



## welcome

Welcome to the fourth issue of our occasional newsletter. A new version of intraLibrary has just been released and this issue gives you all the details. We would welcome feedback on the newsletter so please get in touch. If you know people who would like to receive the newsletter they can sign up at <http://www.intrallect.com/news/newsletter.htm> where this and previous issues can also be found.



**Sheena McLeod**  
Sales Executive

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## intraLibrary helps preserve BBC "Jam"

When the BBC recognised it needed a content management system to support its "Jam" initiative, it reviewed several possible solutions and chose intraLibrary from Intrallect. The BBC and its technology partner, Siemens Business Services, chose Intrallect because of its well-developed software and its strong support for international standards in e-learning. Siemens Business Services provided the implementation project management and the infrastructure and is also currently doing 1st / 2nd line technical support.

The BBC is investing £150M in its Jam initiative, to provide learner-centred, curriculum-based content that will be free and accessible to all pupils, teachers

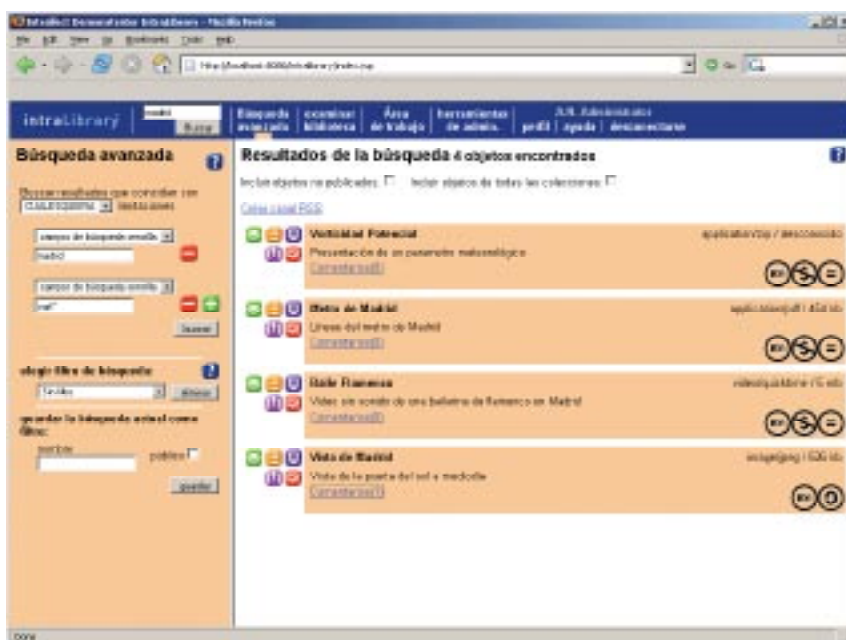
and parents. The online materials will be used in the classroom, at home, and at community learning centres throughout the UK. The material is being developed in a series of "commissions", eventually covering up to half of the UK curriculum.

BBC Jam is managing its content commissions, using Intrallect intraLibrary's highly-configurable workflow system. The BBC team have implemented workflows to test, review and publish learning objects delivered by both independent and internal production teams. IntraLibrary's strong support for standards for educational content, such as SCORM 2004, will help the team trace, view and re-use packages of content, in whole or in part.

## ¡hola intraLibrary 2.7!

The latest version of intraLibrary (2.7, described in more detail inside) is now internationalised. Each user can choose the language they prefer for the

interface – initially with a choice of English and Spanish but other languages can be included (please contact [enquiries@intrallect.com](mailto:enquiries@intrallect.com) for details).



The Spanish version of intraLibrary

# IVINURS has intraLibrary at its heart

The world's first international, collaborative virtual nursing school, IVINURS, has chosen Intrallect to provide the core technology for managing its digital learning resources.

At the present time the IVINURS membership is comprised of university schools of nursing from around the world, and aims to provide high quality nursing education at all levels, and other educational services, through web-based learning methods.

A key part of the service will be building a central library of digital learning objects which will be easily accessible for sharing and reuse by all the member organisations via the web. To organise and manage these objects IVINURS has selected intraLibrary, the leading Learning Object Management System (LOMS) from Intrallect. The program has become the system of choice for universities and academic institutions worldwide. The software makes it easy for users to manage, organise and find appropriate learning objects which can then be used as part of courses and virtual learning programmes. IVINURS intends to build a substantial library of digital resources which will help its members, including those in developing countries, to benefit from the best nursing and healthcare education and practice worldwide.

"We have been piloting intraLibrary for the past year to ensure it meets the needs of our members," said Linda Malek, IVINURS project manager. "I am pleased to say that the software has passed all the tests with flying colours and we will be using intraLibrary going forward to build our digital repository. Intrallect has worked closely with us to ensure the software could be adapted to

meet the needs of all our members."

Charles Duncan, CEO, Intrallect commented:

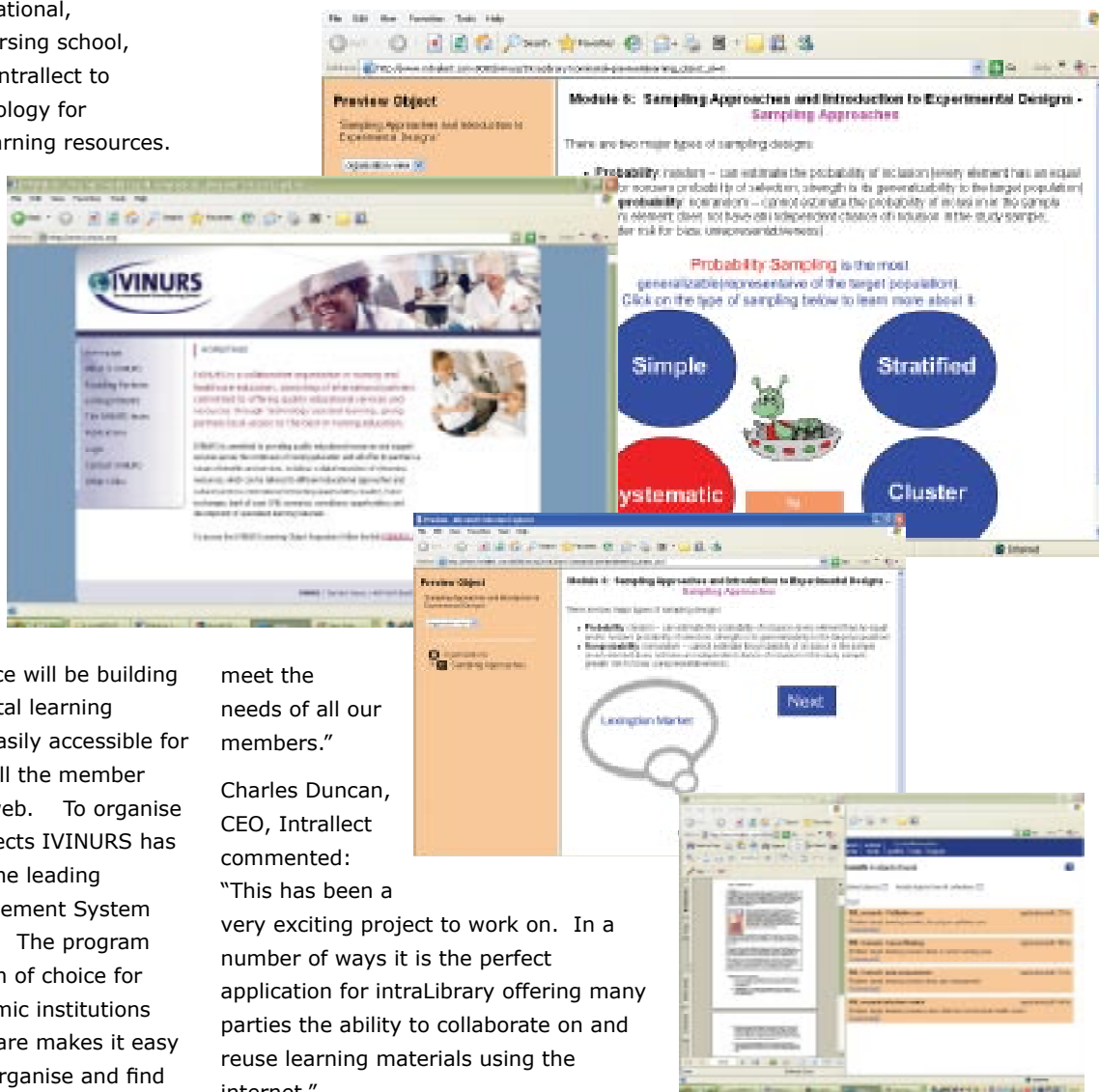
"This has been a very exciting project to work on. In a number of ways it is the perfect application for intraLibrary offering many parties the ability to collaborate on and reuse learning materials using the internet."

For further information about IVINURS please visit <http://www.ivinurs.org>

## intrallect continues to be active in open standards

Intrallect's Product Director, Martin Morrey has been made the co-chair of a new IMS Special Interest Group (SIG) focusing on service-based interoperability for learning object repositories (LORs). There is currently no standard way to integrate an LOR into a Service Orientated Architecture (SOA). This is holding back the potential for integrating LORs with others solutions, including VLE/LMS systems and content

authoring tools. The new IMS SIG will address this issue, reviewing existing specifications in this area, and building on these to define an end-to-end solution. Intrallect has already been collaborating with other repository developers to define a deposit web-service for digital repositories. This work will be an input into the IMS SIG, along with other specs, such as the OKI Repository OSID.



Screenshots courtesy of the IVINURS team

# intraLibrary moves up a gear with version 2.7

The latest version of intraLibrary (2.7) is now available. Here is an overview of just some of the new features.

## Collections

Collections contain sets of material with common attributes. They might be from a common source, have a common media type, or have particular restrictions on their use. A collection is, in many ways, a "sub-repository", and several attributes that were previously managed at repository level are now managed at collection level.

There can be many reasons why an organisation running a learning object repository may need to manage different collections of learning objects separately. For example:

- **Privacy:** A university or college may need to limit access to a certain set of objects, such as medical case-studies, to certain schools, such as medicine, nursing and social care.
- **Cost:** Only certain groups of users may be licensed to see materials supplied by a particular publisher or project.
- **Usage Constraints:** Learning materials may have been released on the condition

that they are used only in certain contexts. For example, only the sixth form pupils in an LEA's schools might be entitled to use NLN materials.

- **Management:** An organisation might want to restrict the access to certain "raw" resources, such as .fla files or XML source files to content-development teams only.
- **Secrecy:** A military training college may have materials that are restricted for use only by groups of trainees with a high level of security clearance.
- **Control:** An institution may have some material they are happy to make public, and expose the relevant records for external searches and harvesting, but want to hold others back for local use only.

IntraLibrary's collections capability makes all of these possible. Each collection may have its own community licence model, its own metadata application profile and its own browse taxonomies. It is also possible to set access permission for a collection to allow specific groups of users to search in the collection, view the metadata, preview objects, download objects or

make contributions to the collection. In addition, search access from external services can be enabled or restricted on a collection by collection basis.

## RSS news feeds

You don't have time to check your repository to see what is available. You know the topics that interest and you would like to be kept informed about what is available on those topics. If these statements apply to you then intraLibrary's RSS news feeds will save you time and effort. Next time you use intraLibrary to generate a search query or browse through a topic taxonomy just click on the RSS button and you can create a news feed to use in your RSS viewer. Then you will be alerted each time a new learning object is available that matches your query or topic.

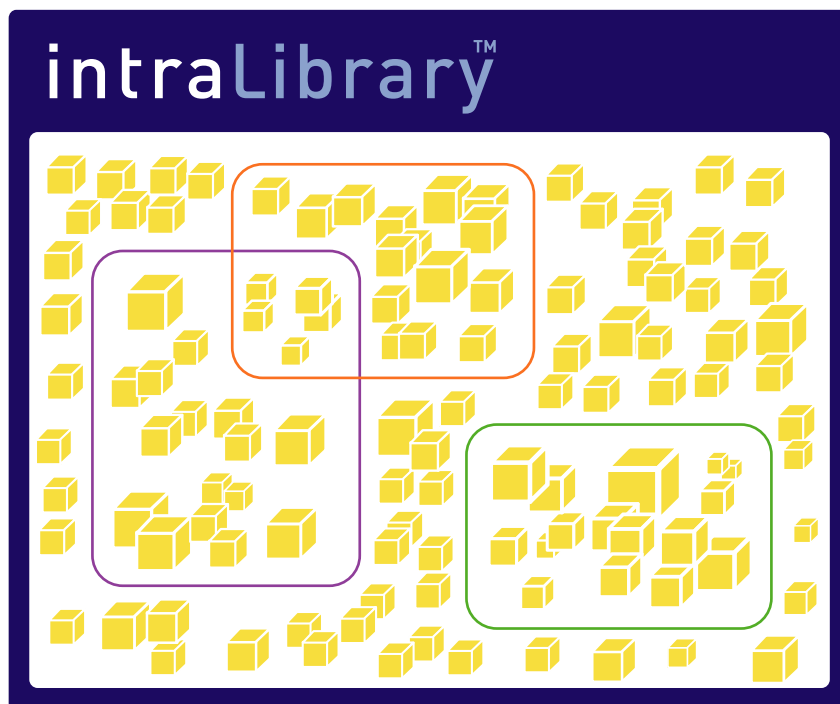
## Multi-lingual interface

Now each user of intraLibrary can choose the language of the interface. At the moment the choice is either English or Spanish but intraLibrary has been fully internationalised so that other languages can be easily added (screenshot on p1).

## Web Services

IntraLibrary now has an SRW Search and Retrieve Web Services interface to add to the other machine-to-machine interfaces. This allows other systems to search for metadata and retrieve objects from intraLibrary. Intrallect, as always, uses open standards whenever possible. SRW is a companion protocol to SRU, a standard search protocol for Internet search queries, utilizing CQL (Common Query Language), a standard query syntax for representing queries. The Library of Congress serves as the maintenance agency for these standards.

The full list of intraLibrary features is available on the Intrallect web site at [http://www.intrallect.com/support/intralibrary/v2p7/intralibrary\\_v2p7\\_features.pdf](http://www.intrallect.com/support/intralibrary/v2p7/intralibrary_v2p7_features.pdf)



## expansion is the way ahead for intrallect

Intrallect's continuing success as the leading learning object repository provider means that the company is experiencing a period of substantial and unprecedented growth.

"A combination of factors including increased interest in the company's flagship learning object repository intraLibrary means we are having to resource appropriately to meet the needs of existing and prospective new clients," explains Charles Duncan. "We are also looking to expand our presence in other geographical markets through a combination of direct and indirect sales channels."

As part of the strategy Intrallect will double the number of staff employed over the next couple of months with key appointments in sales and marketing, development and operations. The company will also relocate to a new, larger head office.

### Direct Sales Appointment Paying Dividends

Intrallect is pleased to welcome Sheena McLeod on board to boost the company.

Sheena (see the front cover for photo) joined Intrallect in April 2006 as Sales Executive and brings a wealth of sales and business development experience having held a variety of key sales and administrative roles within leading industrial and technology companies over the past 17 years.

"We are delighted to welcome Sheena on board. The company is entering a phase of substantial growth both in the UK and overseas and her solid sales experience will be invaluable in capitalising on new business opportunities," said Charles Duncan, CEO, Intrallect.

Sheena's focus will be to increase the penetration of intraLibrary in the learning and education sectors through developing direct relationships with key clients in the UK market.

Recent new clients for Intrallect are

(University of Ulster and IVIMEDS) which build on an impressive existing client base including JORUM, the BBC and IVINURS.

### Partnerships Central to Future Growth

Whilst direct sales are a key strand of Intrallect's development strategy, particularly in the UK, developing partnerships is also vital to the future success of the company. Not only in terms of driving the development of Intrallect itself but perhaps more importantly as a means to create additional added value for the client base.

Martin Morrey, Product Director at Intrallect explains "For many of our clients, one of the key success factors in selecting a learning object repository is leveraging the investment they have already made in existing infrastructure such as VLE's and library systems. IntraLibrary was specifically developed with interoperability in mind and we are continually working with other best-in-class suppliers to provide fully integrated solutions."

Intrallect works with a range of partners in this respect and recent activity includes projects with Its Learning (Norway), Talis (UK), WebCT (US) and Altnet (Canada).

"These high calibre partnerships are particularly important for the development of the business, especially outside the UK," Morrey adds. "We will

continue to source and develop them wherever we feel collaboration is in the best interest of our clients".

### Intrallect Gets a New Home

The increased level of activity and expanding staff numbers at Intrallect over the past 6 months means that Intrallect has effectively outgrown its current office base.

In September 2006 Intrallect moves into new Head Office premises which effectively triples the amount of floorspace available and will provide a home to the company's rapidly growing sales and marketing, development and operations teams.

Peter Douglas, Head of Operations said "With our head count doubling over the next few months the move is part of a wider business strategy that will allow us to work more effectively as a team and in particular to continue to improve the high level of service we already provide our growing client base."

The new Intrallect office is still in Linlithgow but the new address is:

Intrallect Ltd  
Regent House  
Blackness Road  
Linlithgow  
EH49 7HU  
Scotland

The phone number remains the same:  
+44 870 234 3933

## events

### 5-7 September 2006 ALT-C Edinburgh

Please visit our stand (#10) at ALT-C this year. We will be demonstrating intraLibrary 2.7 and, as well as seeing the usual faces, you will get to meet Sheena for the first time.

### 29 Nov - 1 Dec 2006 Online Educa Berlin

After the success of last year we will be returning to Online Educa Berlin, Europe's biggest e-learning event. Please come and visit our stand for the usual informative chat and demos.