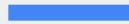


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Can't Wait for Perfect



Implementing “Good Enough”
Digital Preservation

 @shirapeltzman & @AlicePrael

Code4Lib Philadelphia | March 8th, 2016

National Digital Stewardship Residency

- Grant funded by  INSTITUTE of
Museum and Library
SERVICES

- 5 residents, 9-12 months



ndsr  ny



3 Principles of Digital Preservation

- **Bit preservation**
- **Content management**
- **Ongoing accessibility**



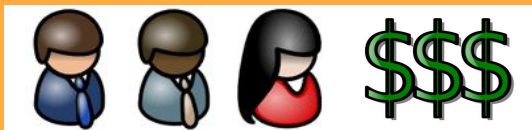
Priorities



**Collection
Needs**



Resources



Project Management

Don't

go it

alone!

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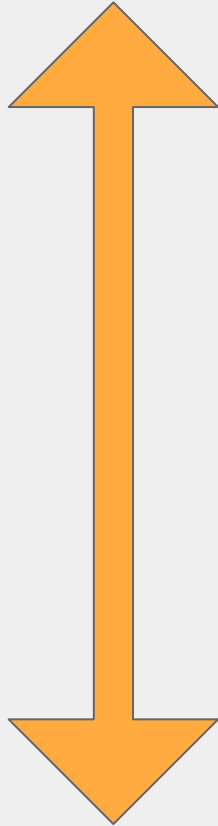
Inventory

- **File formats**
- **File size & extent**
- **Description & location of physical media**
- **Description & location(s) of files**

Inventory

Category	Title & Description	Date	Location	Extent	Format
		<ul style="list-style-type: none">● Dates covered in content● Date of digitization/ creation of digital files● Date of acquisition	<ul style="list-style-type: none">● Location of physical media● File location	<ul style="list-style-type: none">● Extent of physical record (if digitized)● Size and extent of file(s)	<ul style="list-style-type: none">● Format of files

**High
Priority**



**Low
Priority**

- **Born digital**
- **Digitized where there is no analog**
- **Digitized (add'l features & annotations)**
- **Digitized where there is an analog**
- **Objects preserved elsewhere**
- **Objects that don't fall within your mission**

High priority items may require

- **More copies of each file**
- **More storage in separate geographic locations**
- **More frequent fixity checks**
- **More robust monitoring for format obsolescence**

Break it Down

- **Divide & conquer**
- **Build expertise**
- **Start with
'low-hanging fruit'**

Advocacy & Collaboration

Identify



Collaborators

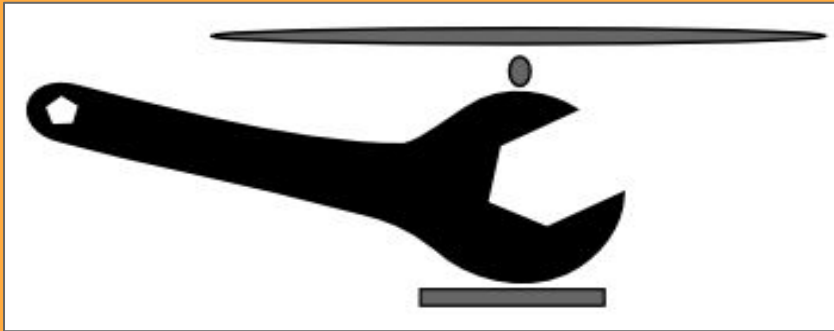
Small Change, Big Impact

- **Communicate effectively**
- **Update your mission's statement**

**DIGITAL
PRESERVATION
IS EXPENSIVE**

Doing the Work!
Tools & Costs

Finding the Right Tools



NDSA Levels of Preservation

- **Metadata**
- **File formats**
- **Fixity & data integrity**
- **Information security**
- **Storage and geographic location**

NDSA Levels of Preservation {+}



← **now with
added tools
& resources**



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Levels of Digital Preservation {+}

	Level 1	Level 2	Level 3	Level 4
Original Levels {File Format}	Encourage use of a limited set of known open formats and codecs	Inventory of file formats in use	Monitor file format obsolescence issues	Perform format migrations, emulation and similar activities as needed
Added Tools & Resources {File Format}	<u>PRONOM</u> <u>Sustainability of Digital Formats {LoC}</u>	<u>File Information Tool Set {FITS}</u> → Digital Preservation Policy should outline acceptable digital formats	<u>Guidance for Digital File Formats {NARA}</u> <u>PRONOM</u> <u>Sustainability of Digital Formats {LoC}</u>	<u>Migration Checklist {NDSA}</u>

**"Preservation
without access
is pointless"**

-The Committee For Film Preservation and Public Access

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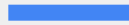
**Please
contribute!**

NDSA Levels + Tools and Resources

Level of Access for Digital Preservation

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Thanks



{Keep in touch!}

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