. 120
Reno, NV 89501

Exhibit open:
July 2nd - July 20th

For more information contact RSIC Cultural Resources/THPO at: 775-785-1326 or Sierra Arts Gallery at 775-329-2787

GrantStation

Builders Initiative invests in and collaborates with non-profits, businesses, and others working towards sustainable solutions to societal and environmental challenges. Their projects are primarily focused on Food and Agriculture; Climate and Energy; Oceans; and Community. Builders Initiative has supported the Tanka Returns fund, which provides grants and services directly to our partner Buffalo caretakers to establish new Buffalo ranches or to support, expand, and sustain existing ranch operations.. <https://www.buildersinitiative.org/>

Lumina Foundation is an independent, private foundation in Indianapolis committed to making opportunities for learning beyond high school available to all. We envision higher learning that is easy to navigate, addresses racial injustice, and meets the nation's talent needs through a broad range of credentials. We are working toward a system that prepares people for informed citizenship and success in a global economy. <https://www.luminafoundation.org/>

National Opportunities

[Challenge Seeks AI Solutions Bolstering Climate and Nature Efforts](#)

The AI for Climate and Nature Grand Challenge, a global initiative from the Bezos Earth Fund, seeks to explore new ideas for multiplying the impact of climate and nature efforts using modern AI.

[Funding Promotes the Contemporary Visual Arts](#)

The Andy Warhol Foundation for the Visual Arts seeks to advance the visual arts.

[Grants Enhance Economics Education in the U.S.](#)

The Calvin K. Kazanjian Economics Foundation is dedicated to economic education for all in the United States.

[Childhood Bereavement Services Supported](#)

The Grief Reach grants program, a partnership between the National Alliance for Children's Grief and the New York Life Foundation, supports childhood bereavement services in the United States.

Regional Opportunities

[Projects Addressing Arts and Community Impact Funded in the South](#)

South Arts is dedicated to advancing Southern vitality through the arts.

[Grants Aim to Improve Early Childhood Equity in Colorado](#)

Early Milestones Colorado aims to make Colorado the best place to be a child.

[Support Benefits Communities Across South Dakota](#)

The South Dakota Community Foundation aims to bring philanthropy to life to build a stronger South Dakota.

[Funding Targets Literacy in the MD, DC, and WV Area](#)

The Nora Roberts Foundation provides support to nonprofit organizations in the United States, with preference given to Maryland; Washington, DC; and West Virginia.

Federal Opportunities

Program Supports Rural Hospitals

The purpose of the Rural Hospital Stabilization Pilot Program is to improve healthcare in rural areas by providing in-depth technical assistance to rural hospitals to enhance or expand service lines to meet local needs and keep healthcare services available locally.

Funds Available for Training on Environmental Hazards

The Brownfields Job Training Grants program provides graduates with the opportunity to seek and obtain environmental jobs across a spectrum of brownfield-related activities that contractors may otherwise fill from outside the affected community.

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**The Looking Out Foundation** supports nonprofit organizations nationwide that address the ever-changing needs of the human race, and focuses on empowering those without a voice. Program interests include disadvantaged youth, public health, women, the environment, the arts, the hungry, and the homeless. [Learn more](#) about the funding guidelines and application process.

**Hot Docs** is dedicated to advancing and celebrating the art of documentary film and creating production opportunities for documentary filmmakers. The Hot Docs-Slaight Family Fund supports documentary filmmakers telling engaging, high-quality stories that embrace music artists in all their forms and demonstrate Canadian music's role in the world. [Learn more](#) about the funding guidelines and application process.

### **Expanding Opportunities for Underserved Youth: Workforce Pathways for Youth Grants**

The U.S. Department of Labor's Employment and Training Administration announced the availability of up to \$40 million in grants through the Workforce Pathways for Youth program. These grants are designed to support national out-of-school time (OST) organizations in expanding work-based learning opportunities and career pathways for underserved youth, aged 14 to 21, during non-school hours. More information can be found on [Workforce GPS](#).

### **Building Pathways to Infrastructure Jobs Grants**

The U.S. Department of Labor announced the availability of approximately \$35 million in additional funding for the second round of the Building Pathways to Infrastructure Jobs grants, part of the Biden-Harris administration's "Investing in America" agenda. This initiative aims to expand training access for high-quality infrastructure jobs. More information can be found on [Workforce GPS](#).

### **AIHEC Announces Tribal Colleges and Universities Building Bridges Grant**

The American Indian Higher Education Consortium (AIHEC) has announced its partnership with the National Aeronautics and Space Administration (NASA) to provide tribal colleges and universities (TCUs) its new Building Bridges grant.

The Building Bridges Grant program is a Science, Technology, Engineering & Math (STEM) funding opportunity being made available exclusively to TCUs. The grant is designed to update academic program content, and provide funds to improve infrastructure, student research opportunities, faculty professional development,

bridging activities, and other initiatives supporting TCU efforts to develop and enhance their STEM programs. If awarded, grantees will also receive ongoing technical assistance from both AIHEC as well as NASA to support project success.

For more information about the TCU Building Bridges grant, [click here](#)

### **HUD Makes \$150 Million Available for Affordable Housing to Tribes**

The U.S. Department of Housing and Urban Development (HUD) announced the availability of \$150 million in funding. This funding is designated for affordable housing projects benefiting low-income families in American Indian and Alaska Native communities through the Indian Housing Block Grant (IHBG) Competitive program.

Under the IHBG Competition, eligible applicants receive grants primarily to construct new affordable housing in safe and healthy environments in Tribal communities. A 2017 HUD Housing Needs Study concluded that 68,000 new homes are needed to replace substantially dilapidated homes and to address severe overcrowding in Tribal communities. These grant funds will help Tribes build new homes to improve housing conditions for Tribal members and help address some of this need.

For more information about this funding opportunity, view the [grants notice on grants.gov](#).

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What Is ESSER Funding?

ESSER (Elementary and Secondary School Emergency Relief) funding is a federal program administered by the Department of Education that provides time-limited emergency financial assistance for US school districts to address educational challenges caused by the COVID-19 pandemic. School districts can apply for ESSER funding through their state educational agency (SEA). For more details, visit the [US Department of Education's website](#).

Can ESSER Funds Be Used for Second Step® Programs?

Absolutely! ESSER Funds are tailor-made to address students' academic, social, and emotional needs stemming from pandemic-related learning setbacks. These funds support research-backed and evidence-based programs that enable the implementation of Multi-Tiered Systems of Support (MTSS) and Tier 1 SEL, which encompasses the comprehensive Second Step® family of programs. This is ideal for freeing up your budget because you can allocate ESSER funds for multi-year program subscriptions, extending up to four years after the funds are obligated. Be sure to check with your state or district for any additional local guidelines.

Is ESSER Funding Still Available?

Yes! ESSER III funding must be allocated by September 30, 2024, and liquidated within 120 days of that date, giving you ample time to customize an SEL program specific to your school environment and SEL goals. **in at-risk Nevada habitats. Apply by Friday, July 26, 2024,**

The Community Foundation of Northern Nevada is accepting proposals for grants from the Truckee River Fund. Proposals will be considered by the Truckee River Fund Advisory Committee and grant recommendations must be approved both by the TMWA Board and the Board of Trustees of the Community Foundation. The fund advisors may recommend up to a total of \$550,000 in grant awards per fiscal year but may choose to award less than the amount available.

The mission of the Truckee River Fund is to protect and enhance water quality or water resources of the Truckee River or its watershed. To be considered for funding, project proposals must demonstrate measurable impact in accordance with this mission. Please note that land and/or water rights acquisition projects are not considered to be a Truckee River Fund priority. To see projects funded by the Truckee River Fund, please go to <http://www.truckeeriverfund.org>. **Deadline** for proposal is July 26 at noon. <https://nevadafund.org/nonprofits/request-proposals>

Nevada Dream Tags

The Community Foundation of Northern Nevada accepts proposals year-round for grants from the Dream Tags Charitable Fund. Proposals will be considered by the Advisory Board on Dream Tags at their next meeting and on an as-needed basis for emergency funding requests. Grant recommendations must be approved by the Board of Trustees of the Community Foundation. The **deadline to apply for non-emergency proposals is noon on Friday, July 26, 2024.** Emergency funding requests may be submitted at any time using the Emergency Request for Proposal form.

The Dream Tags Charitable Fund provides funding to engage Nevadans in wildlife conservation by focusing donated funds to restore resilience in at-risk Nevada habitats with strategic collaborative projects for sustained impact that supports the preservation, protection, management, or restoration of big game, other wildlife, and their habitat. To be considered for funding, project proposals must demonstrate measurable impact in accordance with this purpose.

Applicants must be registered 501(c)(3) nonprofit agencies, nonprofit educational institutions, or governmental entities. Projects must be performed in Nevada. Grants are typically paid on a reimbursable basis for actual expenditures. Funding will not be provided for work performed prior to grant approval.



<p>Medical School in Cherokee Nation Gives Students Experience Serving Native Communities</p> <p>On June 3, the PBS News Hour profiled the inaugural class of a first-of-its-kind medical program in the Cherokee Nation. Click here to view the report from Oklahoma communities correspondent Adam Kemp.</p>

US Unions, Environmentalists Join Forces to Push for Green Jobs

Historically opponents on many issues, environmental and labour groups are coming together across the country

https://www.context.news/just-transition/us-unions-environmentalists-join-forces-to-push-for-green-jobs?utm_source=pocket-newtab-en-us



INTERTRIBAL AGRICULTURE COUNCIL
Natural Resources Program

July
9-11

10 AM - 4 PM

Duckwater Field Day

Regenerative Grazing Management Planning & Soils

Natural Resources Building | Duckwater Tribal Office 511 Duckwater Falls Rd, Duckwater, NV 89314

Join us for the Duckwater Field Day brought to you by the Intertribal Agriculture Council's Natural Resources Department, Technical Assistance Network, and USDA's Natural Resources Conservation Service. Attendees will gain insight into useful resources for grazing management planning consideration, weed management, rangeland management, and interactive outdoor in-the-field assessments. There will also be specialists coming from out of state for rangeland/pasture management, soils, and agroecology. The Nature Conservancy will be presenting on weed management and Native plant restoration.

Please prepare for the weather conditions.

Emily Luscombe

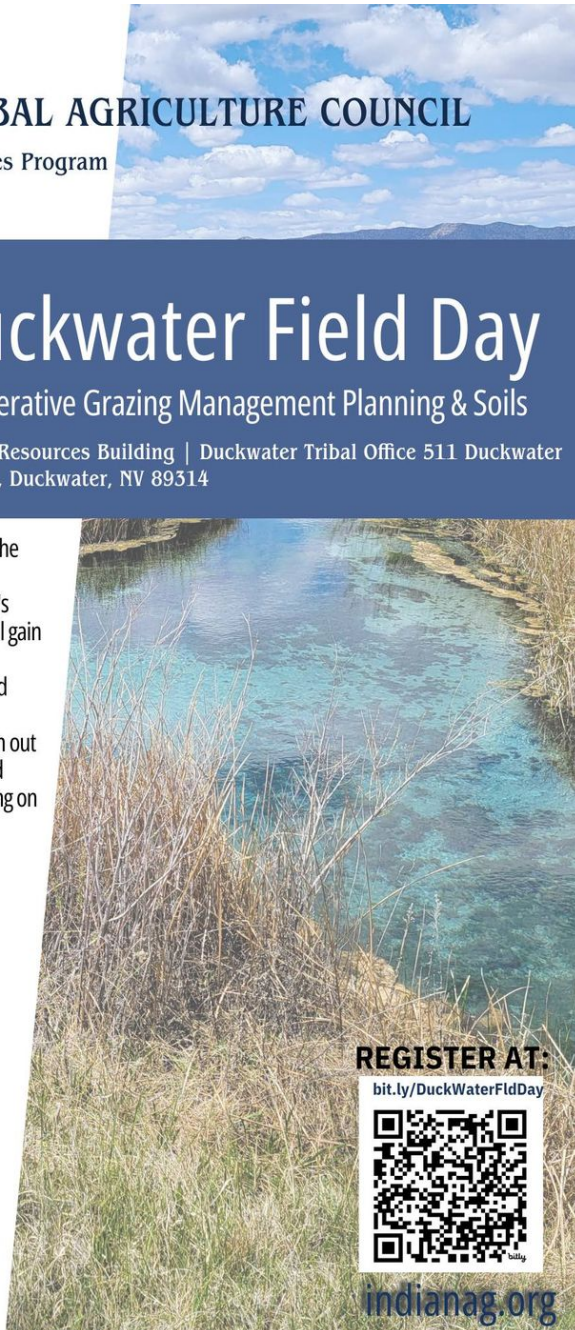
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Natural Resources Conservation Service



REGISTER AT:

bit.ly/DuckWaterFldDay



indianag.org

Bay Area schools are desperate for substitute teachers. Can this program help find them?

An Alameda County program is hoping to turn community members into substitutes.

[https://www.mercurynews.com/2024/01/08/bay-area-schools-are-desperate-for-substitute-teachers-can-this-program-help-find-them/?](https://www.mercurynews.com/2024/01/08/bay-area-schools-are-desperate-for-substitute-teachers-can-this-program-help-find-them/)

campaign=sjmbbreakingnews&utm_email=85834408B47115A944CE9435C9&active=no<gt=85834408B47115A944CE9435C9

More Formats and More About Formats: New Entries, Format Accessibility Features and Other Updates

Today's guest post is from *Kate Murray, Marcus Nappier, Liz Holdzkom and Genevieve Havemeyer-King* of the *Digital Collections Management & Services Division at the Library of Congress*.

It's hard to believe that this is our sixth installment of file format fandom blog posts! The traditional sixth anniversary gift is something made from iron but that seems like a pain to giftwrap. So just send us good vibes, comments and questions instead.

Way back in 2021 with our inaugural post, [Fun with File Formats](#), we had only eight content categories with approximately 480 FDDs or format description documents. Three years later, we have 12 content categories and 568 FDDs. Any way you slice it, we have been busy. If you are imagining that meme with the cat frantically typing on a laptop, that is an accurate representation of your favorite Formats team at work.

New Format Descriptions Galore

Without a doubt, the main contributor to our impressive FDD output this year was the now-concluded contract with Myriad Consulting (Ashley Blewer, Frances Harrell and Abi Simkovic). Their good work contributed 32 new entries to the Sustainability of Digital Formats, alongside seven new entries authored by Library of Congress staff.

A	B	C	D	E	F	G
FDD Num	FDD Long Name	FDD Short Name	HTML URL	XML URL	First Publish	Author
1	MXF Archive and Preservation Format Registered	MXF_RDD48	https://www.loc.gov/preservation/digital/formats/fdd/fdd000543.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000543.xml	6/10/2024	LC
3	MXF Generic Container Mapped to FFV1 Encoding	MXF_GC_FFV1	https://www.loc.gov/preservation/digital/formats/fdd/fdd000544.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000544.xml	6/10/2024	LC
4	Flash SWF File Format Family	SWF_Family	https://www.loc.gov/preservation/digital/formats/fdd/fdd000523.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000523.xml	5/23/2024	LC
5	AV1 Image File Format	AVIF	https://www.loc.gov/preservation/digital/formats/fdd/fdd000540.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000540.xml	5/24/2024	LC
6	AV1 Video Encoding	AV1	https://www.loc.gov/preservation/digital/formats/fdd/fdd000541.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000541.xml	5/24/2024	LC
7	XVZ Point Cloud	XVZ	https://www.loc.gov/preservation/digital/formats/fdd/fdd000617.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000617.xml	5/13/2024	Contractor
8	Maya Binary Scene File Format	MB	https://www.loc.gov/preservation/digital/formats/fdd/fdd000605.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000605.xml	5/13/2024	Contractor
9	Maya ASCII Scene File Format	MA	https://www.loc.gov/preservation/digital/formats/fdd/fdd000604.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000604.xml	5/13/2024	Contractor
10	MicroStation DGN Family	DCN	https://www.loc.gov/preservation/digital/formats/fdd/fdd000603.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000603.xml	5/13/2024	Contractor
11	Virtual Reality Modeling Language Family	VRML	https://www.loc.gov/preservation/digital/formats/fdd/fdd000602.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000602.xml	5/13/2024	Contractor
12	3D Model File Format Family	3DM	https://www.loc.gov/preservation/digital/formats/fdd/fdd000601.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000601.xml	5/13/2024	Contractor
13	ArcGIS Layer File	Lyrs	https://www.loc.gov/preservation/digital/formats/fdd/fdd000626.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000626.xml	4/19/2024	Contractor
14	Apple Double Resource Fork	Apple_Fork	https://www.loc.gov/preservation/digital/formats/fdd/fdd000625.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000625.xml	4/19/2024	Contractor
15	Portable Embosser Format	PEF	https://www.loc.gov/preservation/digital/formats/fdd/fdd000624.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000624.xml	4/19/2024	Contractor
16	Android Package	APK	https://www.loc.gov/preservation/digital/formats/fdd/fdd000592.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000592.xml	4/9/2024	Contractor
17	iOS App Store Package	IPA	https://www.loc.gov/preservation/digital/formats/fdd/fdd000593.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000593.xml	4/9/2024	Contractor
18	Apple ProRAW	Apple_ProRAW	https://www.loc.gov/preservation/digital/formats/fdd/fdd000594.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000594.xml	4/9/2024	Contractor
19	Silverlight Application Package	XAP	https://www.loc.gov/preservation/digital/formats/fdd/fdd000595.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000595.xml	4/9/2024	Contractor
20	Adobe Digital Negative (DN), Version 1.6	DNG_L6	https://www.loc.gov/preservation/digital/formats/fdd/fdd000623.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000623.xml	4/9/2024	Contractor
21	Sibelius Music Notation Format	SIB	https://www.loc.gov/preservation/digital/formats/fdd/fdd000609.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000609.xml	3/26/2024	Contractor
22	NuSoft Streaming Video	NSV	https://www.loc.gov/preservation/digital/formats/fdd/fdd000608.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000608.xml	3/26/2024	Contractor
23	Audio Definition Model	ADM	https://www.loc.gov/preservation/digital/formats/fdd/fdd000607.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000607.xml	3/26/2024	Contractor
24	Unified Speech and Audio Coding	USAC	https://www.loc.gov/preservation/digital/formats/fdd/fdd000606.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000606.xml	3/26/2024	Contractor
25	Apple Core Audio Format	CAF	https://www.loc.gov/preservation/digital/formats/fdd/fdd000591.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000591.xml	3/26/2024	Contractor
26	beep2	beep2	https://www.loc.gov/preservation/digital/formats/fdd/fdd000600.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000600.xml	3/12/2024	Contractor
27	GDIP	gdp	https://www.loc.gov/preservation/digital/formats/fdd/fdd000599.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000599.xml	3/12/2024	Contractor
28	Java Virtual Machine Class File Format	class	https://www.loc.gov/preservation/digital/formats/fdd/fdd000598.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000598.xml	3/12/2024	Contractor
29	Desktop Services Store	DC_Store	https://www.loc.gov/preservation/digital/formats/fdd/fdd000597.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000597.xml	3/12/2024	Contractor
30	Microsoft Windows Shortcut File	LNK	https://www.loc.gov/preservation/digital/formats/fdd/fdd000596.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000596.xml	3/12/2024	Contractor
31	Transport Neutral Encapsulation Format	TNEF	https://www.loc.gov/preservation/digital/formats/fdd/fdd000485.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000485.xml	2/28/2024	Contractor
32	Groupwise Email Format	MLM	https://www.loc.gov/preservation/digital/formats/fdd/fdd000614.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000614.xml	2/28/2024	Contractor
33	Apple Mail Email Format	EMLX	https://www.loc.gov/preservation/digital/formats/fdd/fdd000615.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000615.xml	2/28/2024	Contractor
34	Virtual Card Format	vCard	https://www.loc.gov/preservation/digital/formats/fdd/fdd000616.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000616.xml	2/28/2024	Contractor
35	CDX Internet Archive Index File	CDX_Index	https://www.loc.gov/preservation/digital/formats/fdd/fdd000630.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000630.xml	2/9/2024	LC
36	HFE (i.e. C) Floppy Emulator) File Format	HFE	https://www.loc.gov/preservation/digital/formats/fdd/fdd000613.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000613.xml	1/19/2024	Contractor
37	MOCIF Disk Image	MOCIF	https://www.loc.gov/preservation/digital/formats/fdd/fdd000612.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000612.xml	1/19/2024	Contractor
38	Digital Forensics XML	DFXML	https://www.loc.gov/preservation/digital/formats/fdd/fdd000611.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000611.xml	1/19/2024	Contractor
39	KryoFlex Stream File	Stream	https://www.loc.gov/preservation/digital/formats/fdd/fdd000610.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000610.xml	1/19/2024	Contractor
40	Interoperable Master Format (IMF)	IMF_Package	https://www.loc.gov/preservation/digital/formats/fdd/fdd000535.shtml	https://www.loc.gov/preservation/digital/formats/fdd/XML/fdd000535.xml	12/20/2024	LC

Screenshot of the [publication log](#) of all the FDDs published so far in 2024.

As Marcus explained in [How to Write a FDD in 149 Easy Steps: Learning to Evaluate Digital File Formats](#), researching and writing an FDD is a collaborative and labor-intensive task so there are lots of fingers in all these FDD pies. It is the ultimate group project.

Since our last [blog entry](#) in December 2023, we posted the following new FDDS in specific areas of focus:

- **Mobile device support:** [APK, Android Package](#) (FDD 592); [IPA, iOS App Store Package](#) (FDD 593); [Apple ProRAW](#) (FDD 594); and [XAP, Silverlight Application Package](#) (FDD 595).
- **Packaging, software and installation support:** [LNK, Microsoft Windows Shortcut File](#) (FDD 596); [DS_Store, Desktop Services Store](#) (FDD 597); [class, Java Virtual Machine Class File Format](#) (FDD 598); [gzip](#) (FDD 599); and [bzip2](#) (FDD 600).
- **Email and personal information management (PIM):** [TNEF, Transport Neutral Encapsulation Format](#) (FDD 485); [MLM, GroupWise Email Format](#) (FDD 614); [EMLX, Apple Mail Email Format](#) (FDD 615); and [vCard, Virtual Card Format](#) (FDD 616).
- **Audiovisual:** [CAF, Apple Core Audio Format](#) (FDD 591); [USAC, Unified Speech and Audio Coding](#) (FDD 606); [ADM, Audio Definition Model](#) (FDD 607); [NSV, Nullsoft Streaming Video](#) (FDD 608); [SIB, Sibelius Music Notation Format](#) (FDD 609); [IMF Package, Interoperable Master Format](#) (FDD 535); [AV1, AOMedia Video 1 Video Encoding](#) (FDD 541); [MXF RDD48, MXF Archive and Preservation Format Registered Disclosure Document \(SMPTE RDD 48\)](#) (FDD 543); [MXF GC FFV1, MXF Generic Container Mapped to FFV1 Encoding \(SMPTE RDD 48 Amd 1\)](#) (FDD 544); and [SWF Family, Flash SWF File Format Family](#) (FDD 629).
- **3D, VR and animation:** [3DM, 3D Model File Format Family](#) (FDD 601); [VRML, Virtual Reality Modeling Language Family](#) (FDD 602); [XYZ, XYZ Point Cloud](#) (FDD 617); [DGN, MicroStation DGN Family](#) (FDD 603); [MA, Maya ASCII Scene File Format](#) (FDD 604); and [MB, Maya Binary Scene File Format](#) (FDD 605).
- **Imaging:** [DNG 1.6, Adobe Digital Negative \(DNG\) Version 1.6](#) (FDD 628) and [AVIF, AV1 Image File Format](#) (FDD 540).
- **Forensics and disc imaging:** [Stream, Kryoflux Stream File](#) (FDD 610); [DFXML, Digital Forensics XML](#) (FDD 611); [MOOF, MOOF Disk Image](#) (FDD 612); and [HFE, HxC Floppy Emulator File Format](#) (FDD 613).
- **Miscellaneous:** [Apple Fork, AppleDouble Resource Fork](#) (FDD 625); [Lyrx, ArcGIS Layer File](#) (FDD 626); [PEF, Portable Embosser Format](#) (FDD 624); and [CDX Index, CDX Internet Archive Index File](#) (FDD 590).

You can follow along at home with our progress on our [workplan](#) page as well as the regularly updated [publication log](#). We've also published the [draft workplan](#) for the coming year if you want a sneak peak. This one is still very much in flux because we have no external contract support so it's just us LC chickens on the FDD writing and updating duty again.

If you are curious about how and why we research the formats we do, read a refresher on our first post, [Fun with File Formats](#). There's a method to the madness but the gist is that we focus on formats that are of interest to the Library of Congress because we have them in our collections, such as those listed in the [Recommended Formats Statement](#) (more on the RFS below), or we will be adding them to our collections. Another path is that we encounter a format in the wild and want to learn about it in preparation for seeing it in our collections.

Documenting Digital Accessibility Features

Alongside these new format entries, we've also started a project related to the yearly update of

the [Recommended Formats Statement \(RFS\)](#) to document digital accessibility features in order to help [RFS Content Teams](#) determine if a format is [preferred or acceptable](#) under the RFS guidance.

The key questions we sought to answer about digital accessibility include:

- Does this format support digital accessibility features such as those described in the [W3C Accessibility Principles](#)? For example:
 - [Text alternatives for non-text content](#) (such as alt, or alternative, text)
 - [Captions and other alternatives for multimedia](#) (and subtitles)
 - Can text content be structured (as in XML) or tagged (as in PDF) for screen readers?
 - Are dataset formats well-structured with page regions and headings identified, tagged or marked up content permitted, tables navigable for a screen reader and forms that can validate entries?
- In what way are accessibility features implemented in the format? Such as:
 - Are there specific metadata tags to indicate accessibility features such as alt text, captions, transcripts and the like?
 - Are embedded closed captions supported?
 - Does the file rely on external data, such as a [WebVTT](#) file for caption data?

See the entry for [WAVE Audio File Format](#) (FDD001 – the very first FDD ever written!) which states:

Accessibility Features

WAVE files have moderate support for accessibility features. Closed captions and transcriptions can be embedded within the Labeled Text chunk (ltx) [within the Associated Data Chunk] and identified as such with the ‘Purpose’ label. The [specification](#) includes the suggested Purpose value of ‘capt’ for closed-caption text and FADGI defines, in [Guidelines for Embedding Metadata in Broadcast WAVE Files](#), the Purpose value of ‘tran’ for transcription. Overall, the optional Associated Data Chunk field allows a mechanism to provide context for the audio data along the timeline which is helpful, but it is not expressly designed for accessibility impacts.

In common practice, typically WAVE and other audio file content is supported by external caption and subtitle formats such as [WebVTT](#). See [W3C’s Making Audio and Video Media Accessible](#) for more general information about accessible sound and moving image media.

This information is reported as part of Self Documentation, one of the [seven sustainability factors](#). Each entry is prefaced with the **Accessibility Features** header in bold to make it easier to identify the information consistently on the page. It’s important to note that the RFS does not require these accessibility features to be enabled for a format, but our additions provide information on the capacity for the format to support these features.

We’ve defined the following [levels of accessibility support](#) for a format:

Unknown or not applicable: This term is used if there is no support identified in the specifications/resources or if unknown.

Limited: This term is used if there might be some very basic capability.

Moderate: [This term is used if there is some support but perhaps not explicitly designed for accessibility or not actually used.](#)

- **Good:** This term is used if there are dedicated components in the file that support accessibility features, such as embedded metadata to label content, tagged text for reading order and structure for screen readers (such as in text files) or caption/subtitle/timestamp/transcription options in AV wrappers.

The RFS Content Teams use the FDDs in their deliberations about preferences for the format as either “preferred” or “acceptable.” There are over 70 preferred formats listed in the RFS across all content categories, so we are tackling those first and we’ll get to the acceptable formats later. We also have plans to get wider community input on what information we’ve documented. While there’s a ways to go to organize and prettify this data as a compiled draft set, we’ve [compiled it into a XLSX file](#) in the interim so we can start to share and get feedback as we continue to refine our processes. [Let us know](#) what would be helpful to the community for this effort.

What’s Up Next

Your favorite Formats fam have lots in store for the next six months. We have a paper at [iPres 2024](#) with colleagues from the US National Archives and Records Administration (NARA) about File Format Risk Assessment in Two U.S. Government Contexts, lots more FDDs to write, we’re thinking of updating our XML schema to accommodate some recent changes in how and what data we document (reminder that you can [download all or part of our FDDs in XML!](#)), and of course, continuing to refine our digital accessibility features work.

And of course, we love to hear from our users. All 170,272 unique visitors across six continents (come on Antarctica folks – complete the map and make some format nerds very happy!) since our last post in December 2023. As we say in many of our FDDs, comments welcome! Please drop us a note here or to formats@loc.gov.

<https://blogs.loc.gov/thesignal/2024/06/more-formats-and-more-about-formats/?loclr=eadpb>



Some of us always feel better when we hear the drum

Thanks, Bucky

Scholarships with August 1 Deadlines

Brigham Young University Russell M. Nelson Scholarship	\$292,320	August 01, 2024
Brigham Young University Sterling Scholarship	Varies	August 01, 2024
Eastern New Mexico University Freshman Academic Scholarship	\$21,600	August 01, 2024
Elizabeth M. Mauro Reimbursement Program	\$1,000	August 01, 2024
Felbry College of Nursing Scholarship	\$30,000	August 01, 2024
Fresno State Balanced Man Scholarship	\$1,000	August 01, 2024
Hawaii Pacific University Esports Scholarship	\$24,000	August 01, 2024
HWA Scholarships	\$2,500	August 01, 2024
LUC Paul D. Coverdell Fellowships	\$14,252	August 01, 2024
Men of Principle Scholarship	\$1,000	August 01, 2024
Michael Moody Fitness Scholarship	\$1,500	August 01, 2024
Minority Teacher Education Scholarship	\$4,000	August 01, 2024
Mosaic Ministries Scholarship	\$33,750	August 01, 2024
National Federation of the Blind Scholarship - Texas	\$3,000	August 01, 2024
Oregon Chafee Education and Training Grant	\$5,000	August 01, 2024
Patsy Takemoto Mink Foundation Scholarship	\$5,000	August 01, 2024
Skillionaire Games Scholarship: RadLabSC	\$1,000	August 01, 2024
South Carolina Tuition Grants Program	\$4,800	August 01, 2024
SWING Scholarship	\$500	August 01, 2024
The Mahoney Family Foundation Scholarship	\$5,000	August 01, 2024
TYLENOL Future Care Scholarship	\$10,000	August 01, 2024
Vividly CPG Scholarship	\$5,000	August 01, 2024
WSEMA Scholarship Program	\$2,250	August 01, 2024
Arizona Nurses Foundation Academic Nursing Scholarships	\$2,500	August 03, 2024
We Art Scholarship	\$1,000	August 03, 2024
Forté Future Leaders Scholarship	\$1,000	August 05, 2024
USRA Distinguished Undergraduate Awards	\$5,000	August 07, 2024
GAEP Environmental Scholarship	\$1,000	August 09, 2024
SigEp Western Carolina University Balanced Man Scholarship	\$2,000	August 09, 2024