



### **Practical Tools for Digital Preservation: A Hack-a-thon**

27th-29th September, York As volumes and complexity of data grow, so digital preservation processes rely on increasingly automated tools and processes. But preservation actions are often specific to the workflows and functions of individual institutions. So, although our toolkit has grown significantly, the very particular demands of individual workflows create a subtle and stubborn gap between tools and their deployment. This frustrates archivists and curatorial staff who want to simplify and automate their processes; and it inhibits developers who seek to provide tools that are satisfying and dependable.

This 'hackathon' will bridge that gap by facilitating a closer relationship between individual developers and digital collection owners. It will provide a forum for practical problem solving. It will help collection owners to articulate their requirements in ways that developers can address; and will help developers respond more precisely to the needs of a community hungry for solutions.

This event follows the success of the 'AQuA' project mashup events (

<http://wiki.opf-labs.org/display/AQuA/Home>

) which developed solutions to automate quality assurance of digital collections. In a similar way it will bring together digital collection owners and technical experts to address validation issues and long term access to digital content. It provides an opportunity to contribute your experience, and also to learn from the diverse skills and backgrounds of the other participants.

### **Who should come?**

- Collection owners who can bring along samples of their problematic digital collections. You will be asked to give a short talk to provide an overview of the content and the known or potential issues to the group.
- Developers / technical experts who want to gain hands-on experience of applying digital preservation techniques to digital collections. You will be asked to give a short talk about your technical experience and interests.

We'll match up the collection owners with the technical experts to further discuss the issues before developing and applying preservation tools to meet your needs. We will run parallel workshops for collection owners to learn more about articulating requirements and creating concrete use cases to feed into tool development.

### **Registration is now closed**

Registration includes the costs of lunches and refreshments during the day and conference dinner on Tuesday 27th September. Accommodation is not being provided for this event. The event is being held in the [Science Park in the University of York's campus at Heslington](#), around two miles from the city centre. We are looking into accommodation in University Halls of Residence which are close to the venue and will update the registration page should details become available. In the meantime, a list of hotels and guest houses in the York area is available online at:

<http://www.visityork.org/accommodation/>

### Payment methods

N.B. THE DPC/OPF DOES NOT ISSUE INVOICES FOR EVENTS and cannot process card payments.

1. Preferred method of payment is by BACS electronic transfer to; Open Planets Foundation, 39 Threadneedle Street, London, EC2R 8AU Sort Code: 30-00-09 Account number: 00700120 **N.B. YOU MUST REFERENCE THE TRANSFER WITH "YOUR NAME**

#### **York\_Hackathon**

" If you do not reference your payment in this way we will be unable to trace and confirm your payment and place.

2. A cheque written out to 'Open Planets Foundation'. Please post to Open Planets Foundation, c/o The British Library, Boston Spa, Wetherby, West Yorkshire, LS23 7BQ. If you wish to pay in Euro, please contact Rebecca for the exchange rate and Euro bank account details.

3. For payment in CASH on the day - please email written confirmation to [rebecca@openplanetsfoundation.org](mailto:rebecca@openplanetsfoundation.org) that you wish to pay on the day.

### Provisional Programme

<b>DAY 1: Tuesday 27 September</b>
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<b>Time</b>
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**Facilitator**

**Practitioners sessions**

**Developers sessions**

10.00 – 10.30

Coffee and registration

10.30 – 11.00

BvdW

Welcome, introductions, housekeeping, overview of aims, sessions & structure (wiki and github)

11.00 – 11.30

WK

Introduction to collection issues and articulating requirements

11.30 – 12.30

All CO

All Dev

Collection owners presentations: outline content and issues

Developers presentations: interests and technologies

12.30 – 13.15

Lunch

13.15 – 14.00

Pair/Group CO & Devs: discuss collection issues in further detail, record on flipcharts and feedback to the

14.00 – 14.30

BvdW

Creating requirements and use cases

Brainstorming (tools)

Hacking

14.30 – 15.30

BvdW, KA, WK

Break out groups: requirements and use case workshops

15.30 – 15.45

Coffee break

15.45 – 16.00

BvdW, KA, WK

Write-up session: populate wiki with collections outlines, issues and requirements

Hacking

16.00 – 16.15

Check in: CO and Devs to refocus hacking

16.15 – 16.45

Devs and COs feedback to the group

19.00

Dinner

**DAY 2: Wednesday 28 September**

09.00 – 09.15

Coffee

09.15 – 09.45

Check in: CO and Dev. Document on wiki

09.45 – 10.45

AJ

Planets one year on: OPF and SCAPE

Hacking

10.45 – 11.00

Coffee

11.00 – 12.15

TBC

Plato demo and requirements sessions

Hacking

12.15 – 13.15

Lunch

13.15 – 14.30

TBC

Fido demo and requirements sessions

Hacking

14.30 – 15.30

TBC

(Taverna/Curators Workbench?) demo and requirements session



15.30 – 15.45

Coffee

15.45 – 16.15

Check in: CO and Dev, continue write-up on wiki

16.15 – 16.45

Devs feedback to the group

16.45 – 17.30

Dev hacking

Evening

Hackathon: check availability of student accommodation/common room/wiki etc.

**DAY 3: Thursday 29 September**

09.00 – 09.15

Coffee

09.15 – 10.30

Check in and write-ups: CO and Devs

10.30 – 10.45

Coffee

10.45 – 12.15

Widget wish-list

Hacking

12.15 – 13.15

Lunch

13.15 – 14.15

Training / demo session??

Hacking

14.15 – 15.00

Check in: CO and Dev

15.00 – 15.15

Coffee

15.15 – 16.00

Evaluation and awards

Tuesday evening dinner will be held at the Italian fine dining restaurant [LE LANGHE](#), York.

### Following the event on Twitter

Participants will be encouraged to tweet using the #dp\_hackathon hashtag to create a live twitter feed from the event.