Planning for Digital Preservation at RTÉ Archives
Public expectation is that digital infrastructures are mature!
Programme Information:

- **Title**: Episodic 11 - Dublin Craft Collective / Next Wood Craft / Tweed Project
- **Series**: Nationwide
- **Episode**: Ep. 11
- **Duration**: 02:23:50
- **Input By**: (SRSUpdate)
- **Budget No.**: PPH6999
- **First TX Date**: 25 Jan 2019
- **First TX Time**: 19:00:56

Item Information:

- **Title**: Episodic 11 - Programme Information
- **Content**: Presented by Anne Caslin
  1. Opening Sequence
  2. Programme Preview: Anne Caslin
  3. In Anne Caslin with Introduction
  4. Report on Dublin Craft Collective - reporter Valerie Waters

Production Information:

- **Prod. Comp.**: RTE
- **Prod. Src.**: FM15
- **Language**: 81
- **Count. Orig.**: IRL
- **Category**: News & Current Affairs

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- **Sub. Lnk.**: Archive, Cork, Kinsale, 11 in House

Keywords:

- Crafts, Design, Dublin Craft Collective, Carving, Woodturning, Tweed, Naas, Killare, Galway, Dublin City, County Dublin, Carpentry, Carpenter, Killare, County Killare, County Galway, Designers, Jewellery, Fashion

Copyright:

- **Personnel**: MADELEINE BLAINE, PAUL SLATTERY, FILIP VANA, EMER ROBERTS, MIRIAM WADE, ALAID SMITH, VARIYA NAMGARGA, ANNE O'NEILL, ANGELA O'KEEFE, SINDEE MURPHY, JAMIE COOTE, CONOR PAY, SEAMUS CASSIDY

Report shows:

- G/A MADELEINE BLAINE at work by staircase
- SUPER "Report: Valerie Waters"
- G/A PAUL SLATTERY feeding baby ISLA MAY
- SUPER "Report: Valerie Waters"
- G/A MADELEINE BLAINE painting picture of woman
- G/A PAUL SLATTERY feeding baby ISLA MAY
- G/A interior of home
- G/A MADELEINE BLAINE taking baby ISLA MAY from PAUL SLATTERY
- G/A Notebook of drawings by Madeleine Blaine
- G/A Jewellery by Madeleine Blaine
- G/A MADELEINE BLAINE making jewellery
- STILL: Kaleidoscope on horseback in Mexico © unknown No reuse without clearance
- STILL: Kaleidoscope and dog © unknown No reuse without clearance
- IV/ MADELEINE BLAINE (shooting of husband Kaleidoscope)
- SUPER "Madeleine Blaine"
- G/A Jewellery by Madeleine Blaine
- G/A MADELEINE BLAINE walking through Dublin City to her shop the Collective on Drury Street
- IV/ MADELEINE BLAINE (his name on jewellery)
- G/A MADELEINE BLAINE walking into her shop
- G/A Jewellery in shop
- G/A Jewellery by Filip Vana
- G/A Jewellery by Filip Vana
- G/A Jewellery by Filip Vana

Powered by Scaffold
First Touchscreen Computer 1984
Introducing the world to the touch screen personal computer launching the Hewlett-Packard HP-150.

Screen Reader Technology 1989
Apple iPad 2010
Microsoft Tabletop Computer 2007

Soviet First Lady In Bunratty 1989
Raisa Gorbachev, the wife of President of the Soviet Union Mikhail Gorbachev, visits Bunratty Folk Park in County Clare.
Digital Preservation Project

- One Media Share
- RTÉ Financial Commitment to Digitisation
- Digital Preservation Training
- One Storage Platform
- Digitisation Projects
Digitisation Projects
Broadcasting Authority of Ireland (BAI) Grant scheme

New Partnerships

RTÉ Archives Review

Financial Commitment from RTÉ Board

Digitisation of RTÉ Archives
Current capacity of storage for all RTÉ systems is around 5PB

Within the next 10 years RTÉ needs to provide nearly 40PB of Digital storage
Lectures, debates, group exercises, practical work

Structure based on the OAIS reference model

Pre-ingest through to access and from SIP to DIP

Digital file formats; risks to longevity; fixity checks

Archival storage, preservation planning and policies

Migration; preservation metadata; standards

Hands on sessions using the command line, MeidaInfo, MediaConch, Exactly and FFmpeg
Digital Preservation Project

One Media Share

RTÉ Financial Commitment to Digitisation

Digitisation Projects

One Storage Platform

Digital Preservation Training
Current Situation

**Audio**
- Digital files since 1994
- Preservation File Format - BWF
- Using the Command Line Interface to create digital preservation workflows
- Starting to implement standards based workflows
- Creating and checking checksums
- Using tools such as Bagit; MediaInfo; Mediaconch; ffmpeg

**Audiovisual**
- Digital files since 2014
- Preservation file format not specified—currently digitising to broadcast format MXF IMX50
- Using production systems to manage and store digital files
- Creating checksums and doing manual tech checks
- Reliant on the IT department to create digitisation workflows
- Operations based workflows in place
How do we get from where we are to where we want to be?

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<th>Current Situation</th>
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How do we know we are doing it right?

- Core Trust Seal
- Nestor Seal for Trustworthy Digital Archives
- ISO 16363
Challenges

• Resources
• Education
• Data migrations – past and future
• No digital archive yet – we have to use existing infrastructure
Advice

• Relationships are vital
• Form partnerships with other organisations
• Document your requirements and your business needs and base your decisions on these, not on what another organisation is using or doing
• When choosing a preservation file format go for the highest quality that resources allow
• Tech watch is vital
• Learn about the Open Source movement
• Learn how to use the Command Line Interface
• Ask for help
• Don’t be afraid to make mistakes
• Just do it!