XML UK are pleased to announce their next workshop…

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Scalable Vector Graphics (SVG) – A Hands-on Introduction

Thursday 21st March 2002
School of Computing and Mathematical Sciences
Wheatley Campus
Oxford Brookes University
Oxford, UK
Sponsored by **W3C Office in the UK**
Organised by **RivCom**

David Duce http://wwwcms.brookes.ac.uk/~p0072753/daduce.htm
Bob Hopgood http://www.w3.org/People/frah/

09:00 – 10:00	registration & coffee
10:00 – 10:30	**Introduction**
10:30 – 11:15	**Primitives and the <object> tag (inc. practical session)**
11:15 – 11:45	coffee
11:45 – 13:00	**Main attributes (inc. practical session)**
13:00 – 14:00	lunch
14:00 – 15:00	**Grouping and transformations (inc. practical session)**
15:00 – 15:30	tea
15:30 – 16:30	**Animation functionality (inc. practical session)**
16:30 – 17:00	**Further functionality and future developments – closing discussion**
17:00	close

Scalable Vector Graphics

SVG (Scalable Vector Graphics) is the recently released **W3C** Recommendation for 2D vector graphics. It is a non-proprietary vector standard that offers significant new functionality: JavaScript interactivity, CSS stylesheet compliance, fully text-searchable. Moreover, as fully-compliant XML, it may be processed, validated and transformed in the same way as any other XML document. It is now attracting considerable commercial interest and is set to change the way that 2D graphics are delivered on the web.

Workshop

The day is designed to give attendees a hands-on introduction to SVG. There will be short introductory sessions on each aspect of SVG covered, followed by hands-on sessions with delegates working on PCs. Attendees will receive copies of a short Primer on SVG in addition to a workbook for the practical sessions.

Most, but not all, delegates will have sole use of a PC. A small number of delegates may be asked to share a PC with one other person. Because of the nature of this workshop, the number of attendees is **STRICTLY LIMITED**. We expect places to fill quickly – so early booking is **STRONGLY ADVISED**.

Oxford Brookes University

The School of Computing and Mathematical Sciences is on the Wheatley Campus of Oxford Brookes University. There is an infrequent bus service (details on request) and taxis from the station cost about £15. Oxford is about 60 mins from London both by train and by car and has good links to Heathrow and Gatwick airports. Wheatley is about 5 miles outside Oxford, on the London side of the city and is easily reached from the A40. Full details from http://www.xmluk.org.

Registration: £80/£55/£30
http://www.xmluk.org

Scalable Vector Graphics

The vast majority of graphics on the web today are raster graphics. However, raster graphics suffer from a number of limitations: it is difficult to link to portions of the image, one cannot search the content of the image, raster graphics are unable to use the web's styling mechanisms, and the images themselves cannot be panned or zoomed.

Vector graphics do not suffer from the same shortcomings, and recent work within the **World Wide Web Consortium** (W3C) has resulted in the W3C Recommendation for 2D vector graphics, **Scalable Vector Graphics** (SVG). Unlike raster graphics, SVG allows the user to:

- link to portions of the image
- search the content of the image
- control the image using the web's styling mechanisms (CSS)
- zoom and pan the image.

Moreover, unlike previous vector formats, SVG is fully-compliant XML and so may be processed, validated and transformed in the same way as any other XML document. It is now attracting considerable commercial interest and is set to change the way that 2D graphics are delivered on the web.

This short course will give an introduction to the key concepts and functionality in SVG. The course includes hands-on sessions, which will give attendees an opportunity to construct simple SVG graphics with animated behaviours.

The course assumes no previous knowledge of SVG – but some familiarity with the basic notions of XML will be assumed, as well as a basic understanding of computer graphics (for example the general concepts of coordinate systems and primitives). For the practical sessions, familiarity with any text editor will suffice. Attendees will receive copies of a short Primer on SVG in addition to a workbook for the practical sessions.

Workshop tutors

David Duce

School of Computing and Mathematical Sciences, Oxford Brookes University
http://wwwcms.brookes.ac.uk/

David Duce http://wwwcms.brookes.ac.uk/~p0072753/daduce.htm has been involved in computer graphics for some 25 years. He contributed to the development of the ISO/IEC standards, GKS and PHIGS, and more recently has contributed to the development of the Scalable Vector Graphics (SVG) Recommendation in W3C. He is Professor of Computer Science at Oxford Brookes University and Course Tutor for the MSc course in Web Technologies.

Bob Hopgood

School of Computing and Mathematical Sciences, Oxford Brookes University
http://wwwcms.brookes.ac.uk/

Bob Hopgood http://www.w3.org/People/frah/ has been involved with computer graphics since 1959. He was a member of the BSI Standards Committee that defined the set of ISO graphics standards in the 1970s and 80s.He has been involved with the World Wide Web for many years being the Rutherford Appleton Laboratory's W3C Advisory Committee member starting in 1994. While at RAL he worked closely with W3C in establishing the W3C European Offices. He then worked for W3C as Head of Offices worldwide. He has been a member of the W3C Working Group on graphics standards that developed PNG, WebCGM and SVG.

BOOKING FORM & PRO FORMA INVOICE
XML UK – 'SVG – a Hands-on Introduction' workshop 21 March 2002
Please complete this form in BLOCK CAPITALS and return with cheque in payment, or fax with Remittance Advice to:

**Yvonne Vine, Copse House, 15 Upton Close, Swindon, Wilts SN25 4UL
Email:** admin@xmluk.org   **Tel: +44 (0)1793 721106   Fax: +44 (0)1793 721106**

SO THAT USER ACCOUNTS CAN BE SET UP ON THE COMPUTERS, ALL REGISTRATIONS MUST BE RECEIVED BY 5.30 PM ON TUESDAY 12TH MARCH, 2002.

Company:	
Address:	

Telephone:	Fax:	
Email:		

DELEGATES AND SPECIAL REQUIREMENTS (please enter names)

1.		Requires a vegetarian meal at lunch Requires a parking space (per car)	☐ ☐
2.		Requires a vegetarian meal at lunch Requires a parking space (per car)	☐ ☐
3.		Requires a vegetarian meal at lunch Requires a parking space (per car)	☐ ☐
4.		Requires a vegetarian meal at lunch Requires a parking space (per car)	☐ ☐

PAYMENT DETAILS
(please enter number of delegates in appropriate categories and amount remitted)

Number of Delegates	Category and fee		£ Total
	XML UK Member (max 2)	£30	£
	EPSG Member (max 2)	£30	£
	Additional XML UK or EPSG Corporate Member	£55	£
	Neither XML UK nor EPSG Member	£80	£
	Total delegates	**Amount payable**	£

XML UK Membership fees: £50 individual/£100 corporate. Contact Yvonne Vine above for details.

NOTE: Bookings will not be accepted unless accompanied by payment. Terms and conditions overleaf.

Please treat this form as a pro forma invoice.
Cheques to be made payable to "XML UK". Receipts will be issued on request.

To make payment via BACS/Swift please use following bank details:
Bank: National Westminster Bank plc, Lambeth North Branch, POBox 7929, 91 Westminster Bridge Road, London SE1 7ZB
Sort Code: 60-60-04
Account: 13229931
Account Name: XML UK

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Registration Details

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To register, please complete the booking form and send it together <u>with</u> payment (or fax with remittance advice if paying by bacs/swift) to the XML UK administrator, Mrs Yvonne Vine, at the address below.
The fee includes lunch, refreshments and handout.

If registering more than four delegates, please complete additional copies of the form for additional delegates.

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Terms and Conditions of Booking

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CONFIRMATION: Written confirmation will be forwarded together with joining instructions directly to the delegates unless otherwise specified. We regret that we are unable to accept or confirm bookings over the telephone.

CANCELLATION: If a booking is cancelled within 10 working days of the event we reserve the right to deduct our costs from the refund. NO REFUNDS can be given to delegates cancelling within two working days of the event or through failure to attend. Substitute delegates are welcome at no extra charge (provided that notification is received within two working days of the event. Please confirm cancellations in writing or by fax.

LIABILITY: The event organisers will not accept any responsibility for damage to property or injury to persons during the entire event.

NOTE: It may be necessary for reasons beyond our control to change the content or timing for the programme, the speakers or the venue. Every effort will be made to avoid changes and to provide appropriate substitutions if necessary.

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XML UK Administrator: Mrs Yvonne Vine
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