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Where and How to Find IMS Information (2014 Edition)

Nancy Stein
IBM – IMS Advanced Technical Sales Support

Wednesday, March 12, 2014
Session #14785

www.SHARE.org

SHARE in Anaheim

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Agenda

- **IMS Information Resources**
  - IBM IMS - Wikipedia
  - IMS Home Page
  - IMS Redbooks
  - IMS Newsletter
  - IMS Tech Docs
  - IMS User Groups
  - IMS Searches on Google
  - IMS-L LISTSERV
  - IMS on developerWorks
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  - IMS on LinkedIn
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  - IMS App in Apple Store
  - SHARE Organization
  - Guide SHARE Europe/Nordics
  - IBM 2014 Technical Conferences
  - IBM RFE process
  - IBM ServiceLink
  - IBM Online IM Info Center
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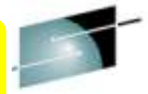
IBM IMS Wikipedia

http://en.wikipedia.org/wiki/IBM_Information_Management_System



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IBM Information Management System

From Wikipedia, the free encyclopedia

IBM **Information Management System** (**IMS**) is a joint hierarchical database and information management system with extensive transaction processing capabilities.

Contents [hide]

1 History
2 Database
  2.1 "Full function" databases
  2.2 "Fast path" databases
  2.3 High Availability Large Databases (HALDBs)
3 Transaction Manager
4 Application
5 See also
6 External links
7 References

History [edit]

IBM designed IMS with Rockwell and Caterpillar starting in 1966 for the Apollo program, where it was used to inventory the very large bill of materials (BOM) for the Saturn V moon rocket and Apollo space vehicle.

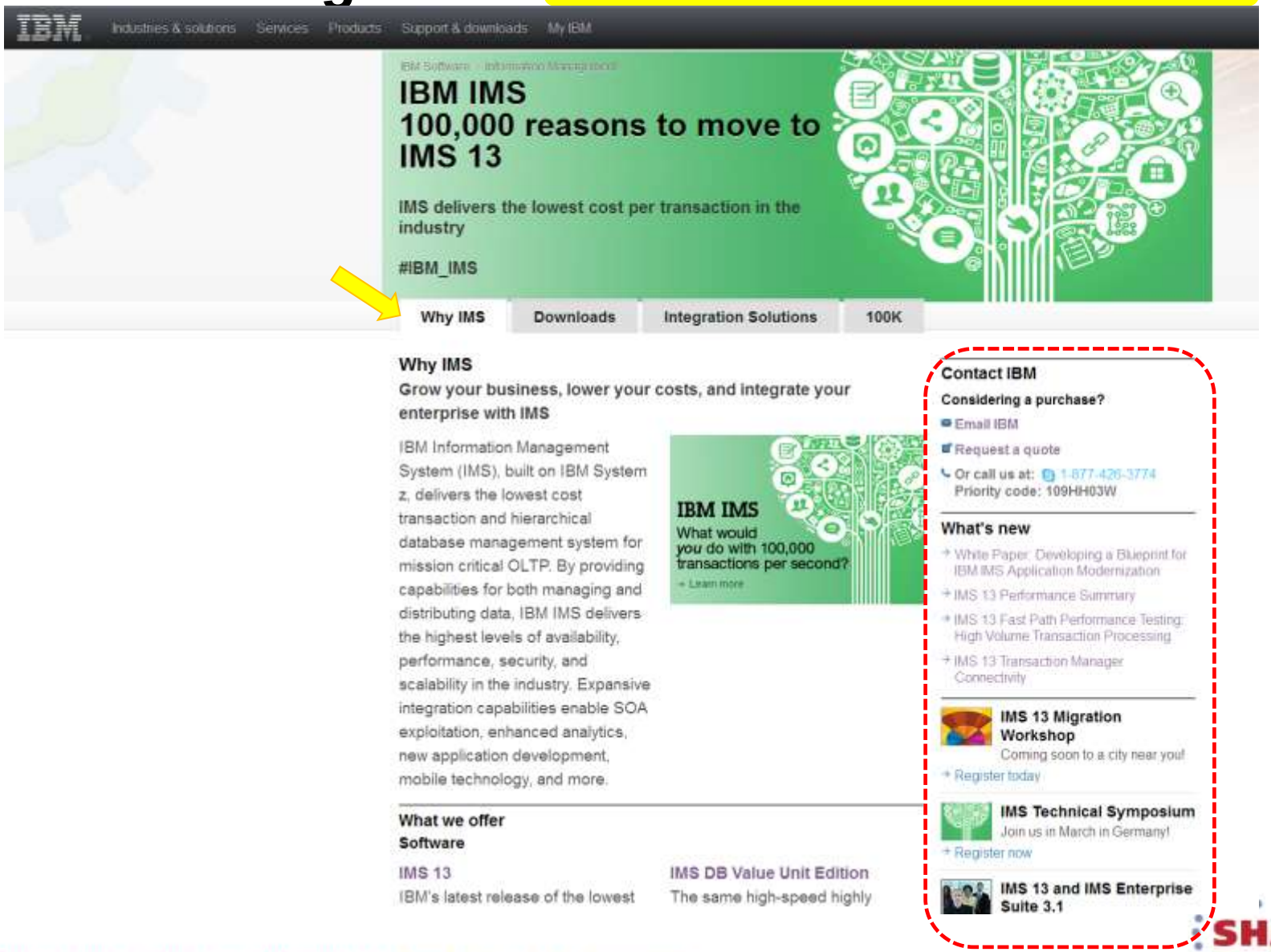
The first "IMS READY" message appeared on an IBM 2740 terminal in Downey, California, on 14 August 1968.[*citation needed*] In the interim period, IMS has undergone many developments as IBM System/360 technology evolved into the current z/OS and System z9 and z10 technologies. For example, IMS now supports the Java programming language, JDBC, XML, and, since late 2005, web services.

Vern Watts was IMS's chief architect for many years. Watts joined IBM in 1956 and worked at IBM's Silicon Valley development labs until his death on April 4, 2009.[1] He had continuously worked on IMS since the 1960s.[2]

Database [edit]

IMS Home Page

http://www.ibm.com/ims



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- 4 Tabs
  - Why IMS
  - Downloads
  - Integration Solutions
  - 100K
- “Why IMS”
  - Grow your business, lower your costs, and integrate your enterprise with IMS
- “What we offer: Software”

IMS 13	IMS DB Value Unit Edition
IMS 12	IMS Enterprise Suite
IMS 11	IMS Tools
	IMS Tools Solution Packs

- Right-side Column

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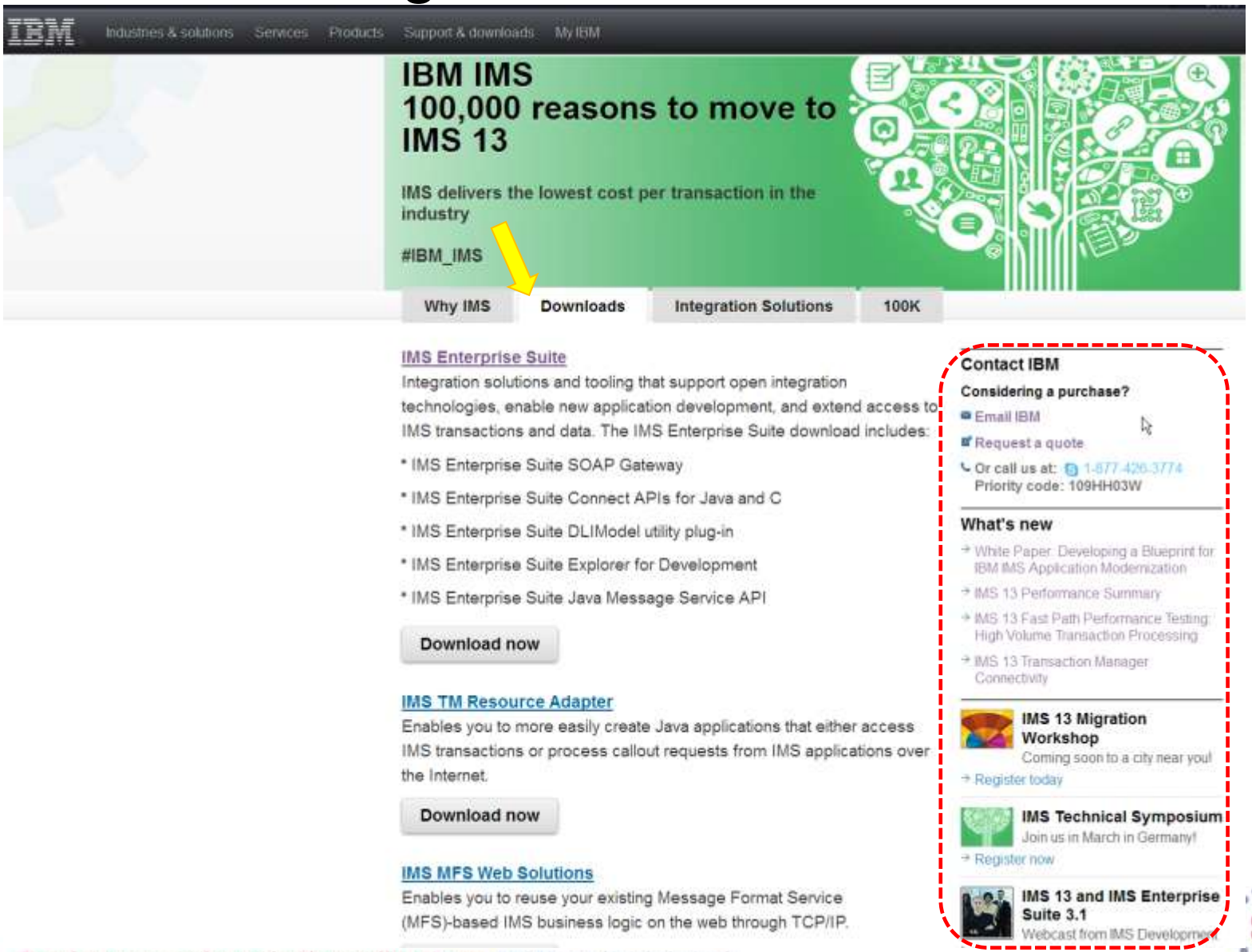

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IMS Home Page – Downloads Tab

- "IMS Enterprise Suite"
  - IMS Enterprise Suite SOAP Gateway
  - IMS Enterprise Suite Connect APIs for Java and C
  - IMS Enterprise Suite DLIModel utility plug-in
  - IMS Enterprise Suite Explorer for Development
  - IMS Enterprise Suite Java Message Service API

- "IMS TM Resource Adapter"
  - Enables you to more easily create Java applications that either access IMS transactions or process callout requests from IMS applications over the Internet
- "IMS MFS Web Solutions"
  - Enables you to reuse your existing Message Format Service based IMS business logic on the web through TCP/IP
- Right-side Column

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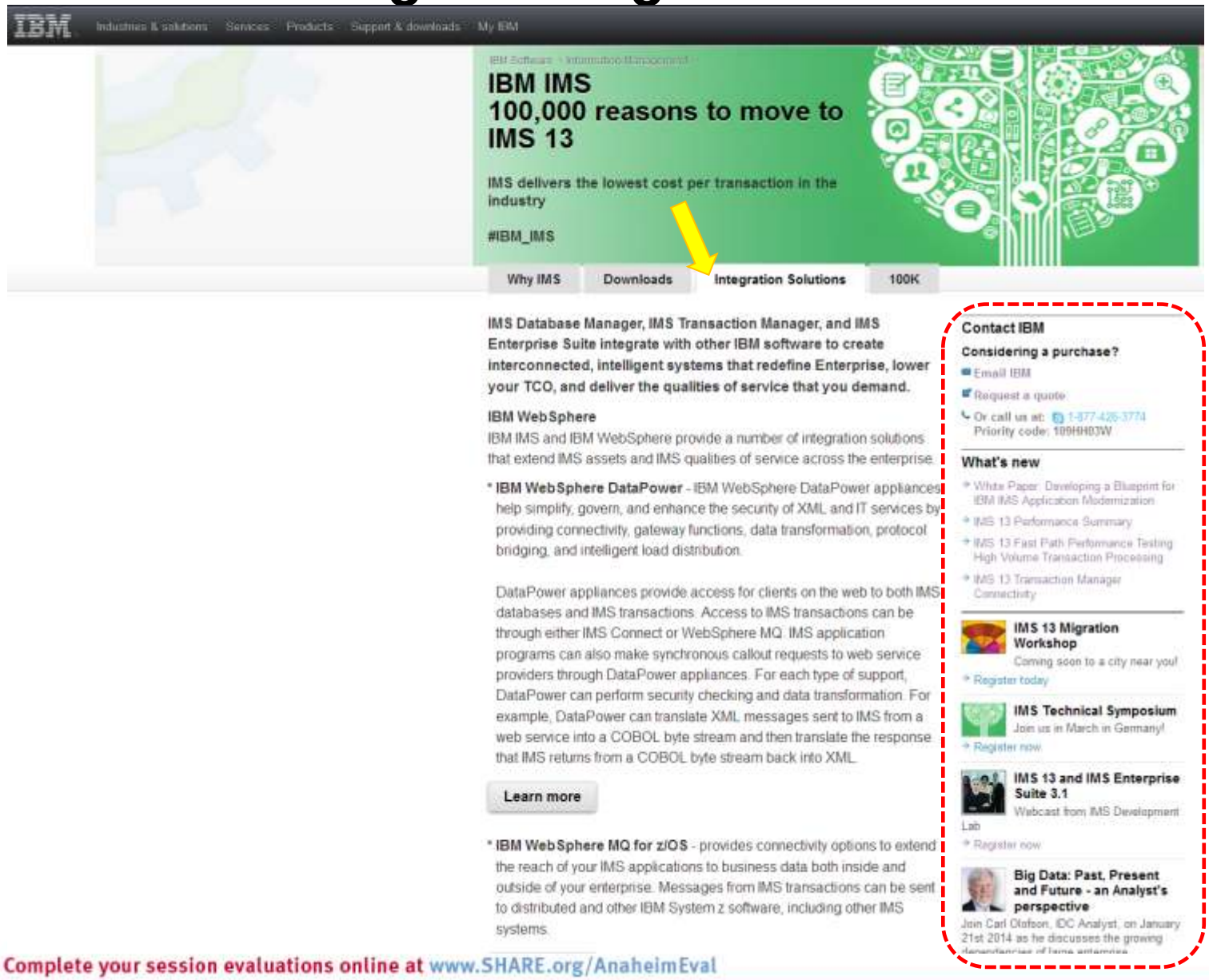

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IMS Home Page – Integration Solutions Tab

- IMS Database Manager, IMS Transaction Manager, and IMS Enterprise Suite integrate with other IBM software to create interconnected, intelligent systems that redefine Enterprise, lower your TCO, and deliver the qualities of service that you demand.
- "IBM WebSphere" – Learn more
  - IBM WebSphere DataPower
  - IBM WebSphere MQ for z/OS
  - IBM WebSphere Application Servers
  - IBM WebSphere Enterprise Service Bus for z/OS
  - IBM WebSphere Message Broker
  - IBM WebSphere Transformation Extender for Integration Servers
- "IBM Cognos Business Intelligence" – Learn more
- "IBM InfoSphere" – Learn more
  - IBM InfoSphere Guardium Data Encryption for DB2 and IMS Database
  - IBM InfoSphere Optim Test Data Management Solution for z/OS
  - IBM InfoSphere Information Server Family
  - IBM InfoSphere Classic Federation Server for z/OS
  - IBM InfoSphere Classic Replication Server for z/OS
  - IBM InfoSphere Classic Data Event Publisher for z/OS
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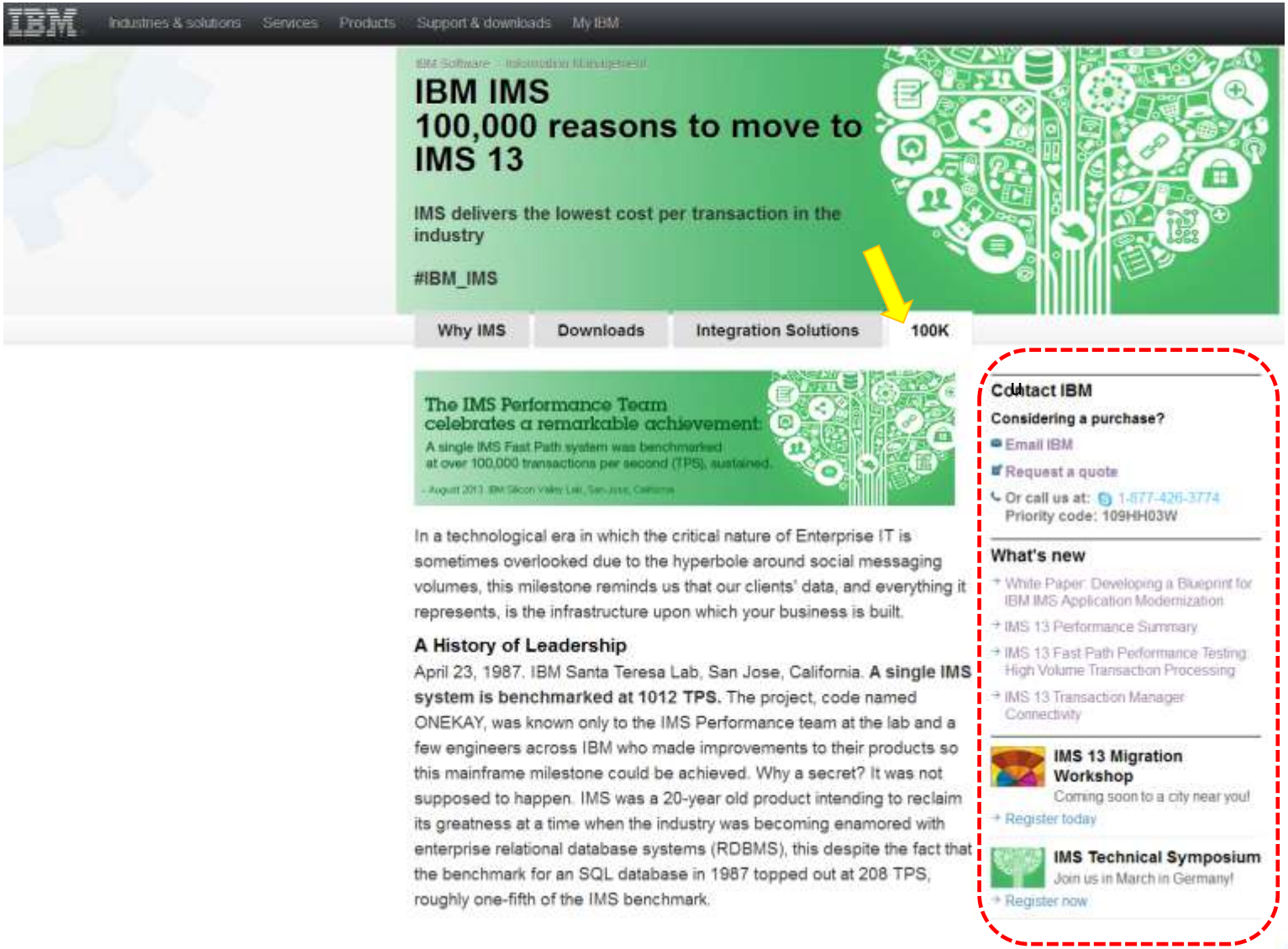

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IMS Home Page – 100K

- 100,000 reasons to move to IMS 13
  - IMS delivers the lowest cost per transaction in the industry
- The IMS Performance Team
  - A single IMS Fast Path system was benchmarked at over 100,000 TPS, sustained
- A History of Leadership
- Perspective, Hindsight, and What's Next for IMS
- Right-side Column … see next slide

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What's new

- White Paper: Developing a Blueprint for IBM IMS Application Modernization
- IMS 13 Performance Summary
- IMS 13 Fast Path Performance Testing: High Volume Transaction Processing
- IMS 13 Transaction Manager Connectivity

IMS 13 Migration Workshop

Coming soon to a city near you!

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Join us in March in Germany!

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IMS 13 and IMS Enterprise Suite 3.1

Webcast from IMS Development Lab

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IBM's IMS — Myths, Realities, and Opportunities

- Download the report (630KB)

Communities

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- ReThinkIMS
- IMS User Groups

IMS Resources

- Analyst reports
- Data sheets
- Hands-on labs for System z®
- IBM Data Management magazine (Link resides outside of ibm.com)
- IMS Best practices portal
- IMS newsletter
- IMS exchange
- Product documentation
- Redbooks (technical guides)
- White papers

IMS family links

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- Success stories
- Events
- Training and certification
- Services
- Support

Related links & software

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- Developers
- System z
- Software Support Lifecycle
- CICS
- COBOL Compilers
- DB2 for z/OS
- Enterprise Modernization Sandbox
- IMS Tools
- PD Tools
- PL/I Compilers
- Rational Developer for System z
- Tivoli OMEGAMON XE

Featured webcasts

- IMS Diagnosis using Log Records
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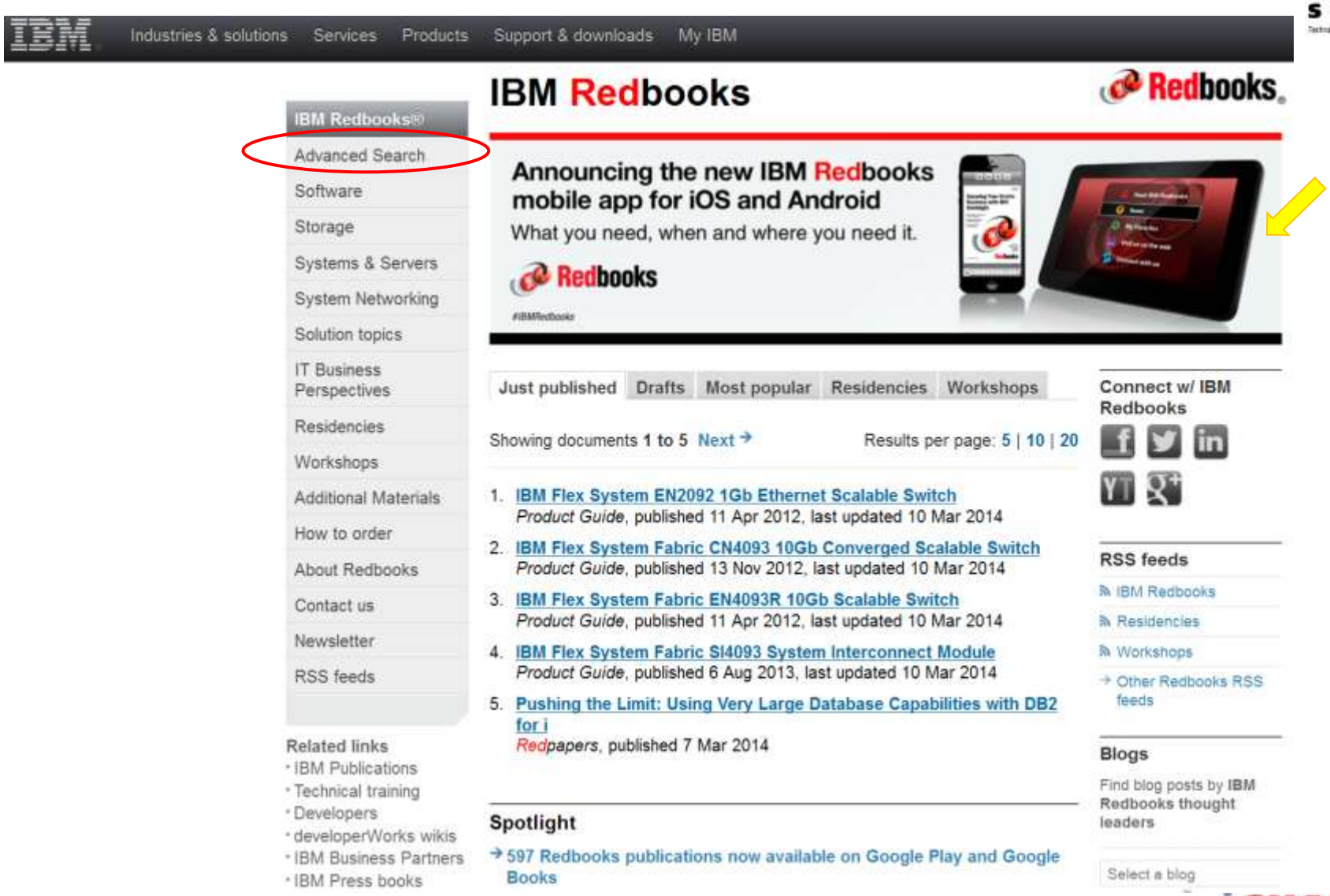

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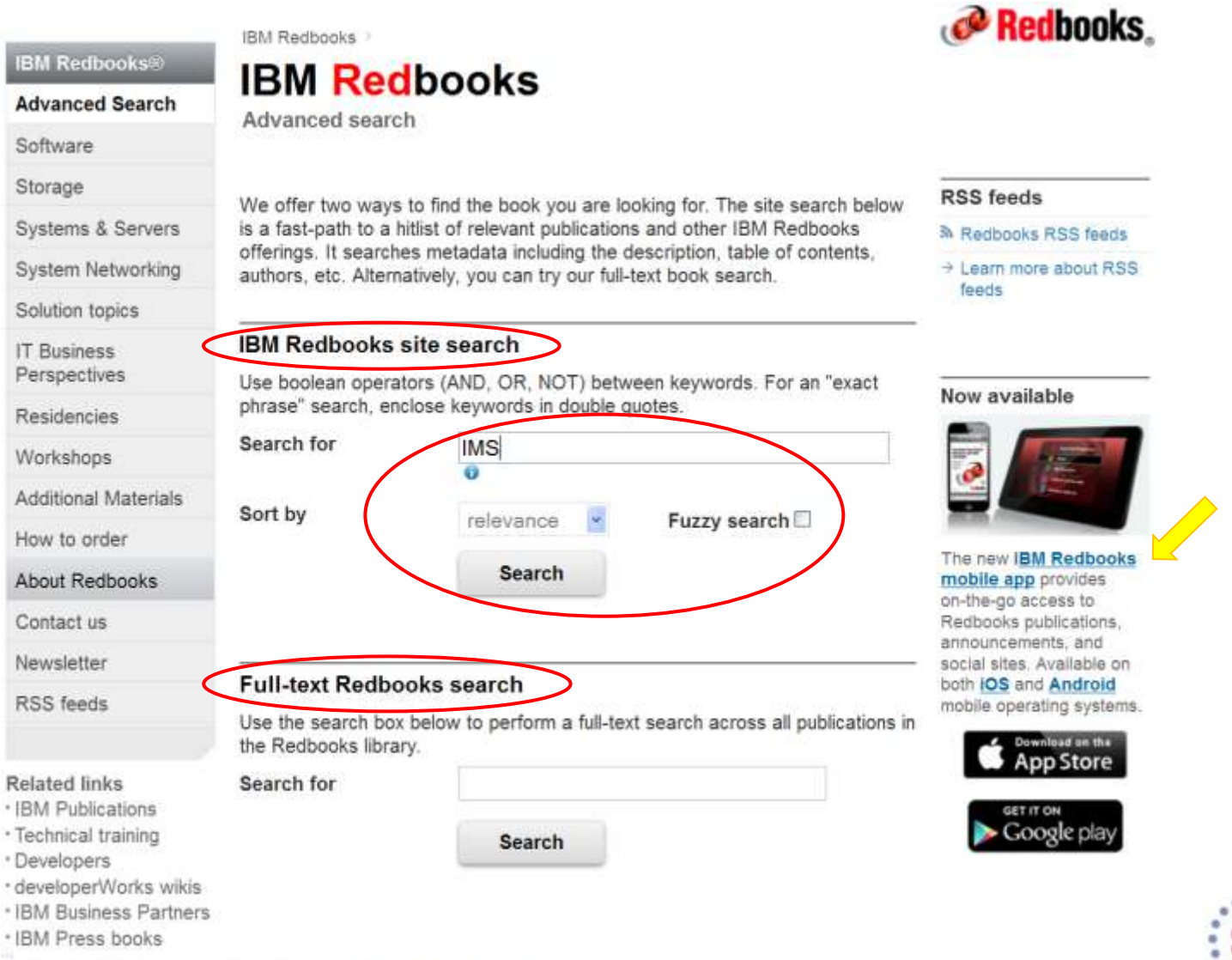

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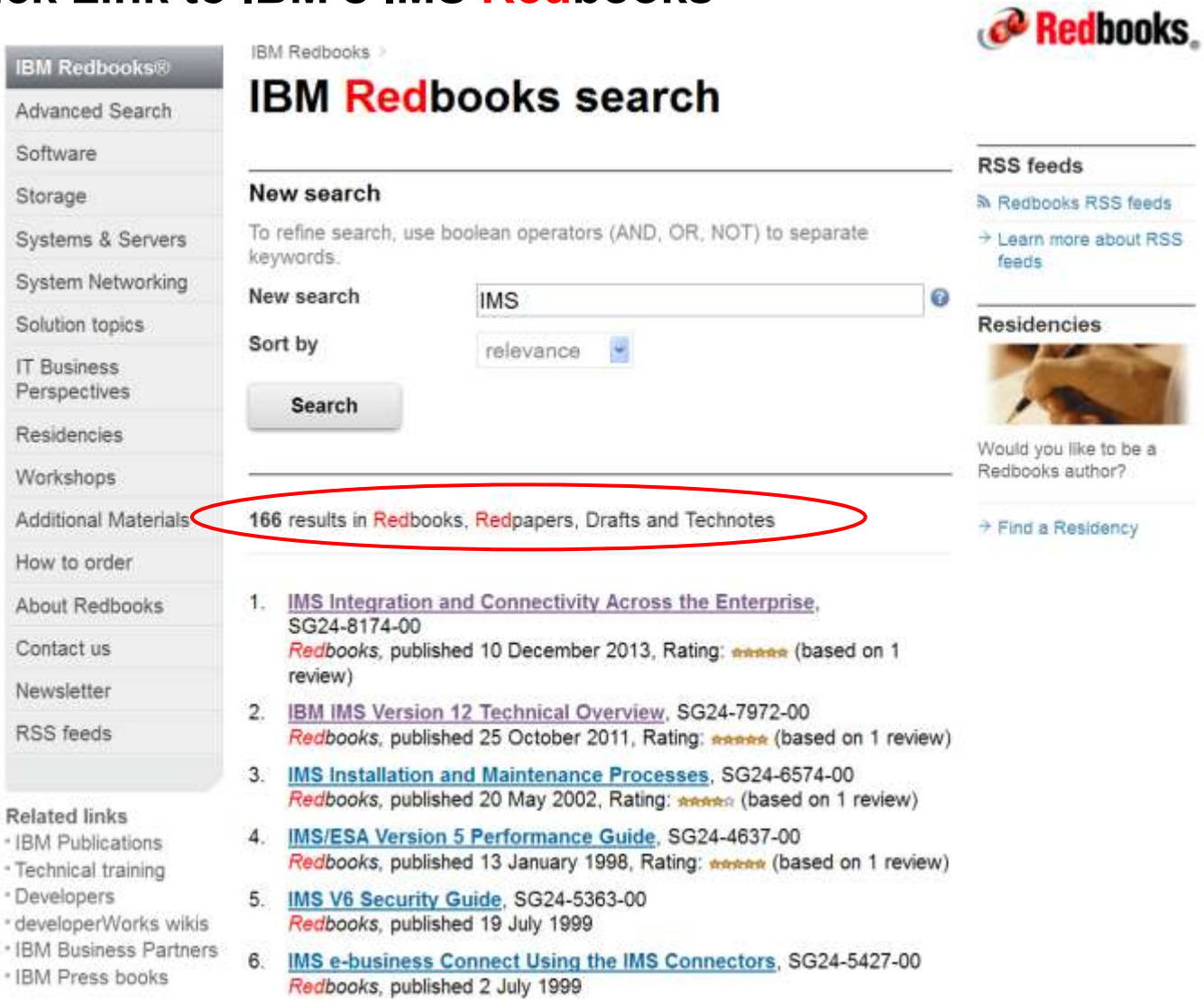

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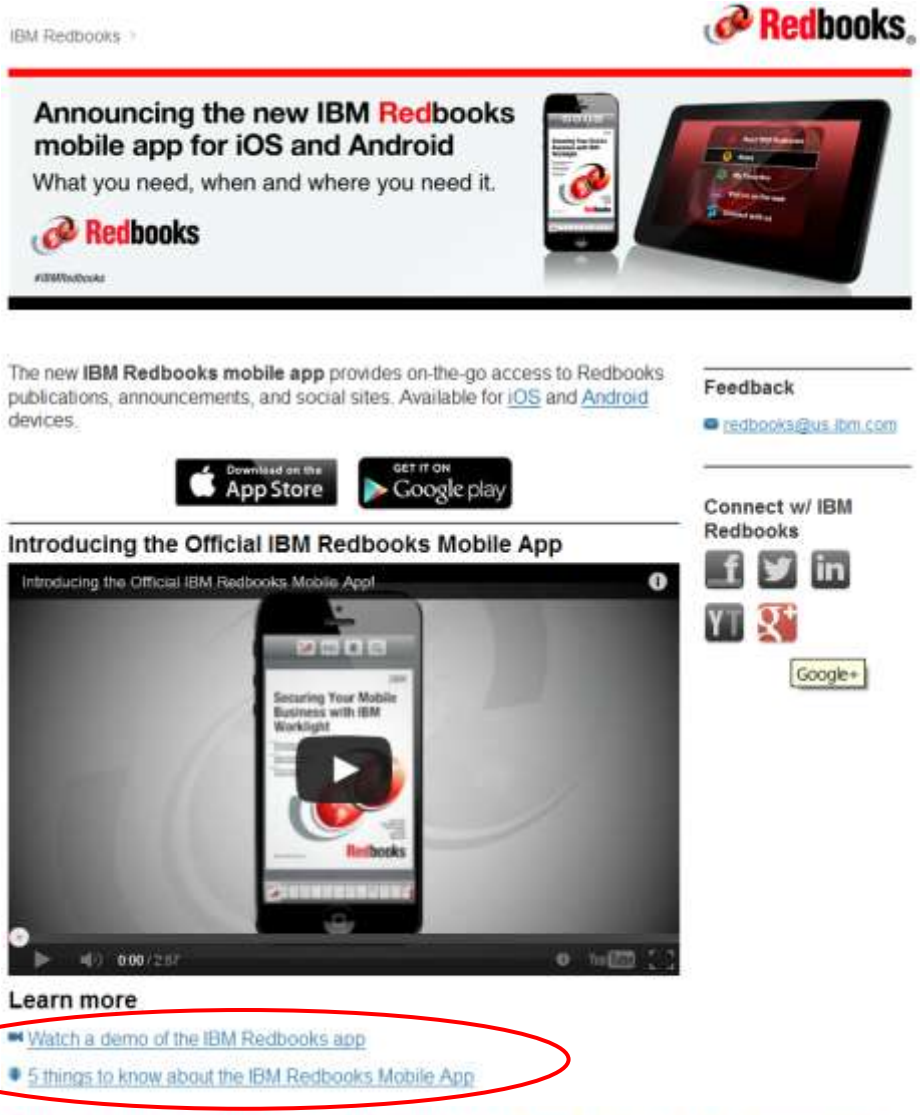

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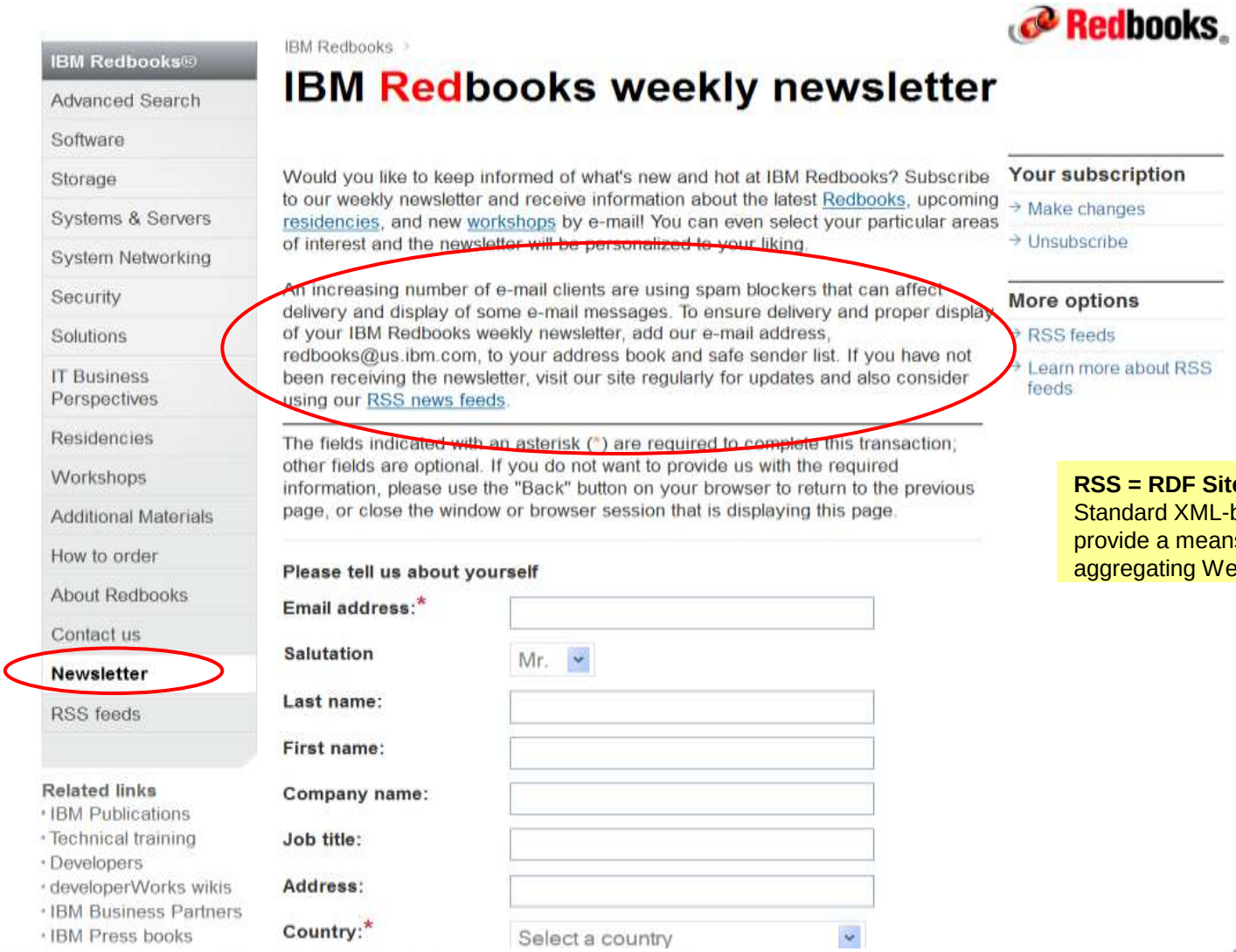

RSS = RDF Site Summary
Standard XML-based files that provide a means for syndicating and aggregating Web content**.**

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News

IBM introduces Codename BlueMix
IBM has announced Codename BlueMix, a cloud-based development environment for building, composing, managing, and running your new and innovative cloud applications in an open environment. Read the new IBM Redbooks® Point-of-View publication that describes how new dynamic computer languages and new development and deployment tools and techniques strengthen the role of the developer in this new environment.

IBM Pulse: 3 days of cloud, food and fun in Las Vegas
Read IBM Redbooks Project Leader Vasfi Gucer's blog from IBM Pulse, the premier IBM conference on all things Cloud computing.

Drafts

IBM Cognos Business Intelligence 10.2.0 Reporting on IMS
Revised: March 8, 2014
More details are available at
http://www.redbooks.ibm.com/redpieces/abstracts/redp5091.html?Open

DB2 11 for z/OS Buffer Pool Monitoring and Tuning
Revised: March 6, 2014
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IBM Content Analytics with Enterprise Search Discovering Actionable Insight from Your Content
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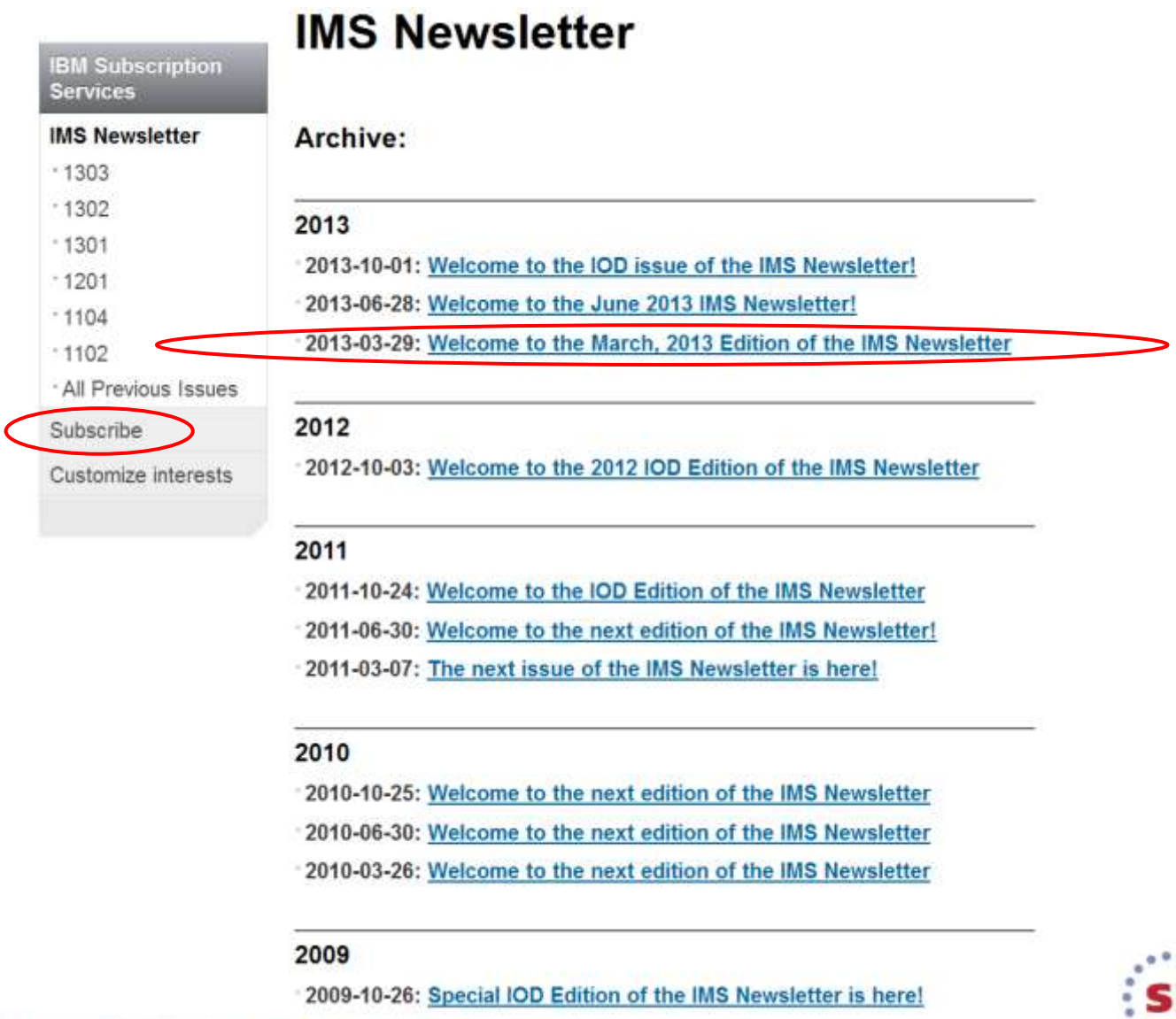

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- 2013-06-28: Welcome to the June 2013 IMS Newsletter!
- 2013-03-29: Welcome to the March, 2013 Edition of the IMS Newsletter

2012

- 2012-10-03: Welcome to the 2012 IOD Edition of the IMS Newsletter

2011

- 2011-10-24: Welcome to the IOD Edition of the IMS Newsletter
- 2011-06-30: Welcome to the next edition of the IMS Newsletter!
- 2011-03-07: The next issue of the IMS Newsletter is here!

2010

- 2010-10-25: Welcome to the next edition of the IMS Newsletter
- 2010-06-30: Welcome to the next edition of the IMS Newsletter
- 2010-03-26: Welcome to the next edition of the IMS Newsletter

2009

- 2009-10-26: Special IOD Edition of the IMS Newsletter is here!

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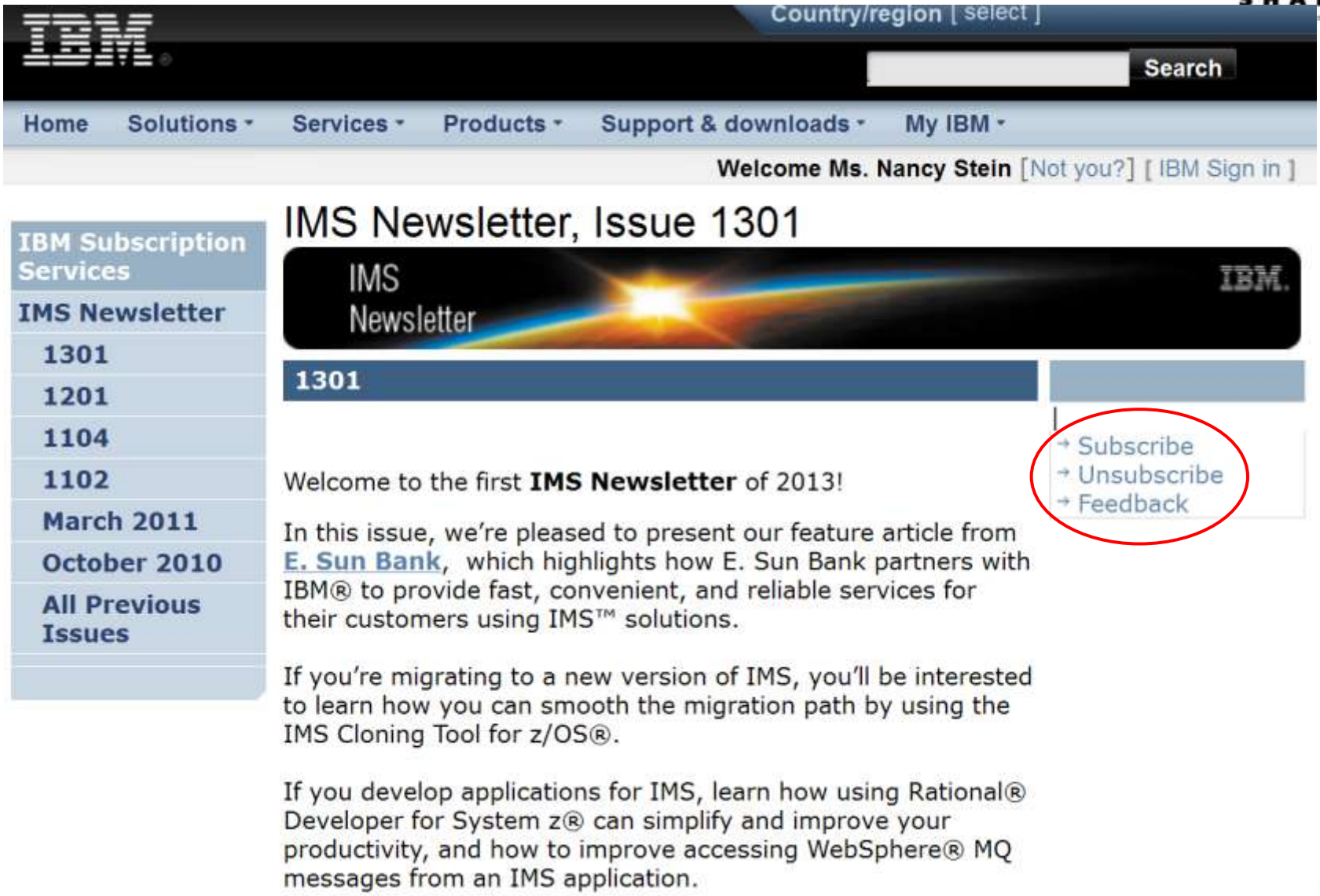

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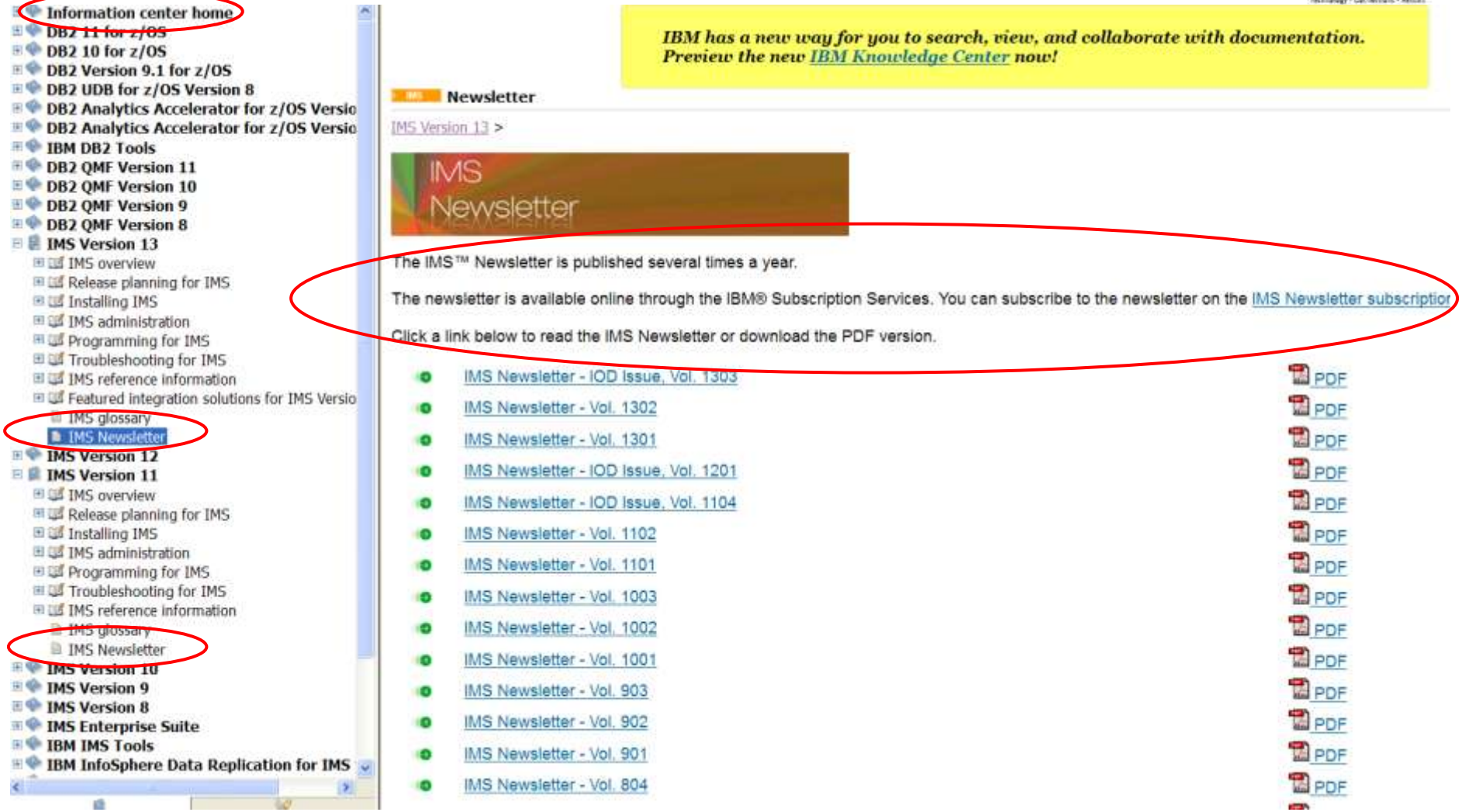

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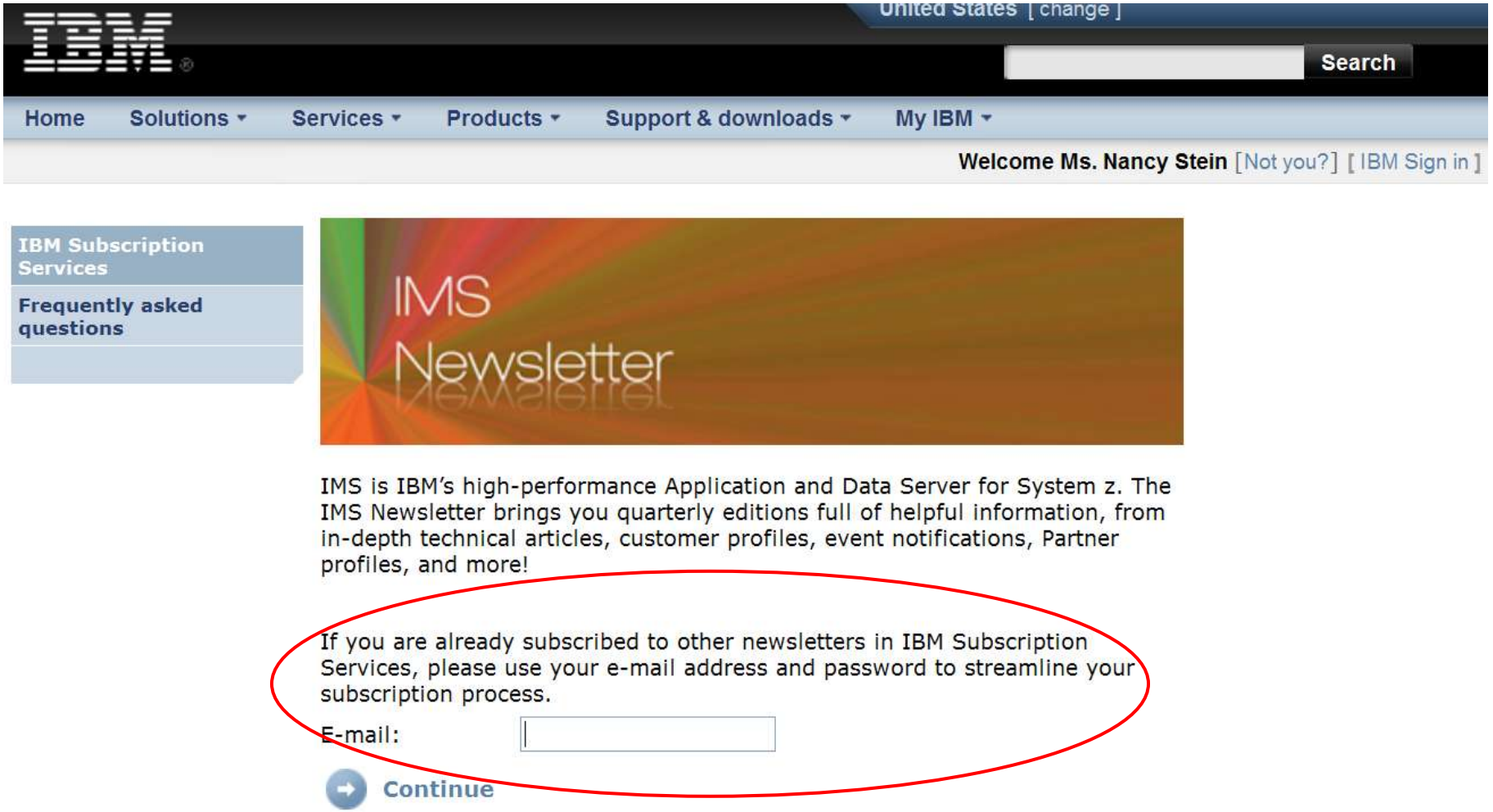

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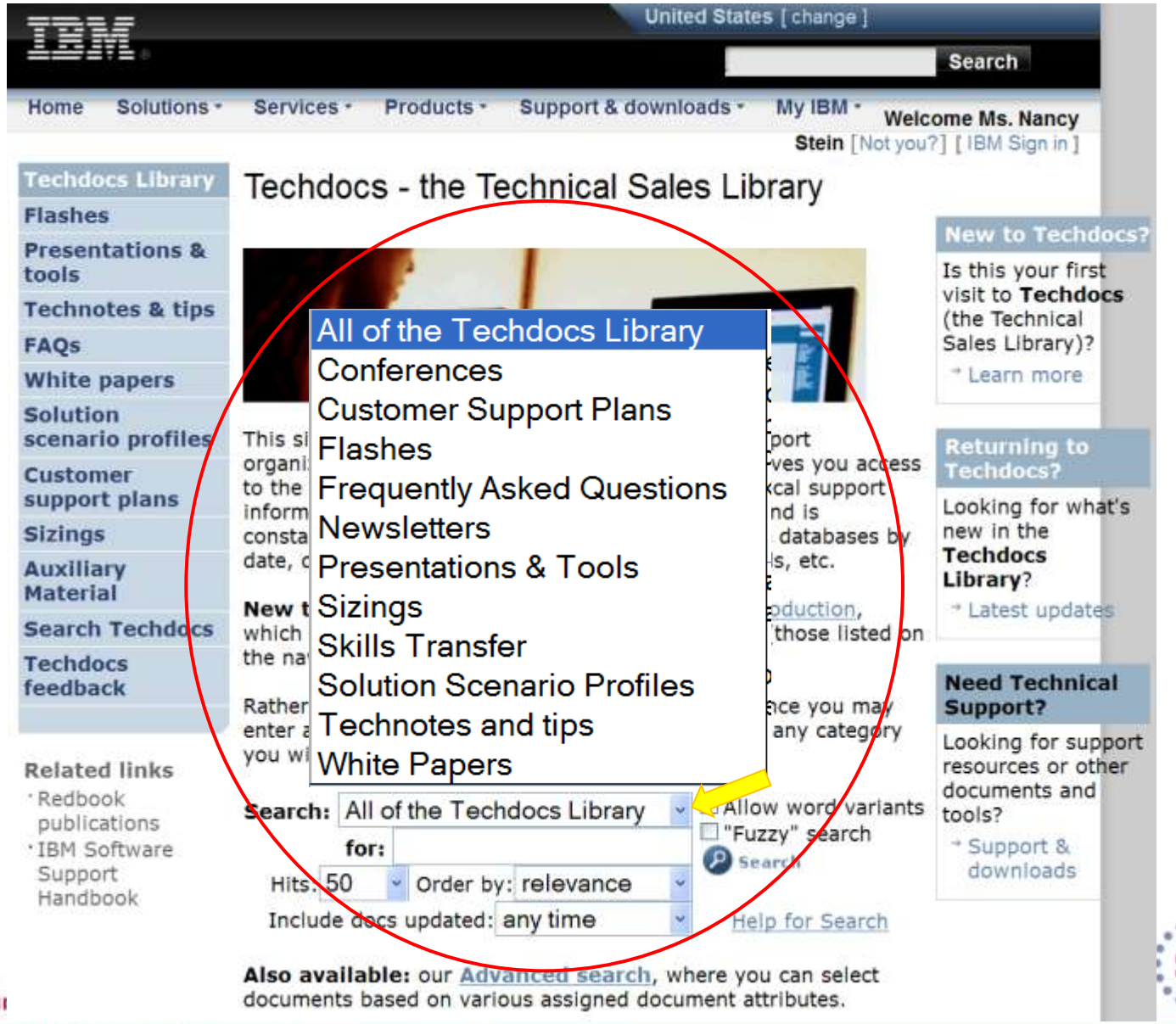

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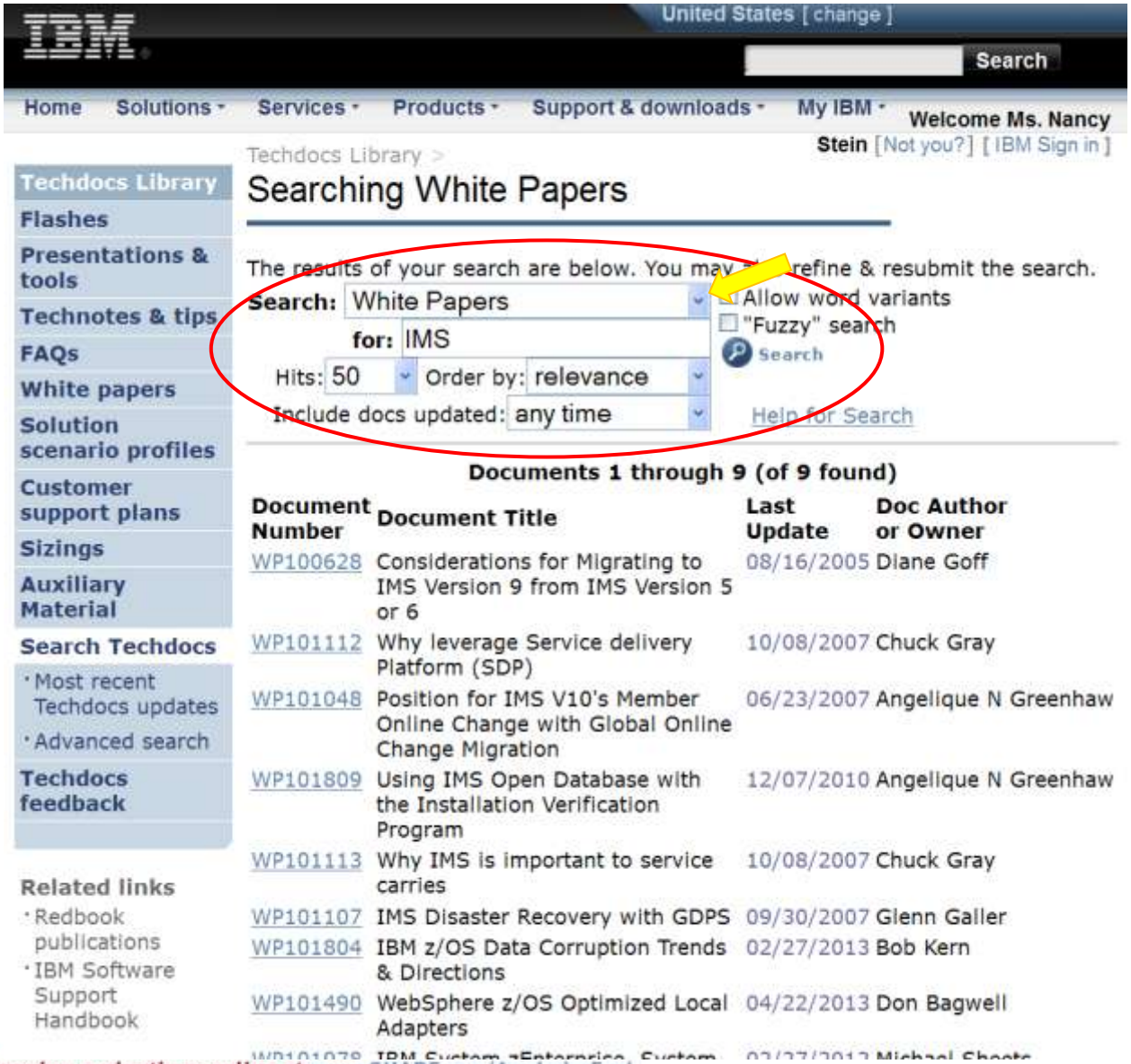

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www-01.ibm.com/software/data/ims/usergroups.html

Welcome to the Regional IMS User Groups website. Check out the upcoming events for a user group meeting near you!

Where IMS experts worldwide come for the best in education, networking, and camaraderie.

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Location	Date	Agenda
Minneapolis, MN	April 15 - 16, 2014	Details (PDF, 72KB)

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If you would like to be added to a user group or have a suggestion on adding a location not listed, please contact Jessica Toy

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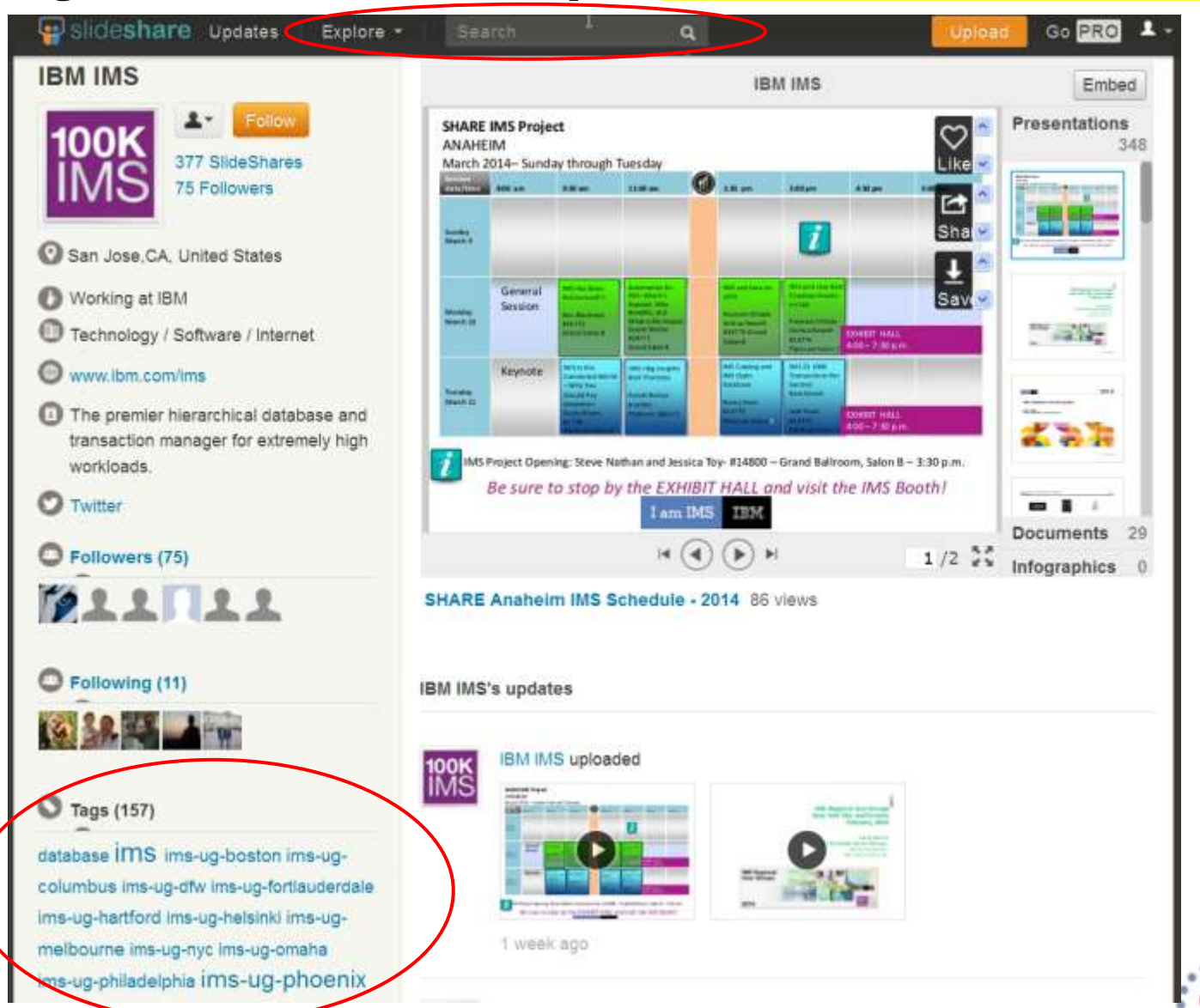

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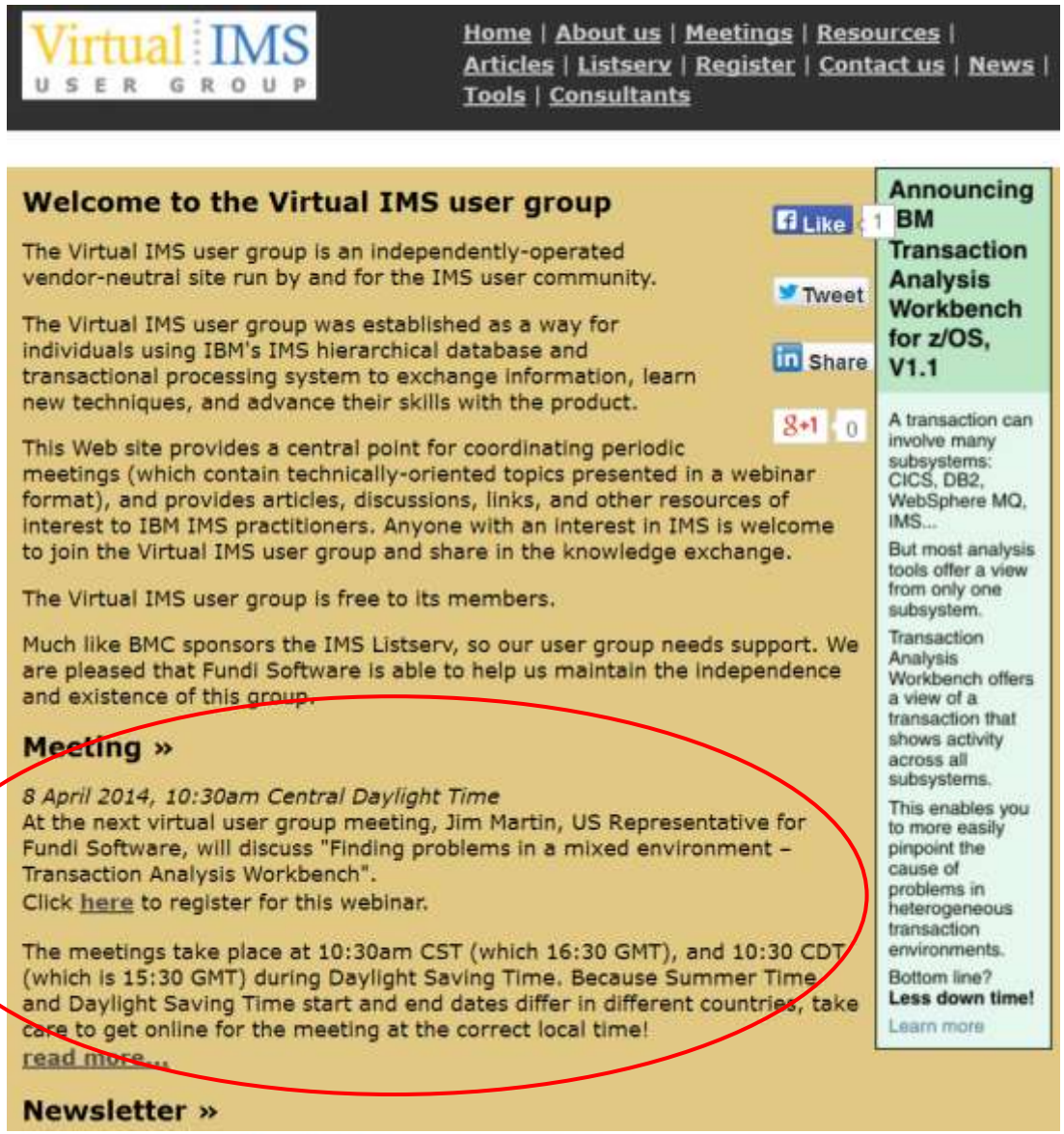

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Welcome to the Virtual IMS user group

Like 1 Tweet Share 8+1 0

The Virtual IMS user group is an independently-operated vendor-neutral site run by and for the IMS user community.

The Virtual IMS user group was established as a way for individuals using IBM's IMS hierarchical database and transactional processing system to exchange information, learn new techniques, and advance their skills with the product.

This Web site provides a central point for coordinating periodic meetings (which contain technically-oriented topics presented in a webinar format), and provides articles, discussions, links, and other resources of interest to IBM IMS practitioners. Anyone with an interest in IMS is welcome to join the Virtual IMS user group and share in the knowledge exchange.

The Virtual IMS user group is free to its members.

Much like BMC sponsors the IMS Listserv, so our user group needs support. We are pleased that Fundi Software is able to help us maintain the independence and existence of this group.

Announcing IBM Transaction Analysis Workbench for z/OS, V1.1

A transaction can involve many subsystems: CICS, DB2, WebSphere MQ, IMS...

But most analysis tools offer a view from only one subsystem.

Transaction Analysis Workbench offers a view of a transaction that shows activity across all subsystems.

This enables you to more easily pinpoint the cause of problems in heterogeneous transaction environments.

Bottom line? **Less down time!**

Learn more

Meeting »

8 April 2014, 10:30am Central Daylight Time
At the next virtual user group meeting, Jim Martin, US Representative for Fundi Software, will discuss "Finding problems in a mixed environment – Transaction Analysis Workbench".
Click here to register for this webinar.

The meetings take place at 10:30am CST (which 16:30 GMT), and 10:30 CDT (which is 15:30 GMT) during Daylight Saving Time. Because Summer Time and Daylight Saving Time start and end dates differ in different countries, take care to get online for the meeting at the correct local time!
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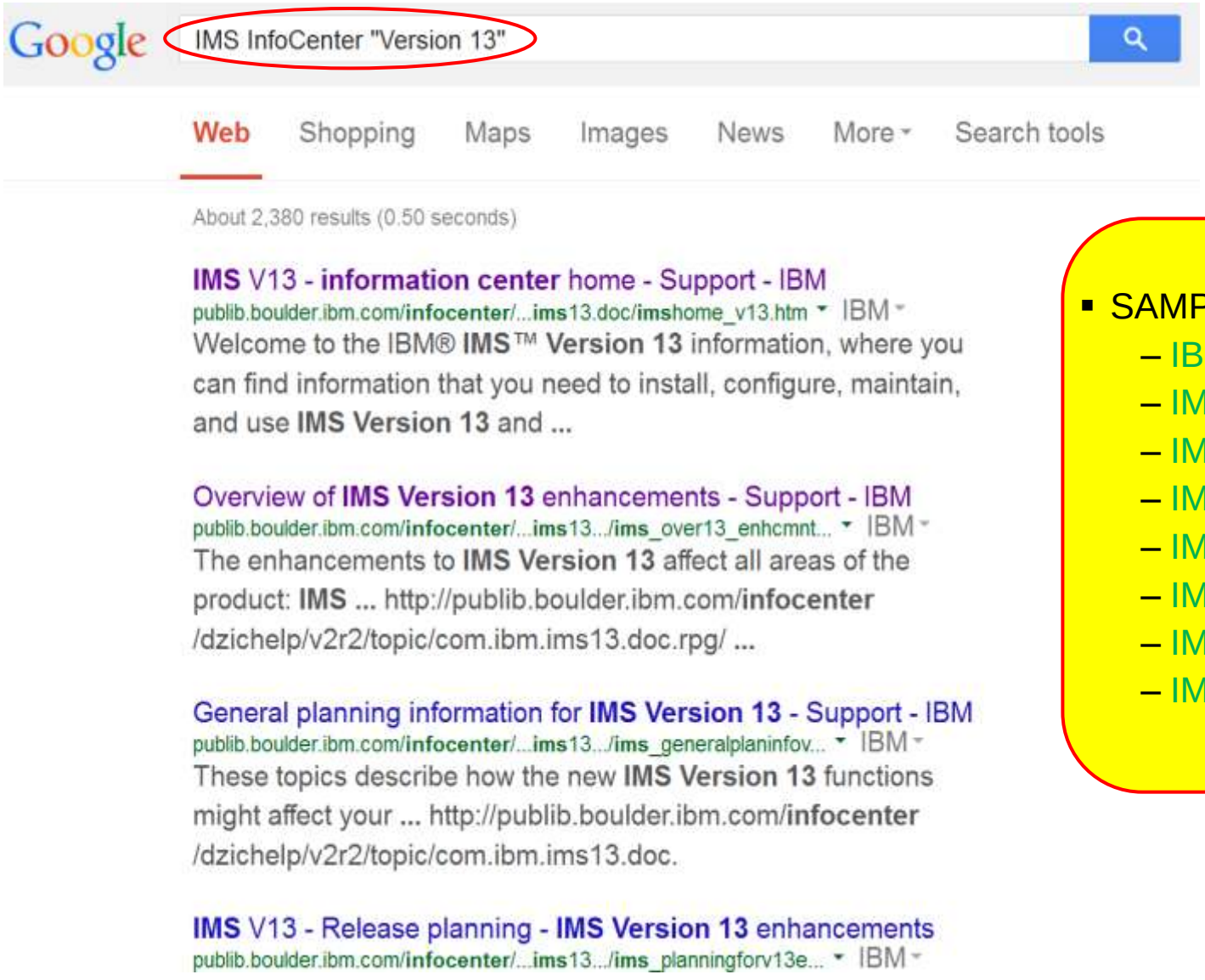

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  - IMS DFS3303I
  - IMS U3303
  - IMS Enterprise Suite

Complete your session evaluations online at www.SHARE.org/AnaheimEval

IMS-L LISTSERV

IMSLISTSERV.BMC.COM

Complete your session evaluations online at www.SHARE.org/AnaheimEval

IMS-L LISTSERV Registration

- Register for a LISTSERV id and password
  - http://imslistserv.bmc.com/scripts/wa-BMC.exe?GETPW1=&X=&Y=

- Post questions /answers
  - Other IMS-L LISTSERV members offer suggestions, answers, and recommendations based upon their experience
- Register for a “Digest” email versus individual emails

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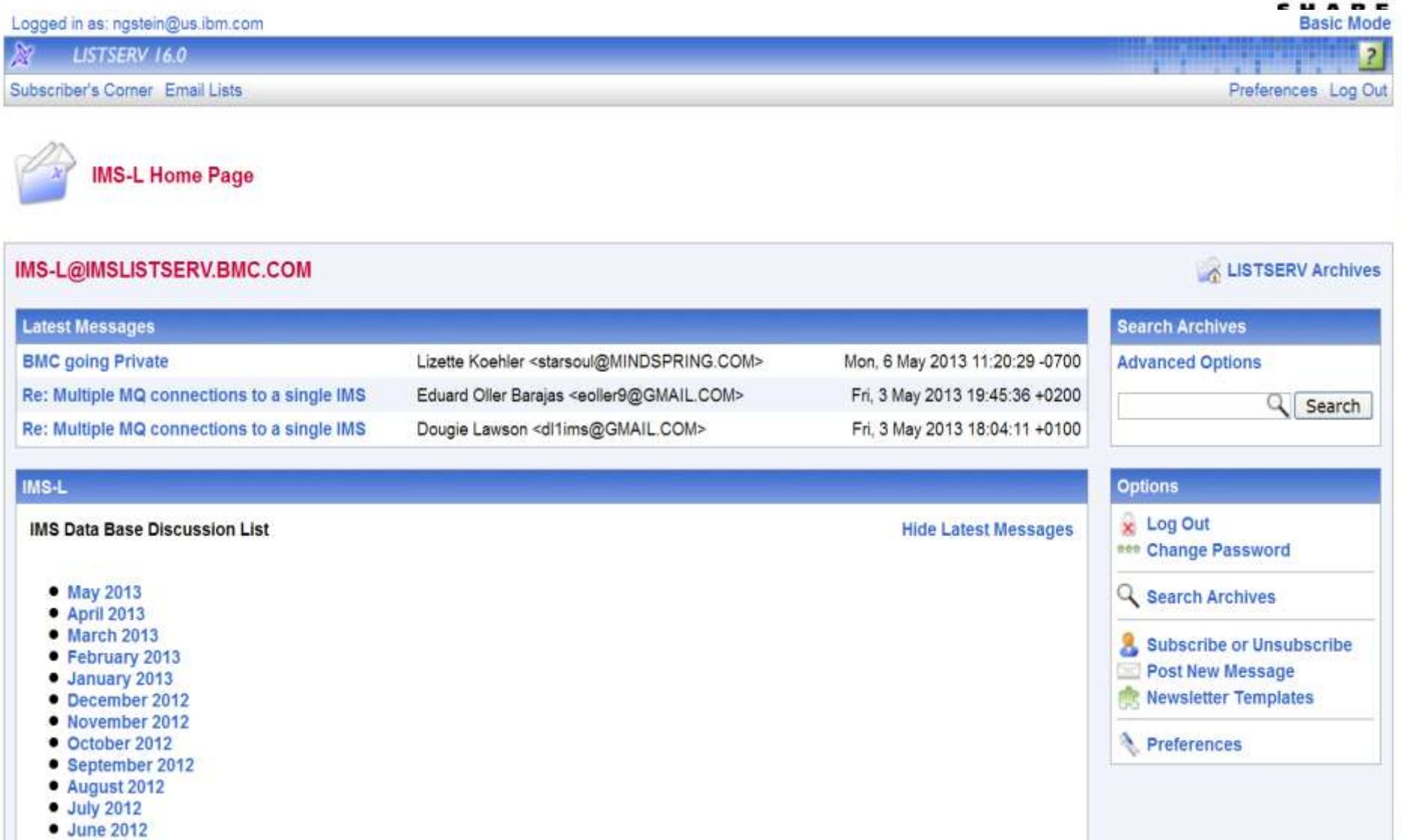
IMS-L LISTSERV Discussion Archive



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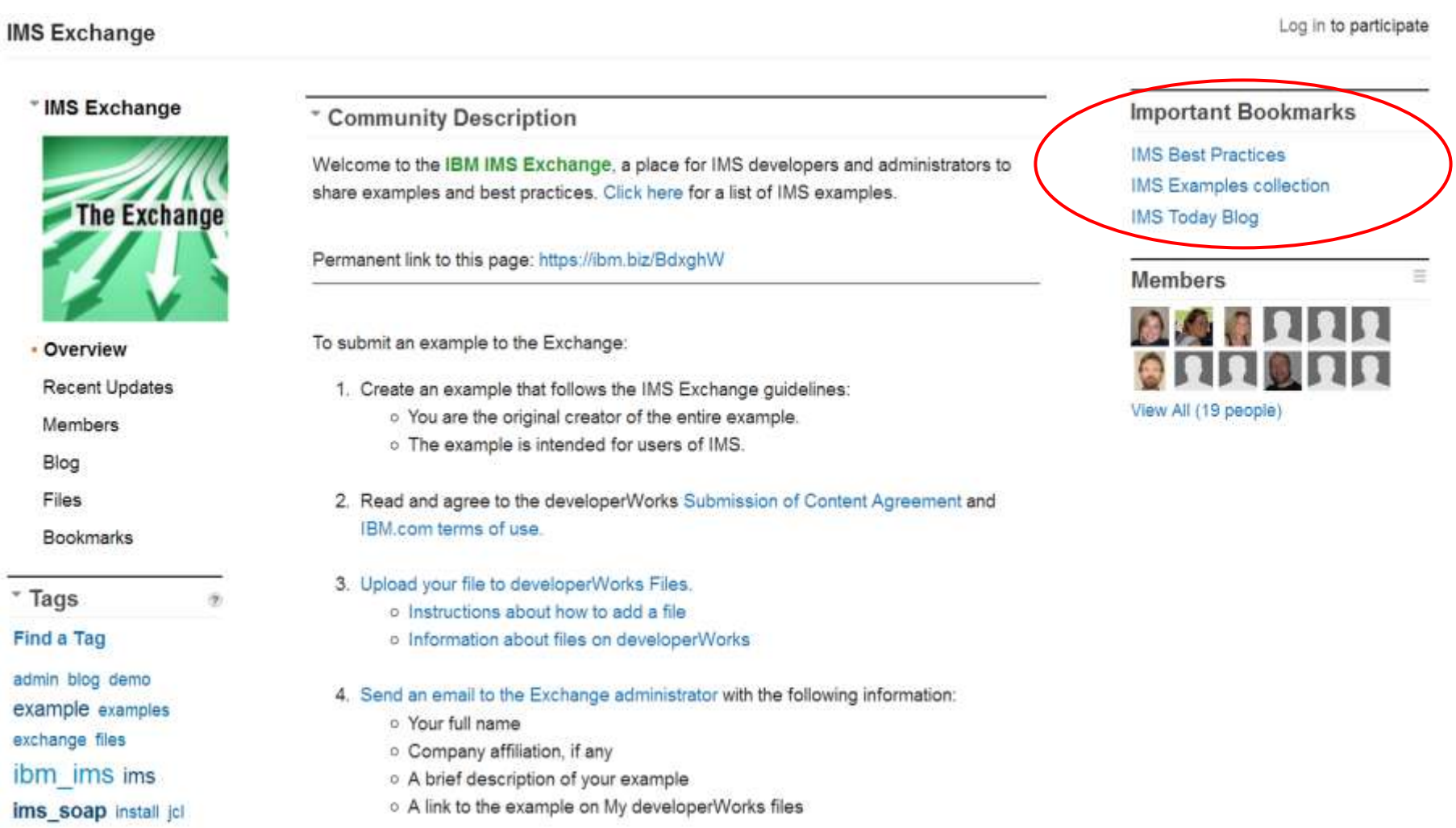
IMS on developerWorks

https://www.ibm.com/developerworks/community/groups/service/html/communityview?communityUuid=8a337b1c-3c0c-48a5-b7cc-7f805884dbb9



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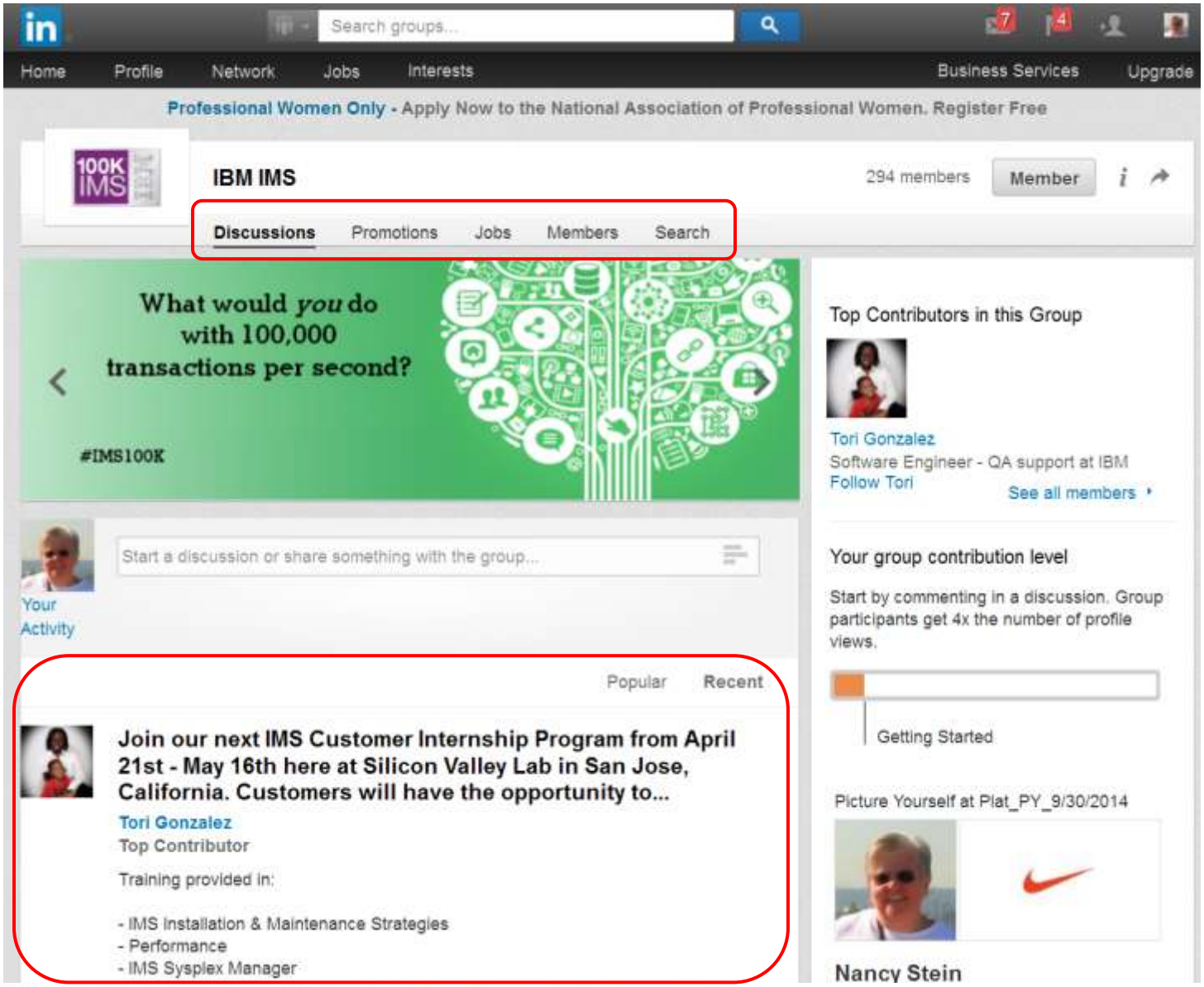
IMS on FaceBook

http://www.facebook.com/IMSFans

Complete your session evaluations online at www.SHARE.org/AnaheimEval

IMS on LinkedIn

http://www.linkedin.com/groups/IBM-IMS-1949922



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“IBM_IMS” on Twitter

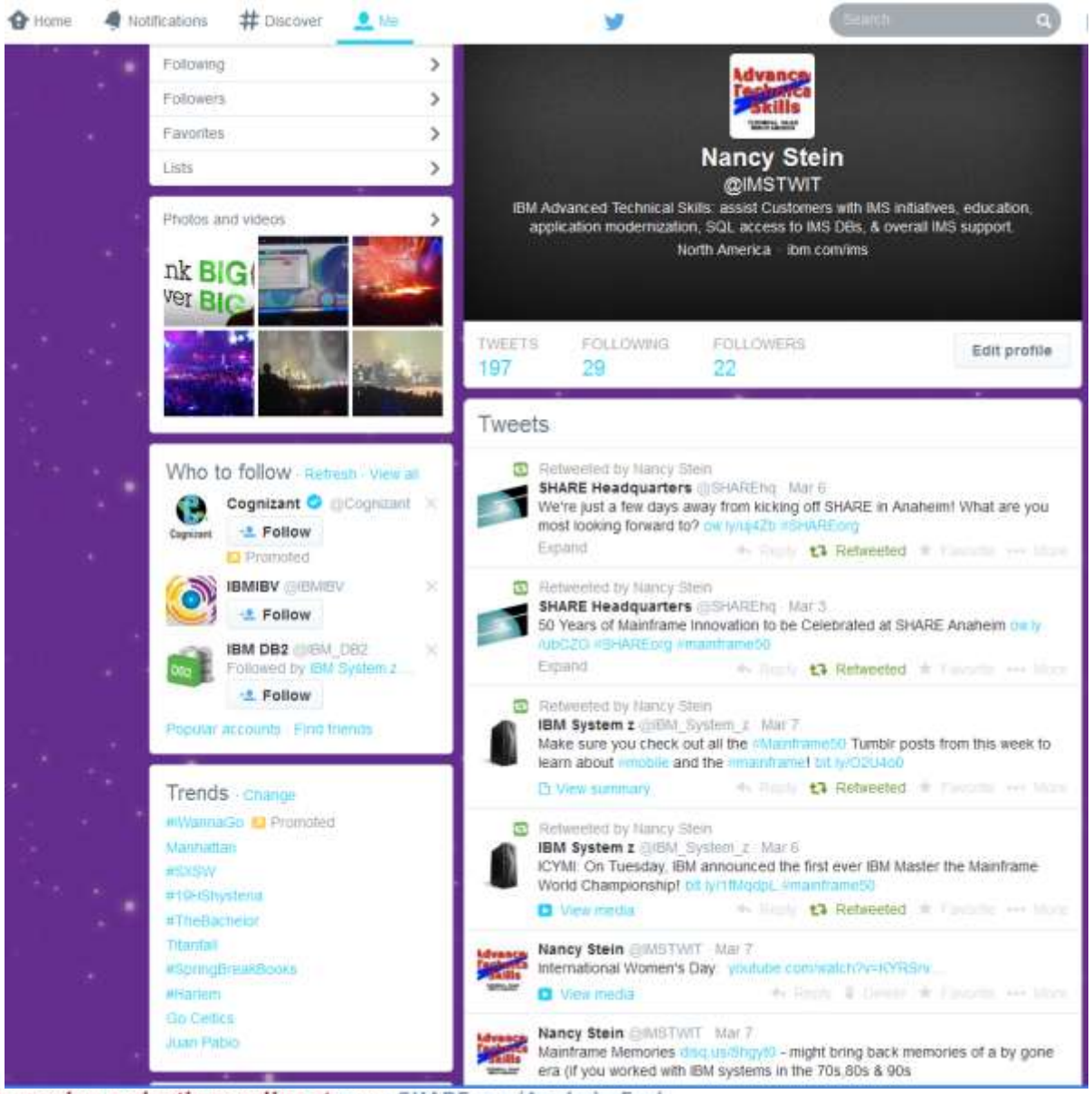
https://twitter.com/IBM_IMS

Complete your session evaluations online at www.SHARE.org/AnaheimEval

in Anaheim

“IMSTWIT” on Twitter

https://twitter.com/IMSTWIT



Follow me: “IMSTWIT”

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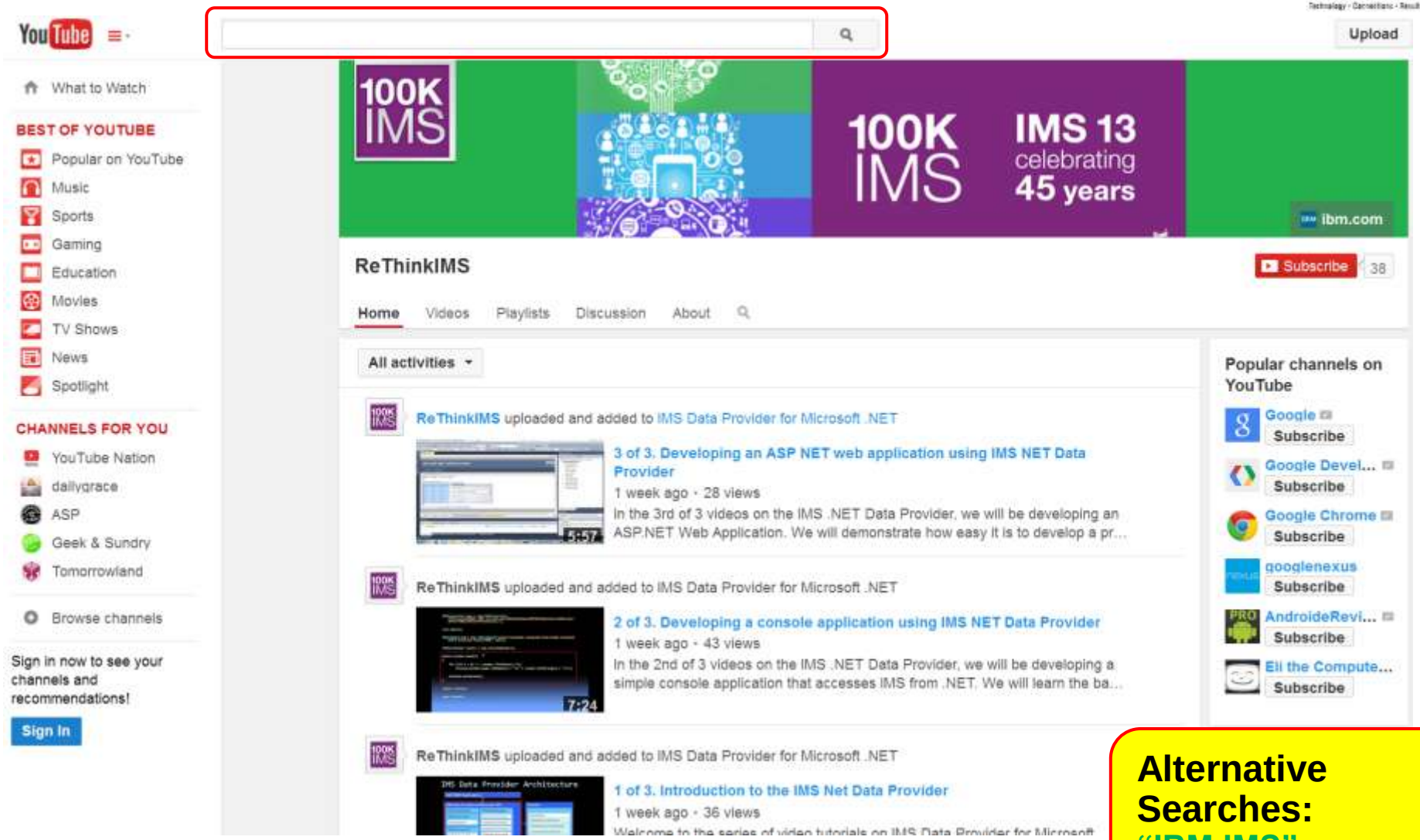
IMS on YouTube

http://www.youtube.com/user/ReThinkIMS



Alternative Searches:
"IBM IMS"
"IBM IMS Tutorial"

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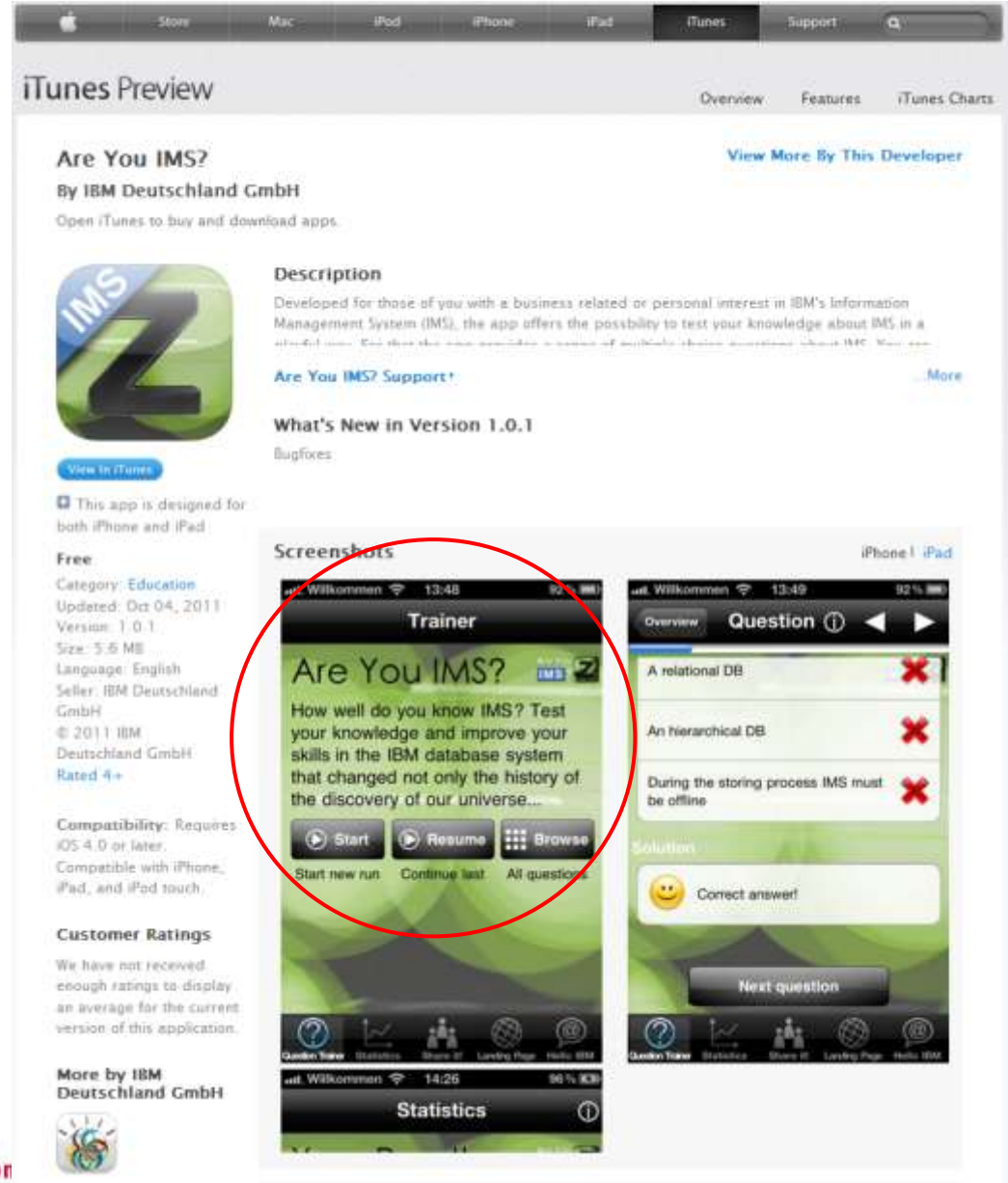
IMS App in the APPLE Store

http://bit.ly/qm4n8E

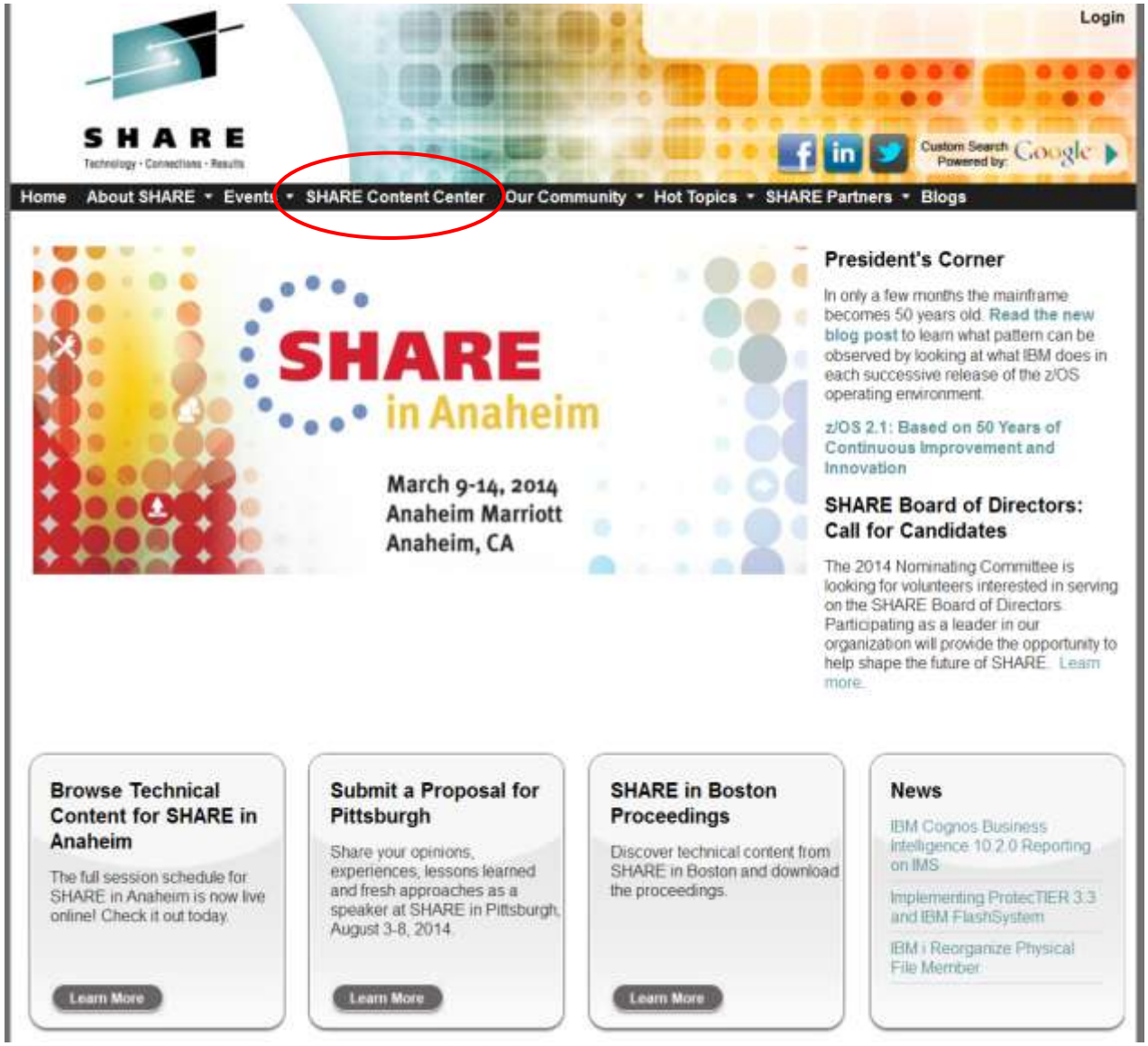


Test your IMS knowledge with a range of multiple choice questions!

SHARE in Anaheim

SHARE Organization

www.share.org



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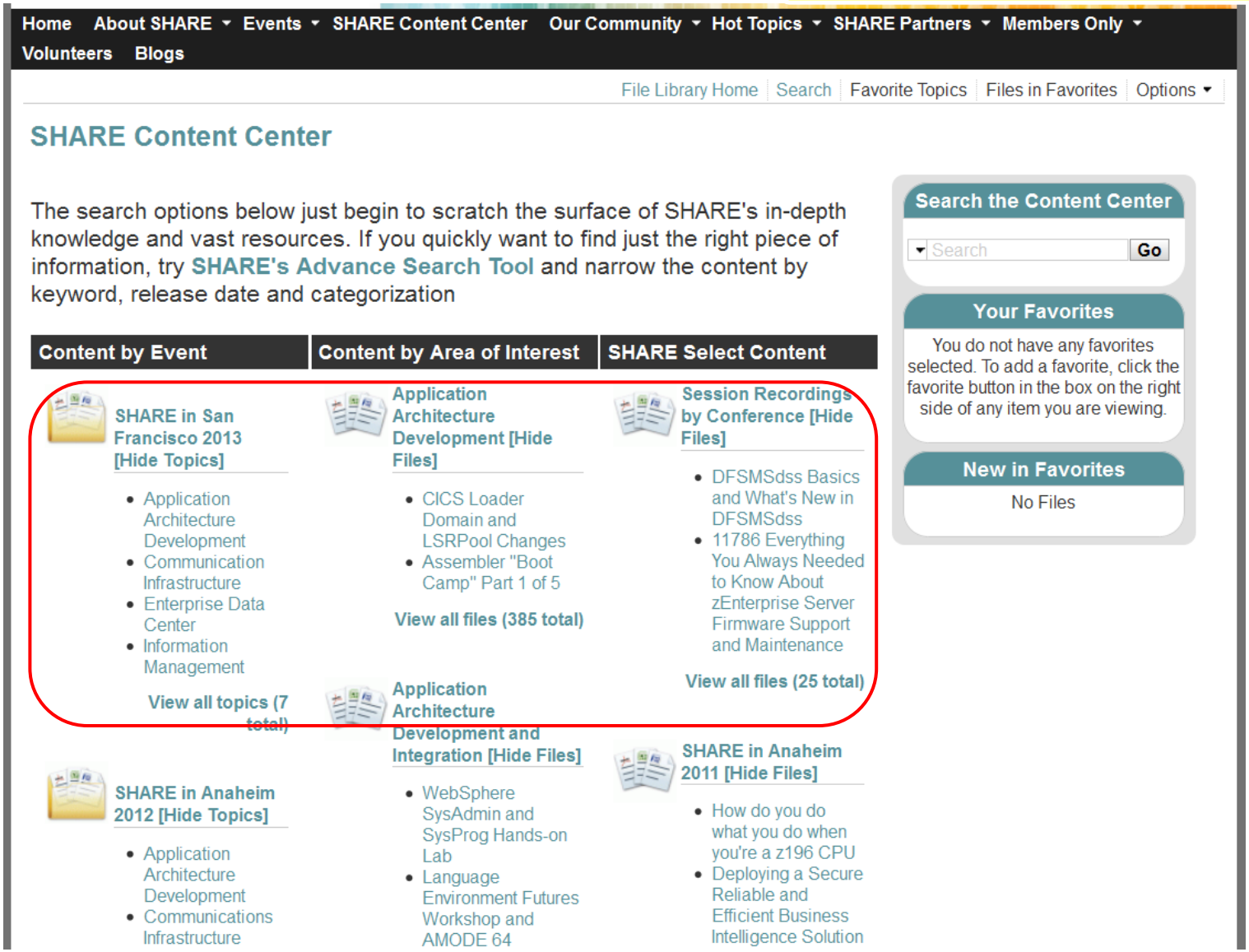
SHARE Content Center

http://share.socious.com/p/do/in/



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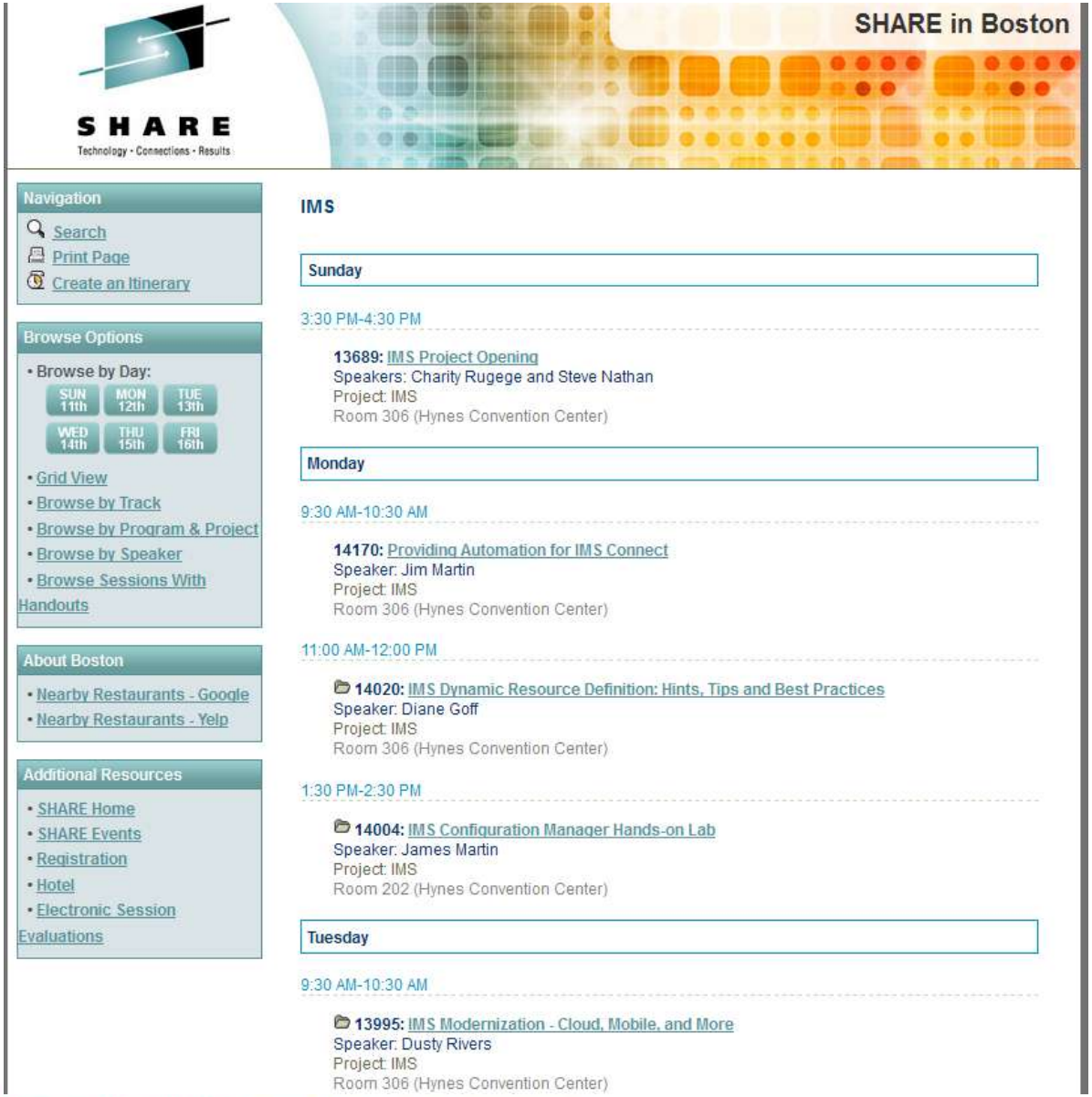
SHARE IMS Proceedings

https://share.confex.com/share/121/webprogram/Symposium603.html



SHARE
Technology · Connections · Results

SHARE in Boston

Navigation
- Search
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- Browse by Day:
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- Browse by Program & Project
- Browse by Speaker
- Browse Sessions With Handouts

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- Nearby Restaurants - Yelp

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- SHARE Home
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- Registration
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IMS

Sunday

3:30 PM-4:30 PM

13689: IMS Project Opening
Speakers: Charity Rugege and Steve Nathan
Project: IMS
Room 306 (Hynes Convention Center)

Monday

9:30 AM-10:30 AM

14170: Providing Automation for IMS Connect
Speaker: Jim Martin
Project: IMS
Room 306 (Hynes Convention Center)

11:00 AM-12:00 PM

14020: IMS Dynamic Resource Definition: Hints, Tips and Best Practices
Speaker: Diane Goff
Project: IMS
Room 306 (Hynes Convention Center)

1:30 PM-2:30 PM

14004: IMS Configuration Manager Hands-on Lab
Speaker: James Martin
Project: IMS
Room 202 (Hynes Convention Center)

Tuesday

9:30 AM-10:30 AM

13995: IMS Modernization - Cloud, Mobile, and More
Speaker: Dusty Rivers
Project: IMS
Room 306 (Hynes Convention Center)

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SHARE in Anaheim

Guide SHARE Europe / Nordic

http://www.gse-nordic.org/index.php?option=com_content&view=article&id=460&Itemid=166

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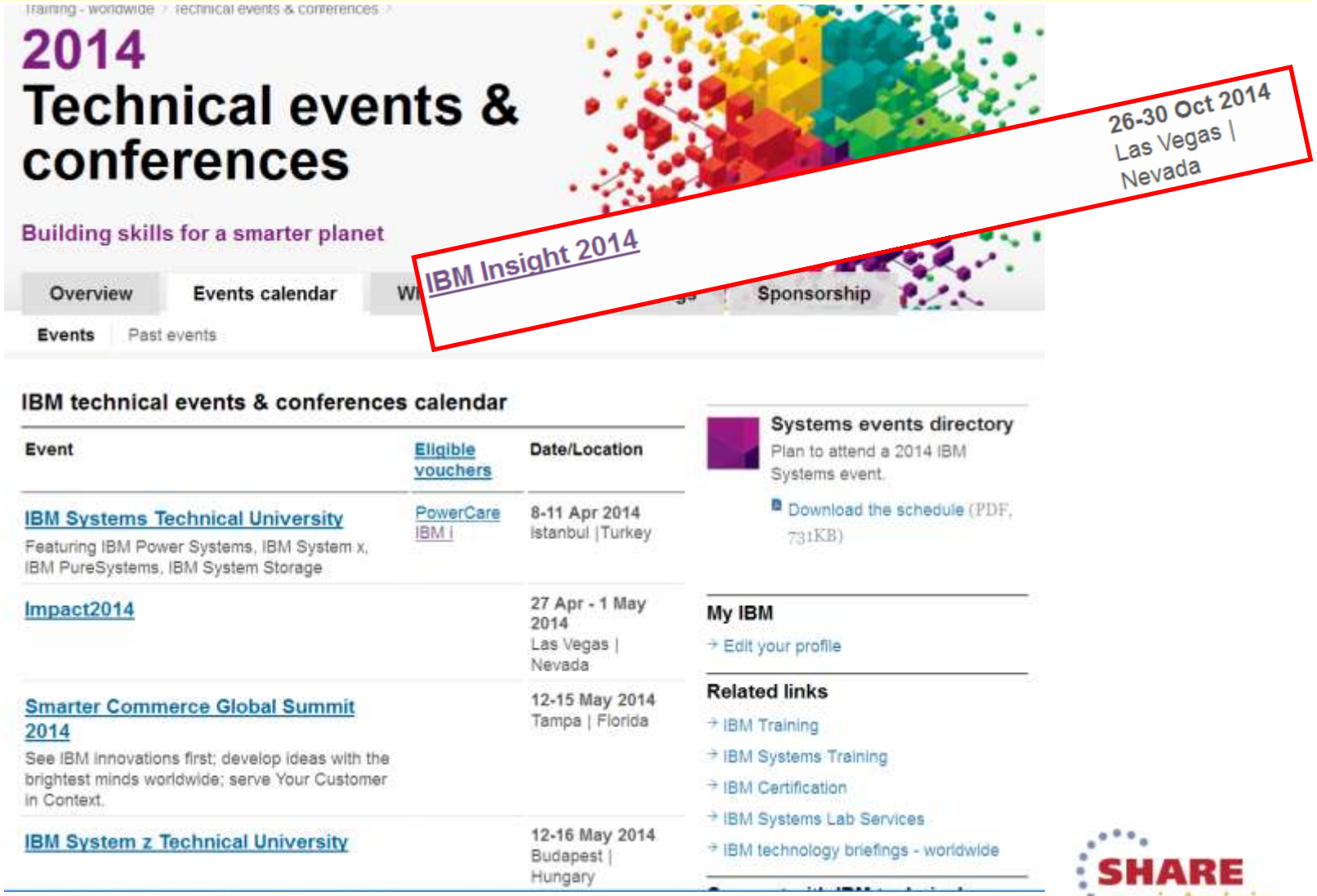
IBM 2014 Technical Events & Conferences

http://www-304.ibm.com/services/learning/ites.wss/zz/en?pageType=page&c=G249613F21743O08



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IBM 2014 Technical Events & Conferences

http://www-304.ibm.com/services/learning/ites.wss/zz/en?pageType=page&c=G249613F21743O08

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IBM “RFE” (Request For Enhancement)

http://www.ibm.com/developerworks/podcasts/demos/special-RFE-process-1/cm-int-special-RFE-process-1.html

IBM RFE Community: Learn about the RFE process

developerWorks explains the technology request for enhancement process

IBM® developerWorks Advisory Software Engineer David Salinas explains the software request for enhancement process and introduces the IBM RFE community resources in Part 1 of a five-part video series on how to participate in efforts to make your technology stronger.

Scott Laningham (scottla@us.ibm.com), developerWorks Podcast Editor, IBM developerWorks

22 December 2011

3 Comments

+ Table of contents

Your narrator is IBM® developerWorks Advisory Software Engineer David Salinas: Hello. My name is David Salinas. I work at IBM. I work on the IBM developerWorks program and website supporting the IBM RFE Community [requests for enhancement]. Today's tutorial will be speaking about the RFE process.

To do that, we'll first talk about the RFE life cycle, then the community features, and then, we'll end with the various states for which an RFE can go through as it's being submitted, then evaluated and then finally given a disposition.

So let us begin with talking about the RFE life cycle.

Figure 1. RFE lifecycle

Participating in a community process

Watch the entire series on YouTube:

- Part 1: Learn about the request process
- Part 2: How to create a new request
- Part 3: How to search for requests
- Part 4: How to vote for requests
- Part 5: How to watch for and get notified on requests

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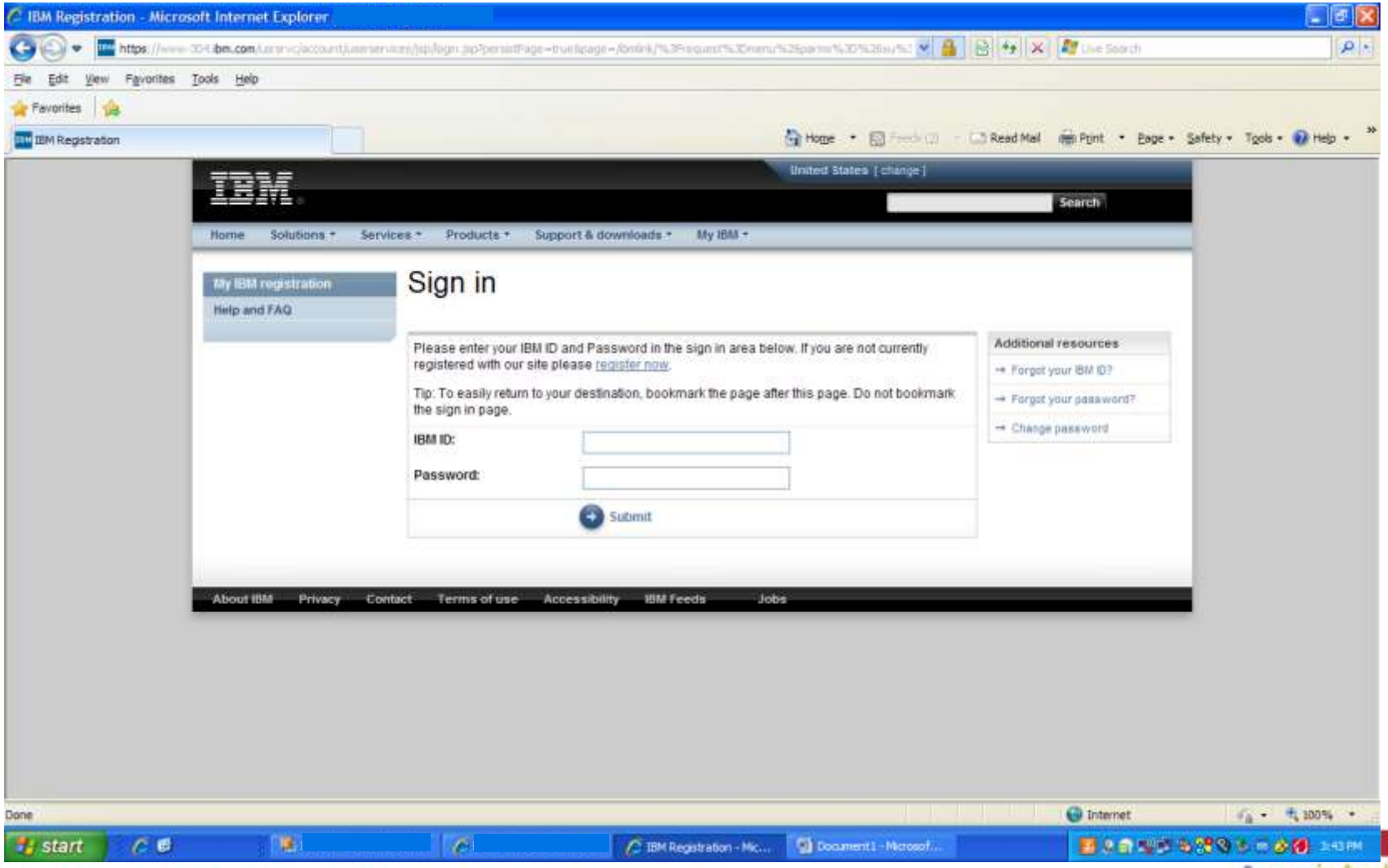
IBM ServiceLink (was IBMLINK)

https://www-304.ibm.com/ibmlink/servicelink



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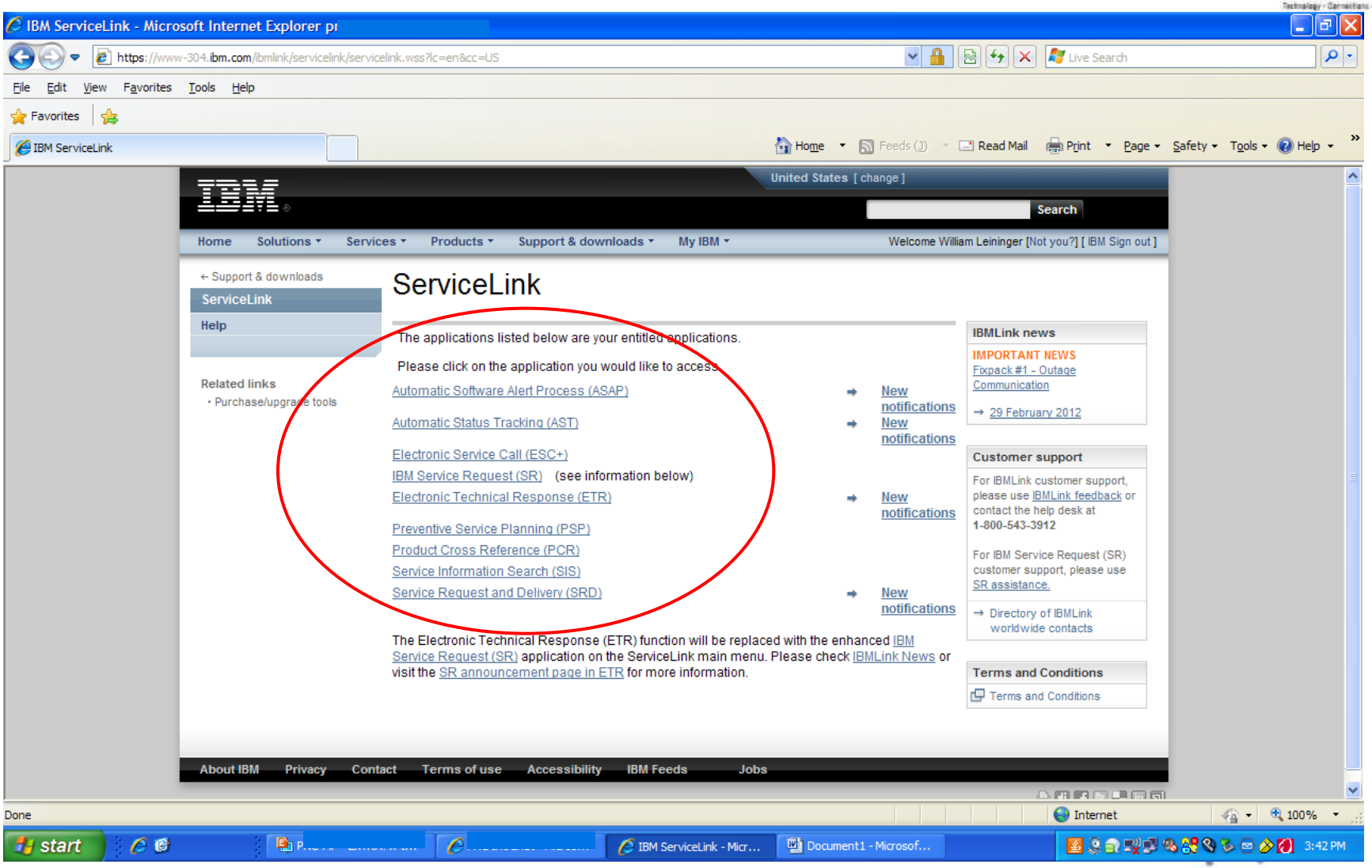
IBM ServiceLink



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IBM ServiceLink

- Provides the following applications:
  - ASAP – Automatic Software Alert Process
    - receive critical service notifications about your products
  - AST – Automatic Status Tracking
    - notifies you when APAR/PTF status changes
  - ESC – Electronic Service Call
  - SR – Service Request
    - replaces Electronic Technical Response (ETR)
    - open, update, and monitor your service request
    - communicate with IBM support service
    - defects and How-To questions
  - PSP – Preventive Service Planning information
  - PCR – Product Cross Reference information
  - SIS – Service Information Search
    - search for service and support information (ie. APARs/PTFs)
  - SRD – Service Request and Delivery
    - order corrective, preventative, coexistence, HIPER/PE mtce.
    - customized and non-customized

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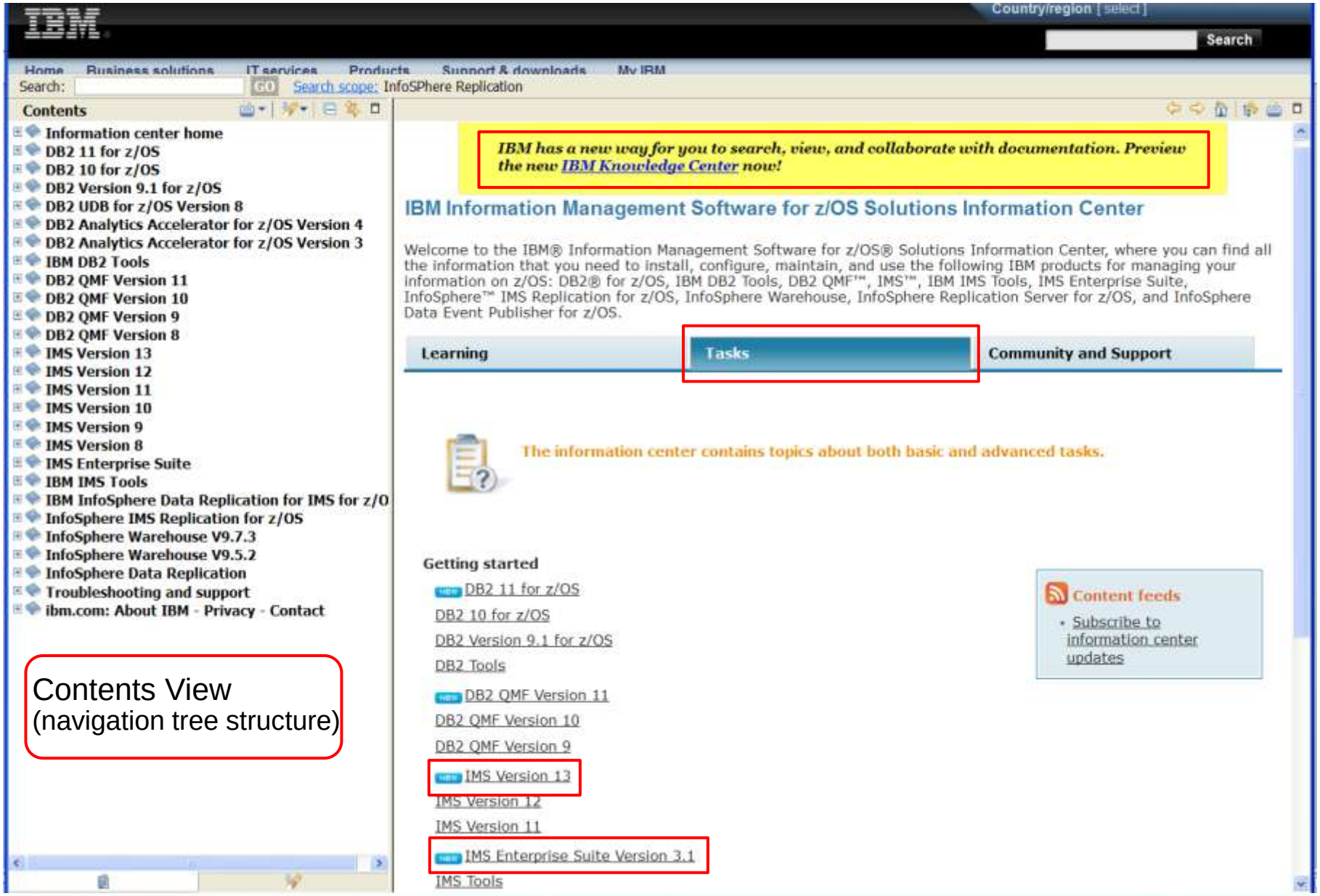
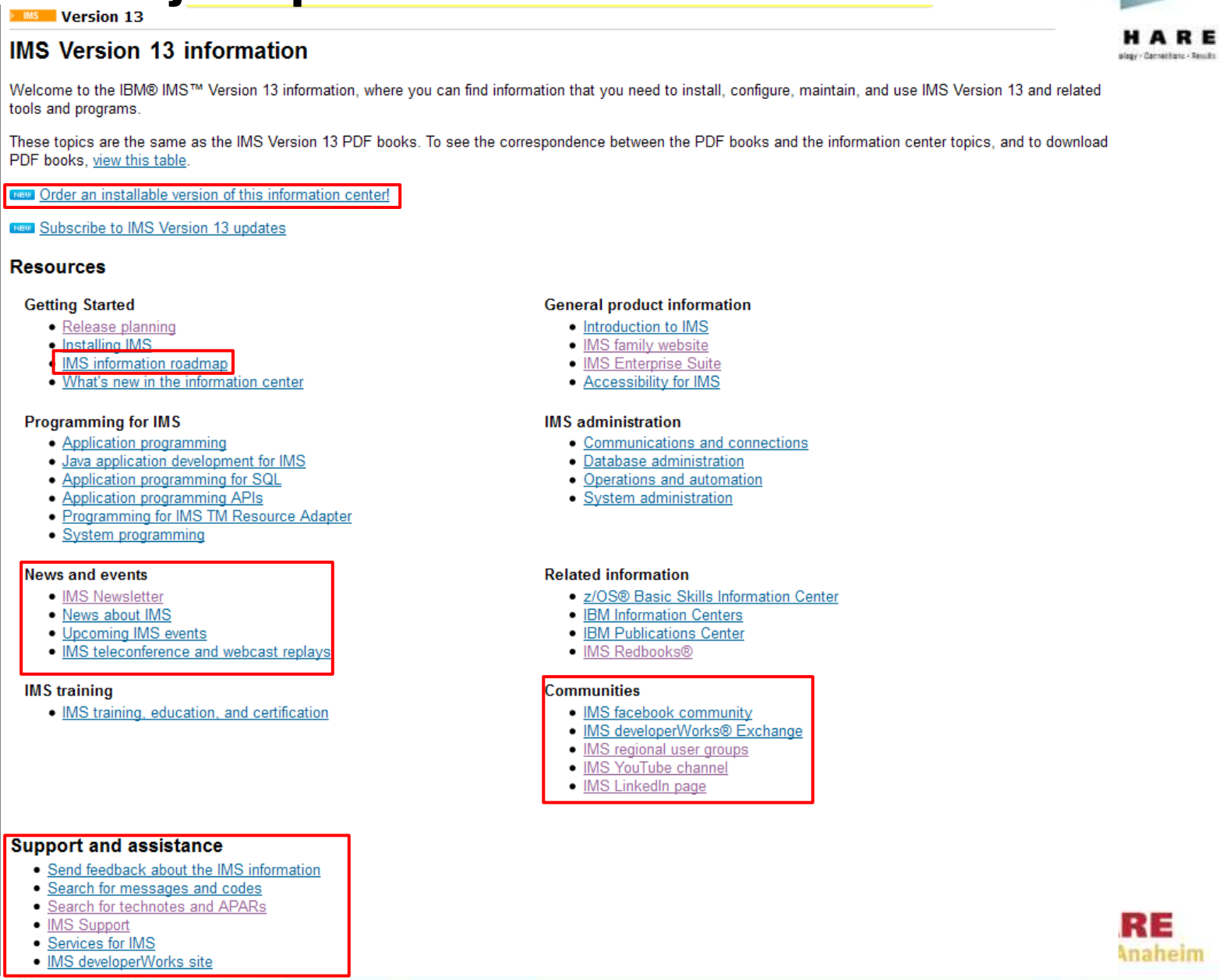
IM Information Center

http://publib.boulder.ibm.com/infocenter/imzic



Contents View
(navigation tree structure)

…more than just product information



IMS Version 13

IMS Version 13 information

Welcome to the IBM® IMS™ Version 13 information, where you can find information that you need to install, configure, maintain, and use IMS Version 13 and related tools and programs.

These topics are the same as the IMS Version 13 PDF books. To see the correspondence between the PDF books and the information center topics, and to download PDF books, view this table.

NEW Order an installable version of this information center!

NEW Subscribe to IMS Version 13 updates

Resources

Getting Started
- Release planning
- Installing IMS
- IMS information roadmap
- What's new in the information center

General product information
- Introduction to IMS
- IMS family website
- IMS Enterprise Suite
- Accessibility for IMS

Programming for IMS
- Application programming
- Java application development for IMS
- Application programming for SQL
- Application programming APIs
- Programming for IMS TM Resource Adapter
- System programming

IMS administration
- Communications and connections
- Database administration
- Operations and automation
- System administration

News and events
- IMS Newsletter
- News about IMS
- Upcoming IMS events
- IMS teleconference and webcast replays

Related information
- z/OS® Basic Skills Information Center
- IBM Information Centers
- IBM Publications Center
- IMS Redbooks®

IMS training
- IMS training, education, and certification

Communities
- IMS facebook community
- IMS developerWorks® Exchange
- IMS regional user groups
- IMS YouTube channel
- IMS LinkedIn page

Support and assistance
- Send feedback about the IMS information
- Search for messages and codes
- Search for technotes and APARs
- IMS Support
- Services for IMS
- IMS developerWorks site

Cool features of the Information Center

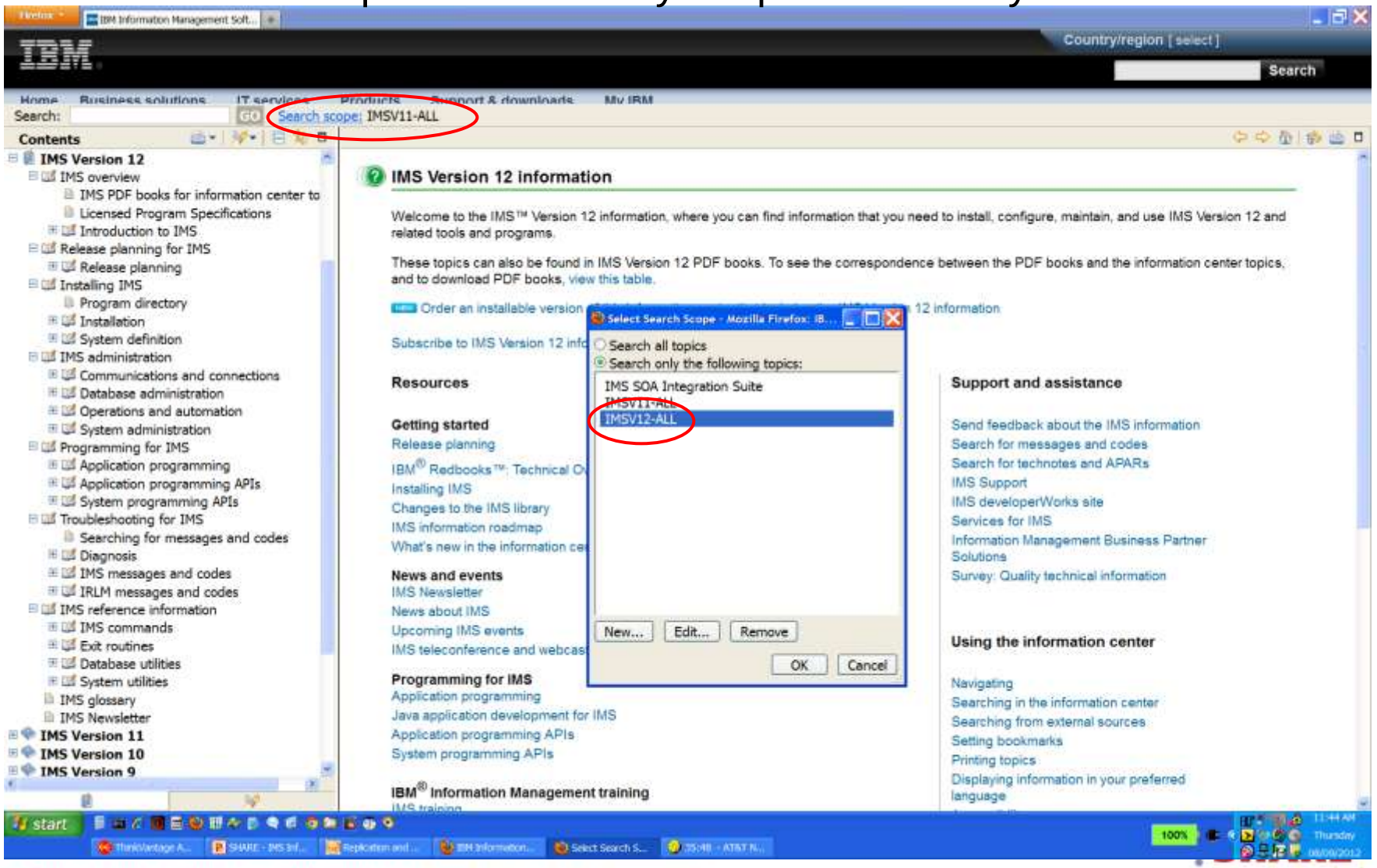
Optimized for Google Search:

- Users can easily get to information about IBM IM software products (IMS, DB2, Tools, etc…)
- 99% of Web searches that lead to Info Center topics come from Google

Complete your session evaluations online at www.SHARE.org/AnaheimEval

Cool features of the Information Center *(cont'd)*

- Set a search scope to search only the products that you use



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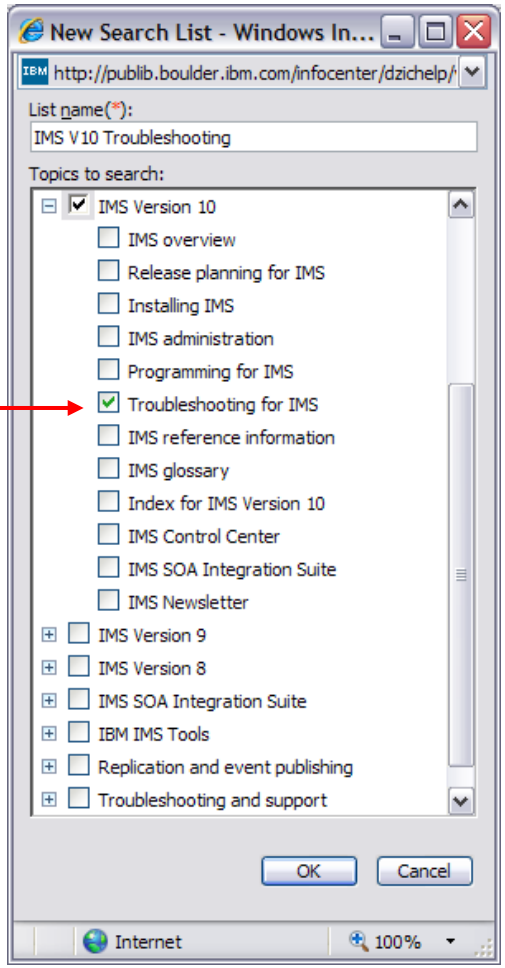
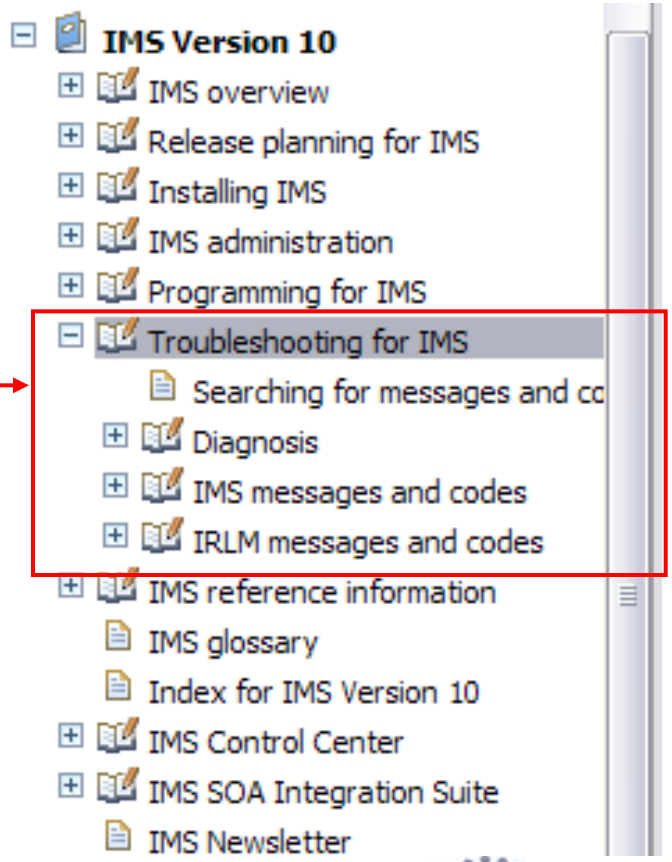
Cool features of the Information Center *(cont'd)*

- Set a search scope to search within a subset of topics

This search scope…



…searches only this subset of the tree



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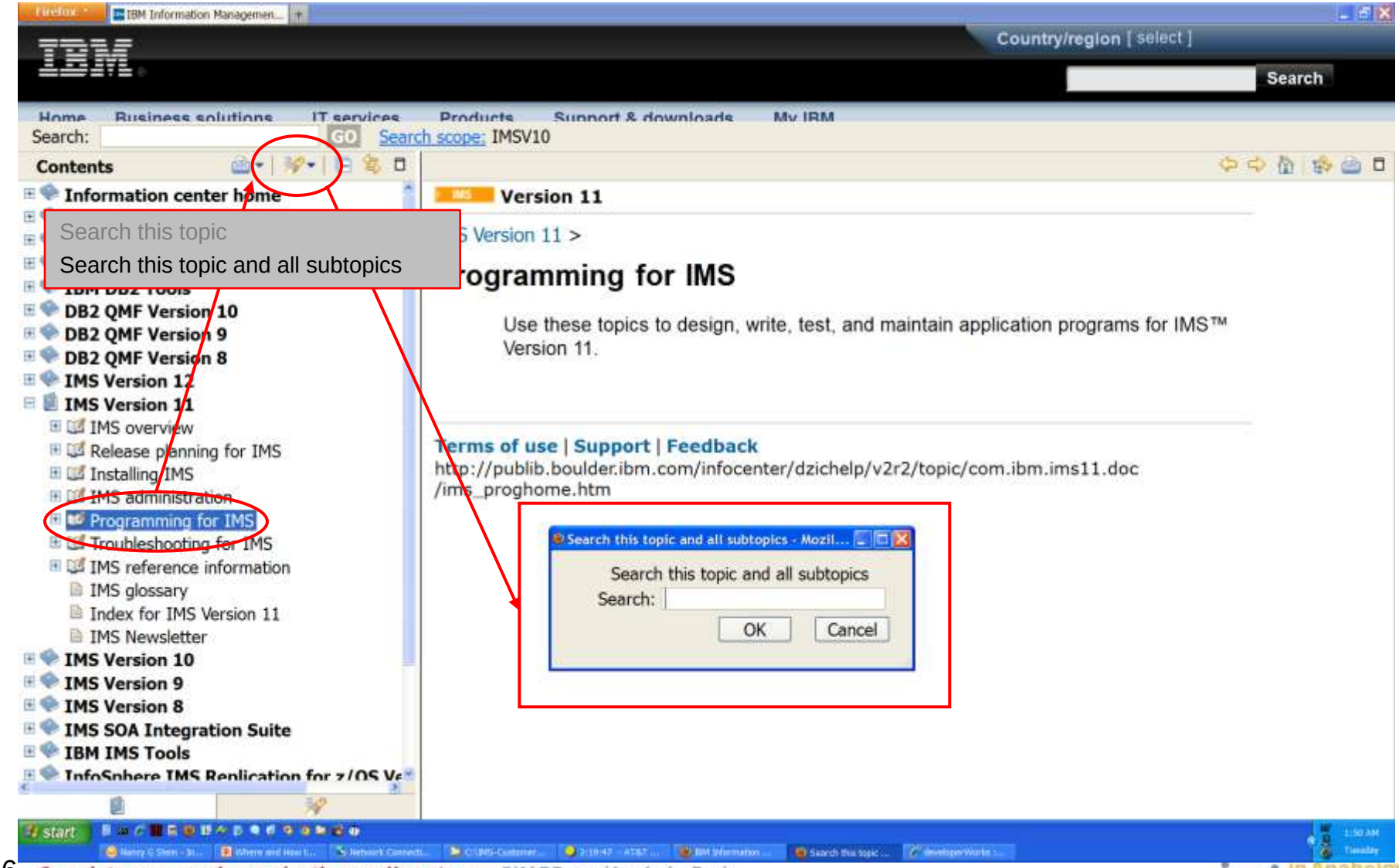
Cool features of the Information Center *(cont'd)*

- Search topic icon: Search a topic or a topic and all its subtopics



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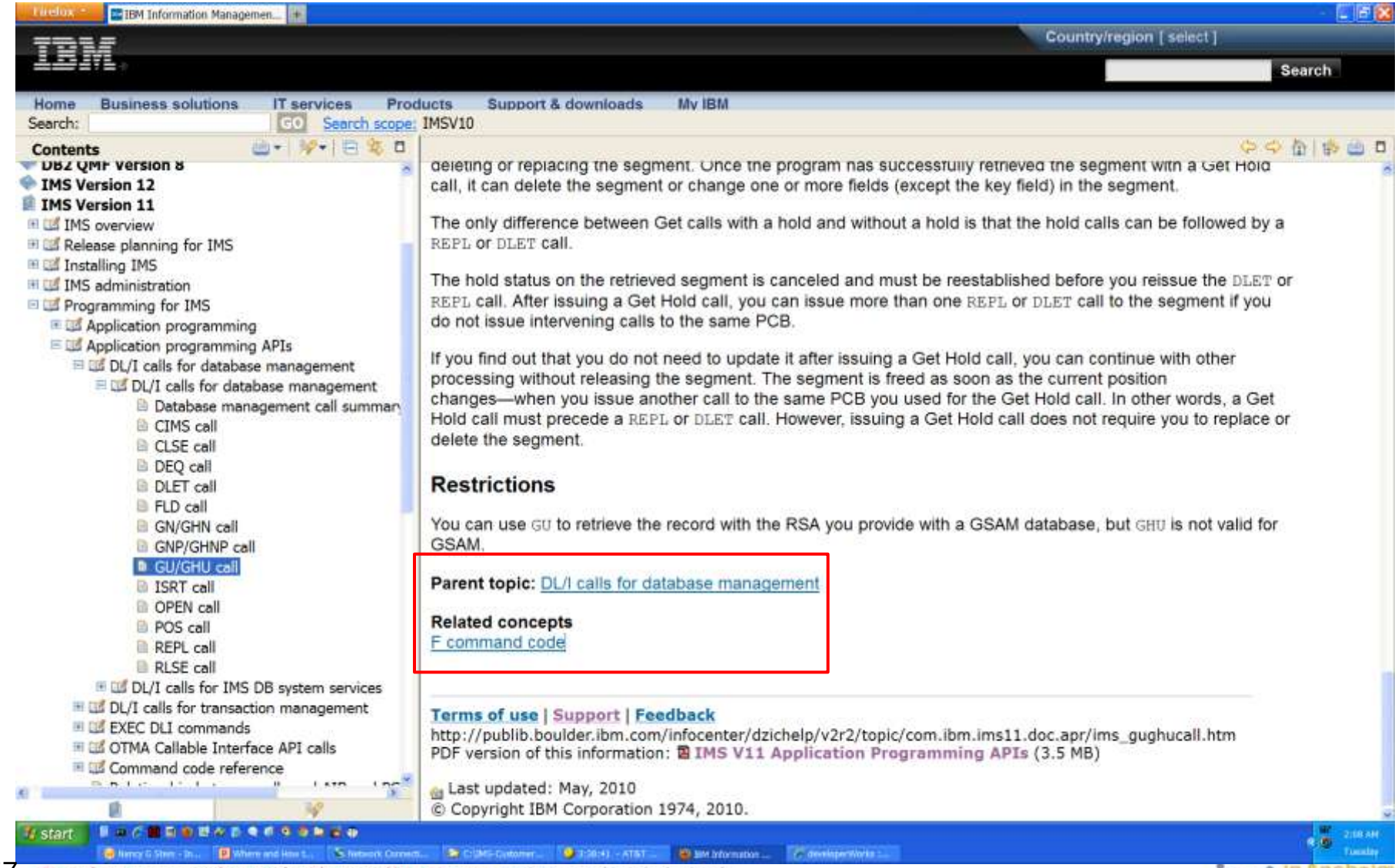
Cool features of the Information Center *(cont'd)*

- Parent topic links and links to related product information and other resources



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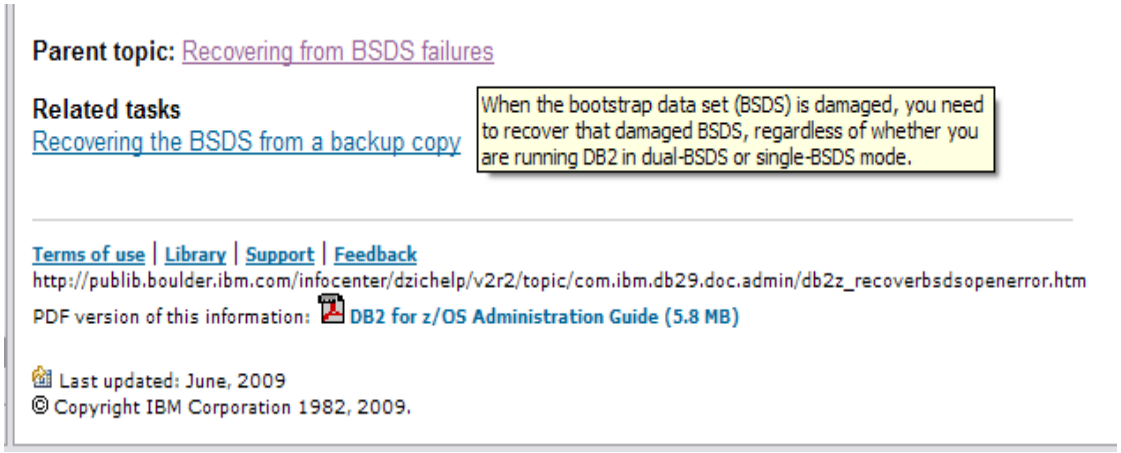
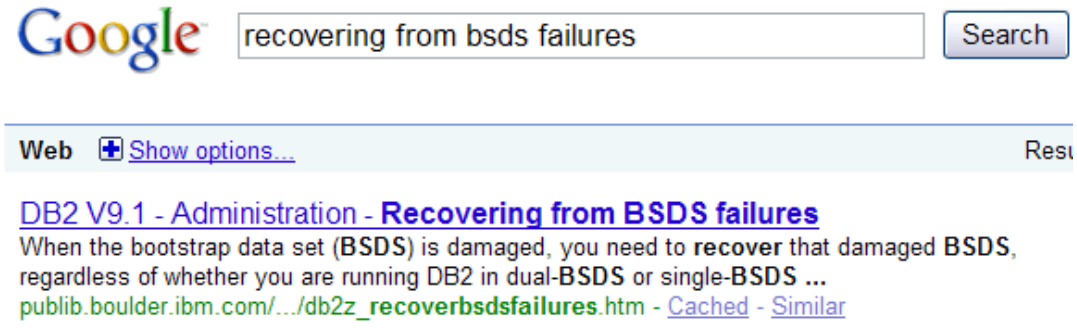
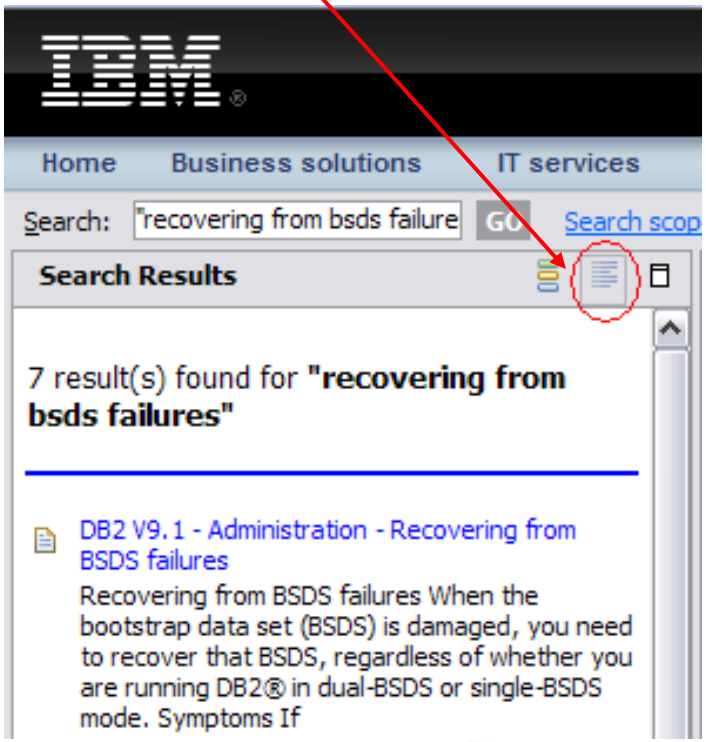
Cool features of the Information Center *(cont'd)*

- Hover over a Parent topic link or a Related task link, and you will see a *short description*, which is the first paragraph of the linked-to topic.
- Short descriptions are a preview to target topic content (and also appear in Google search results).





After search, toggle between show and hide topic descriptions



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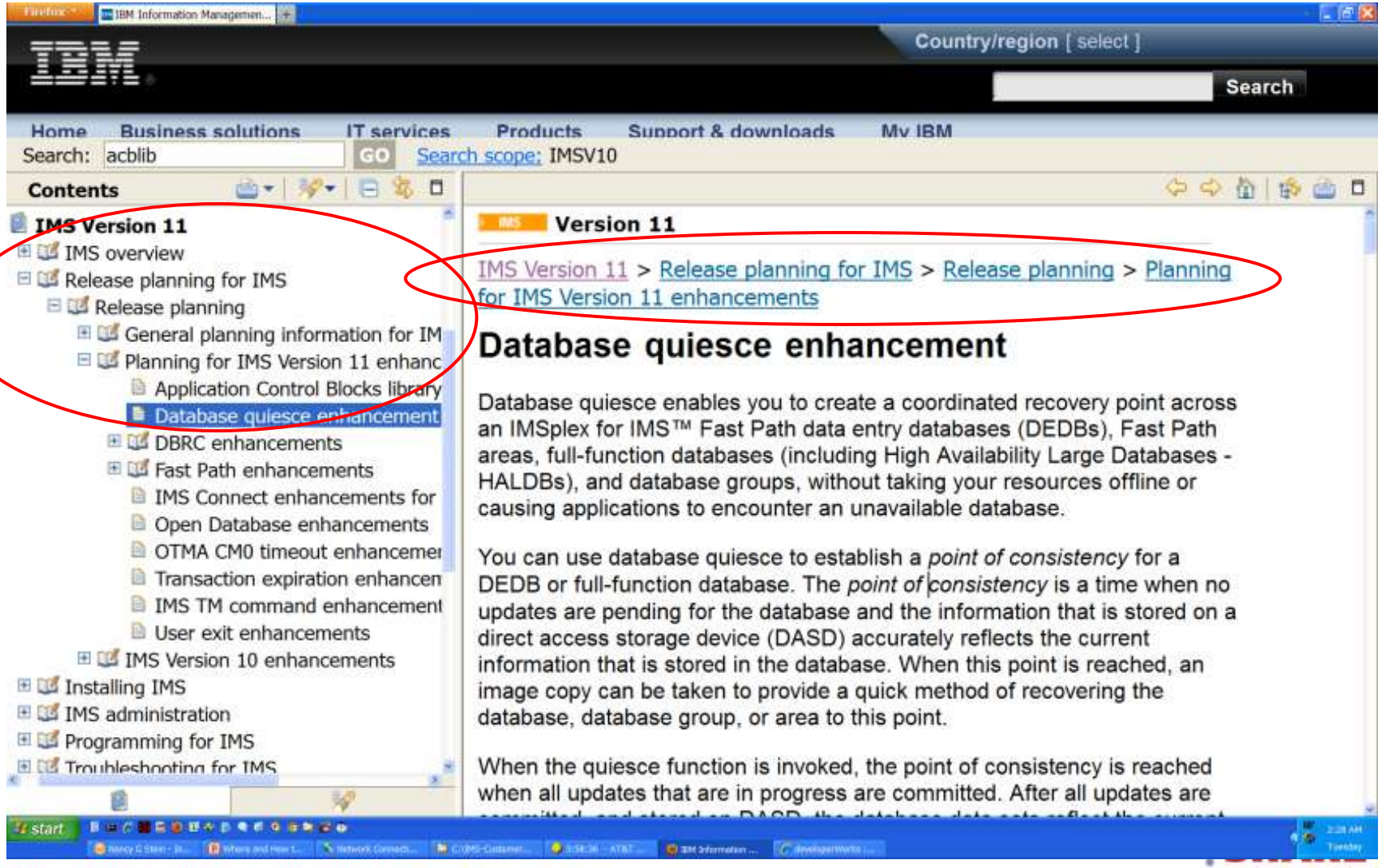
Cool features of the Information Center *(cont'd)*

- "Breadcrumbs": active links that show a topic's location within the overall center



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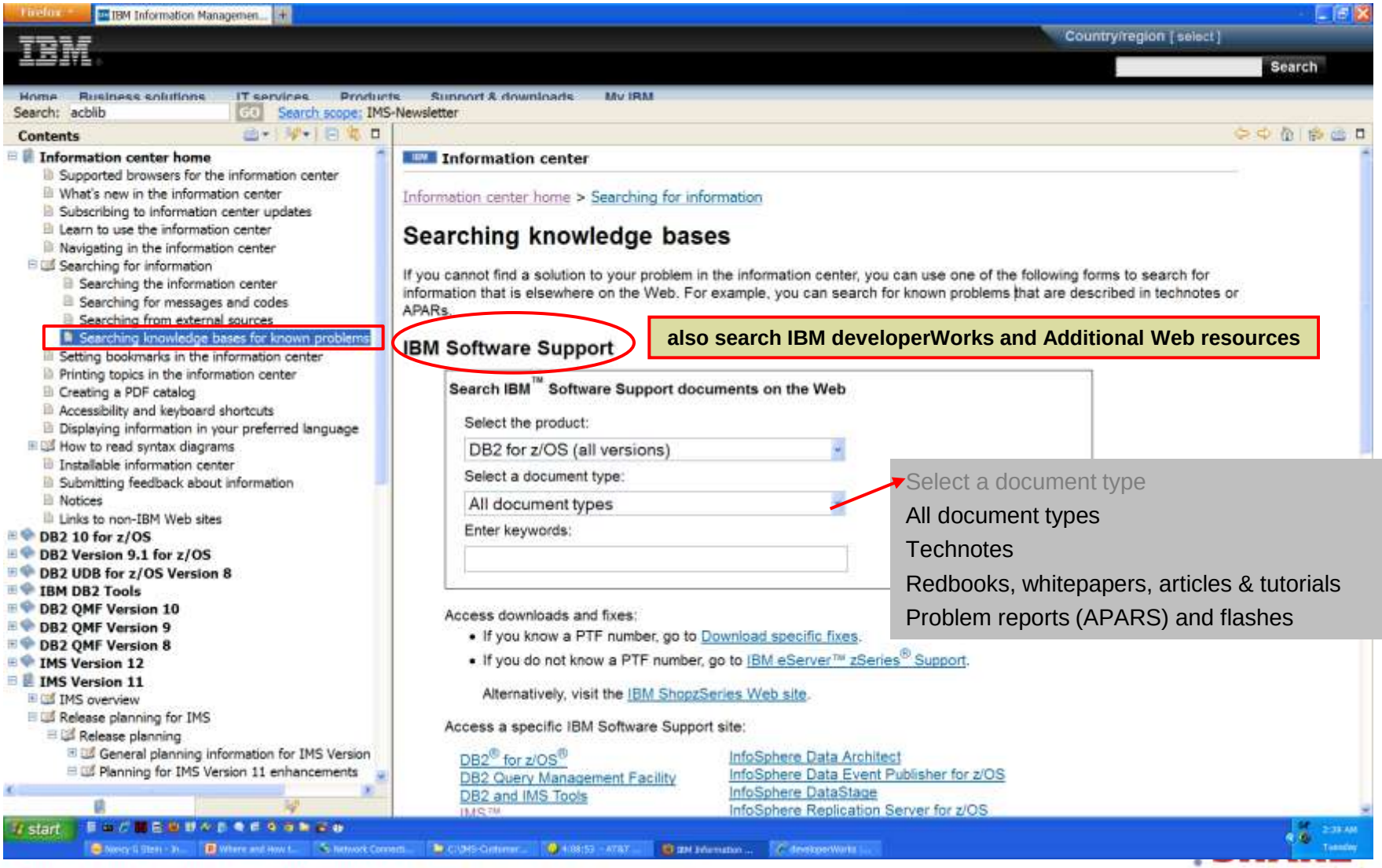
Cool features of the Information Center *(cont'd)*

- Integrated search: Technotes, APARs, Redbooks, whitepapers, articles, tutorials



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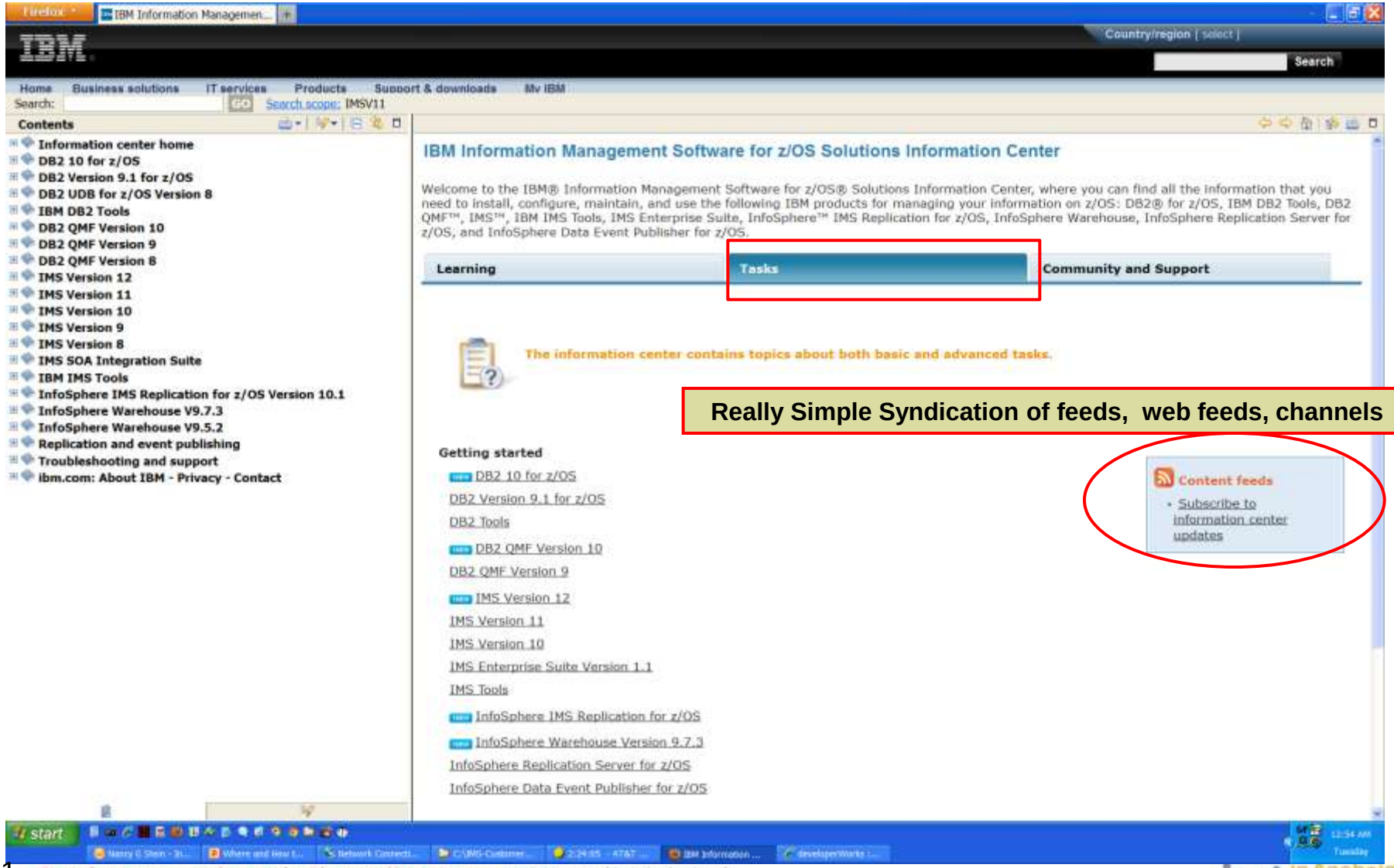
Cool features of the Information Center *(cont'd)*

- RSS feeds for automatic notification about updates



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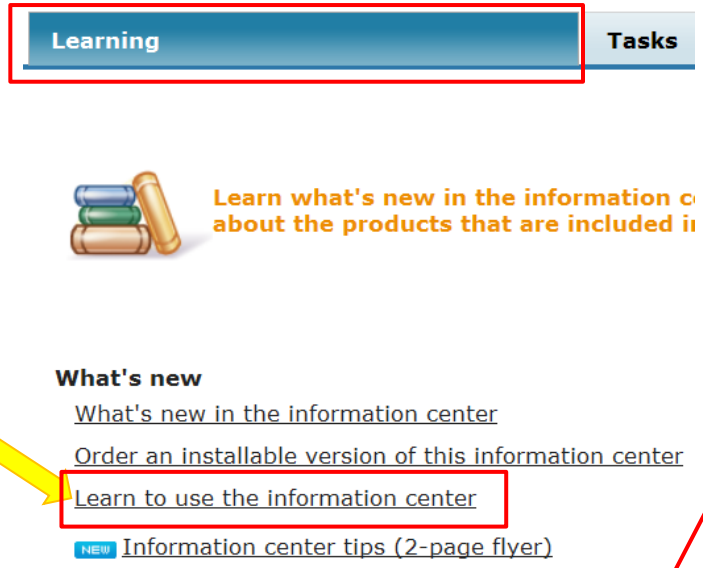
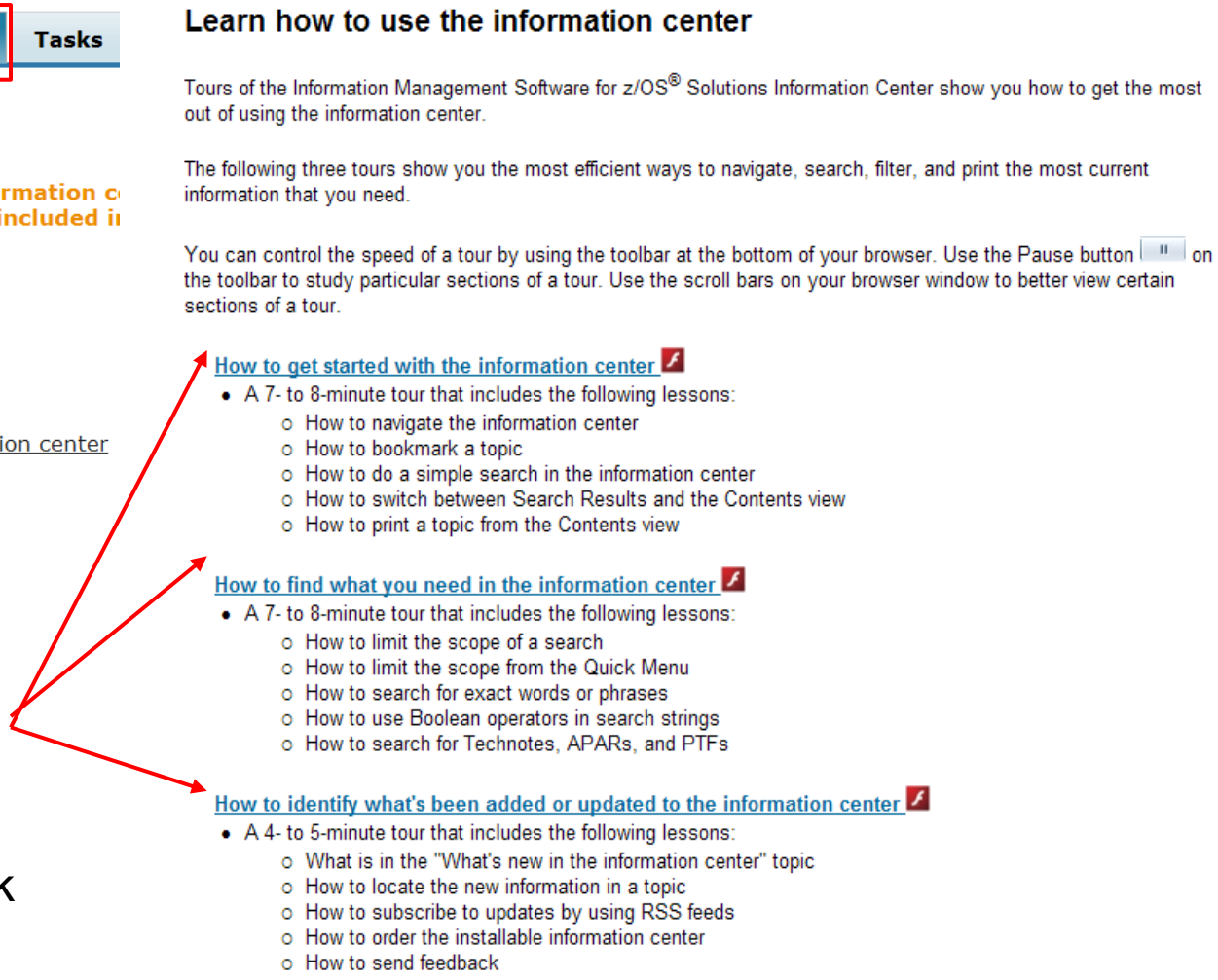
Cool features of the Information Center *(cont'd)*

- Run through Info Center education at your own pace

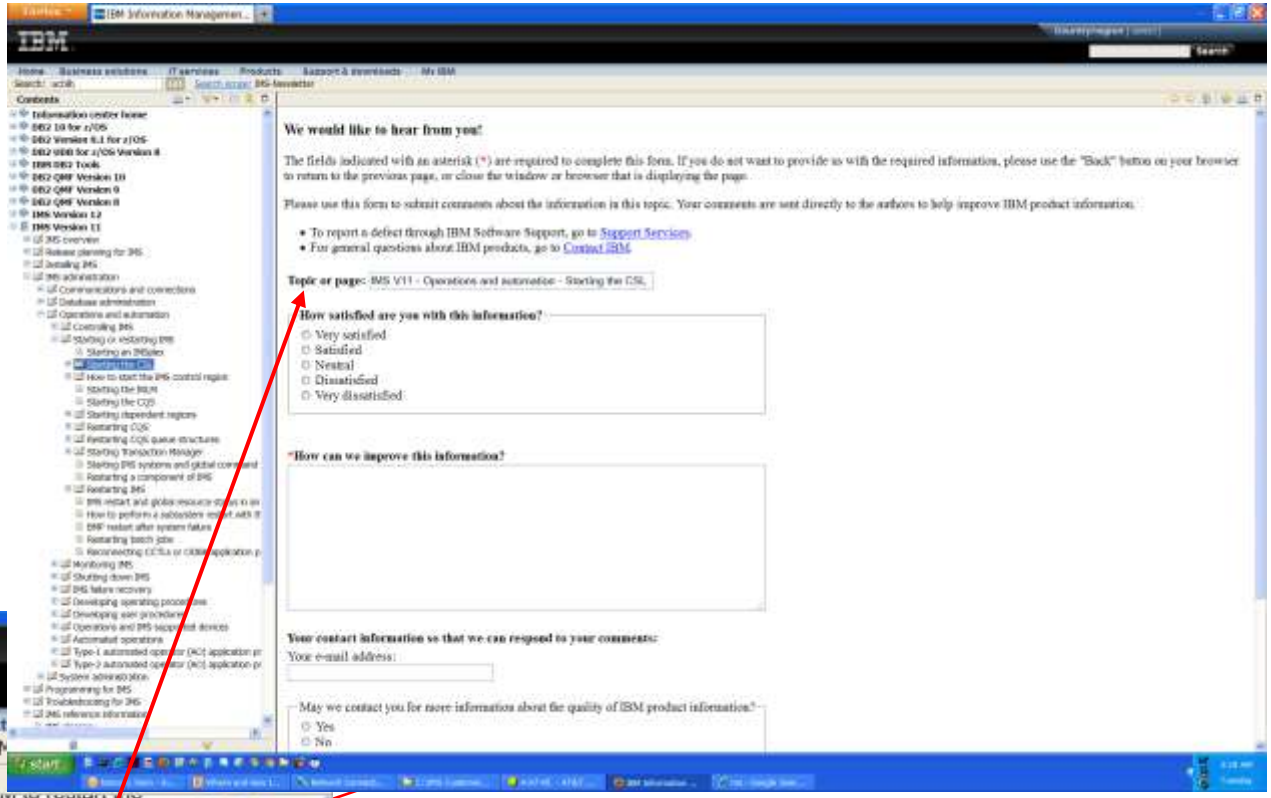


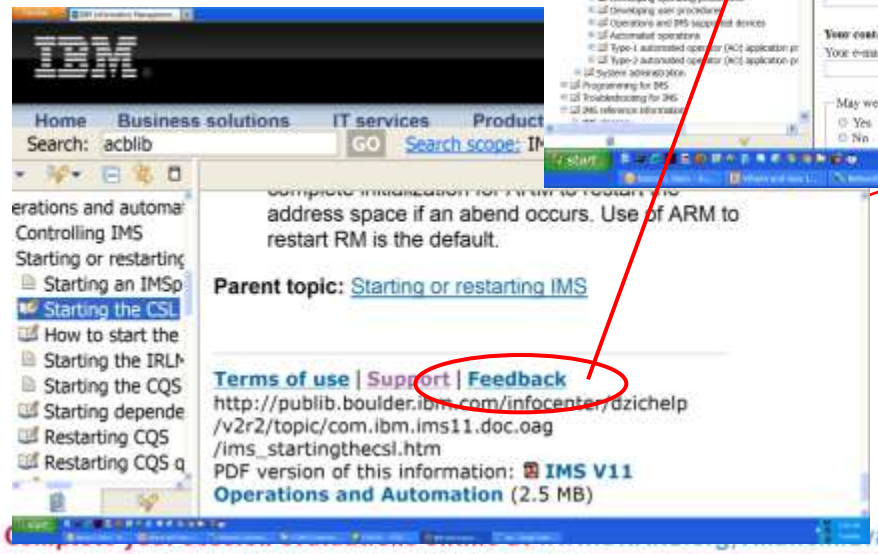


- Three animated Flash tours describe how to use the IC
- Click the "Tour the information center" link on the IC home page

Cool features of the Information Center *(cont'd)*

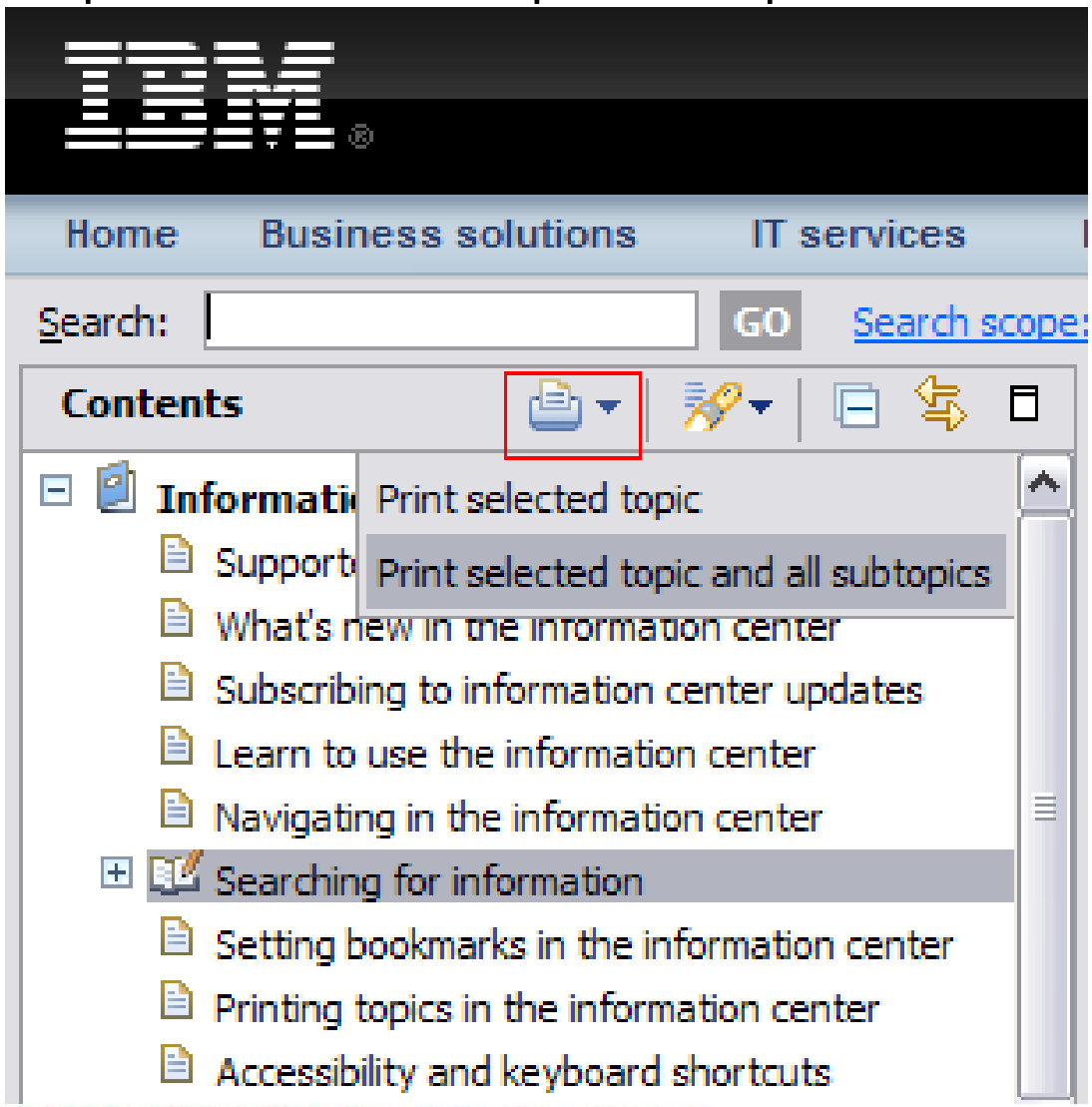
- An easy way to send us feedback
  1. Click Feedback in the bottom of any topic.
  2. A form opens that is prepopulated with topic information.
  3. Type your comments and click Submit.





Cool features of the Information Center *(cont'd)*

- Print topics icon: Print a topic or a topic and all of its subtopics



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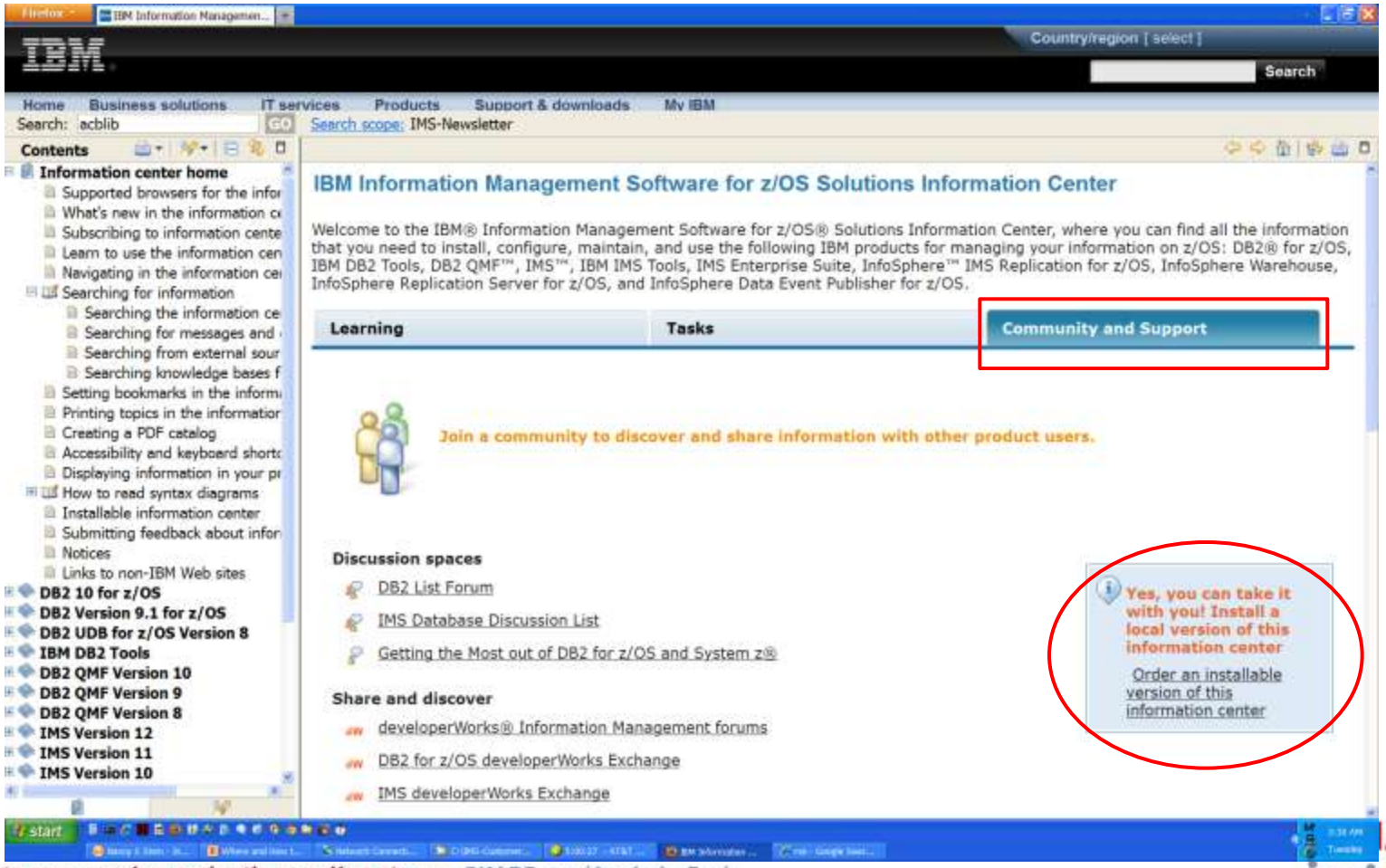
Yes, you *can* take Information Center with you

- A locally installable version is available
  - Meets the needs customers who don't have Internet access
  - Install on a computer or intranet server
  - Install only the products and versions you need



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Installable Information Center

- The installable version of the Information Management Software for z/OS Solutions InfoCenter provides the following benefits:
  - Access to the same information that is in the online information center (http://publib.boulder.ibm.com/infocenter/imzic/) without a persistent Internet connection
  - Control over which product information you download
  - A centralized documentation source. In an intranet environment, you can download and maintain the information on a single computer and access the information from other computers on the network
- The new version of the installable information center is available in multiple languages and runs on Windows XP and Windows 7.
- For information about downloading the installable information center:

  http://publib.boulder.ibm.com/infocenter/dzichelp/v2r2/topic/com.ibm.dzic.doc/installabledzic.htm

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Installable Information Center

IBM Information center

Information center home >

Installable information center

The Information Management Software for z/OS® Solutions Information Center is available as an installable information center for Microsoft Windows XP and Windows 7 systems. The locally installed version of the information center offers robust search and print functions.

The installable information center includes the same content as the online information center, and it can run without access to the Internet. The installable information center provides the flexibility to install documentation for only those products that you are interested in, including multiple versions of DB2® for z/OS, IMS™, DB2 and IMS Tools, DB2 QMF™, InfoSphere® Warehouse, and more. An update mechanism helps ensure that the documentation is always current.

With the installable information center, you can run a local information center or an information center server. If you run the local information center, the documentation can be viewed only on the machine that it is installed on. Running the information center as a server enables others on your local network to view the documentation in a web browser without installing the information center on their local machines.

The installable information center requires the following components:

- Information center framework
- Information collections for individual products

To obtain the installable information center framework, use one of the following options:

- Download it from an IBM.com site:
  1. Go to https://www.ibm.com/services/forms/preLogin.do?source=swg-insinfozOS. You must have an IBM.com ID to access this site.
  2. Follow the installation instructions that are provided with the download.
- Install it from one of the following product offerings:
  1. Go to the Shopz website. You must register as a user on this site.
  2. Search for one of the following offerings:
     - DB2 Accessories Suite for z/OS V3.1, product number 5697-Q04
     - IMS Enterprise Suite for z/OS V2.2, product number 5655-T62
  3. Order or download either of the preceding offerings, both of which include the installable information center framework.
  4. Follow the installation instructions that are provided with your download or physical media.

The information center framework initially contains no product documentation. After you install the information center framework, you can choose the information collections that you want to install.

To obtain information collections, use the Update wizard of the installable information center. For details, see the "Adding and updating information collections" topic in the installable information center. Information collections also came on a CD when you ordered DB2 for z/OS or IMS; however, use the Update wizard to get to the most current product documentation.

https://www.ibm.com/services/forms/preLogin.do?source=swg-insinfozOS

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Links to Information Center Resources

- External IM Information Center:
  - http://publib.boulder.ibm.com/infocenter/imzic
- InfoCenter URL for IMS V12 documentation:
  - http://pic.dhe.ibm.com/infocenter/dzichelp/v2r2/topic/com.ibm.ims12.doc/imshome_v12.htm
- InfoCenter URL for IMS V13 Release Planning Guide:
  - http://publib.boulder.ibm.com/infocenter/dzichelp/v2r2/topic/com.ibm.ims13.doc.rpg/rpg.htm
  - This manual will be updated / republished when the product becomes generally available
- InfoCenter URL for IMS Enterprise Suite V2.2
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- Search for APARs and PTFs from the Information Center:
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Why use an the IMS Information Center ?

1. Contains more than just IMS product information (ie. Tools, DB2, CICS, z/OS)
2. The Manual PDF files are available there. No need to go to the IBM Publications Center (unless you want to print or buy a book)
3. It's current (Promise!)
4. We'll tell *you* when it's been updated (nudge, nudge)
5. You *can* take it with you (installable version)
6. Search-ability and Google-ability
7. Plays well with others (no additional software is required to use it)
8. Free tours are available (animated viewlets)
9. It's very easy to complain or to compliment (Feedback)
10. More than 23 million hits from over 63,000 users per month

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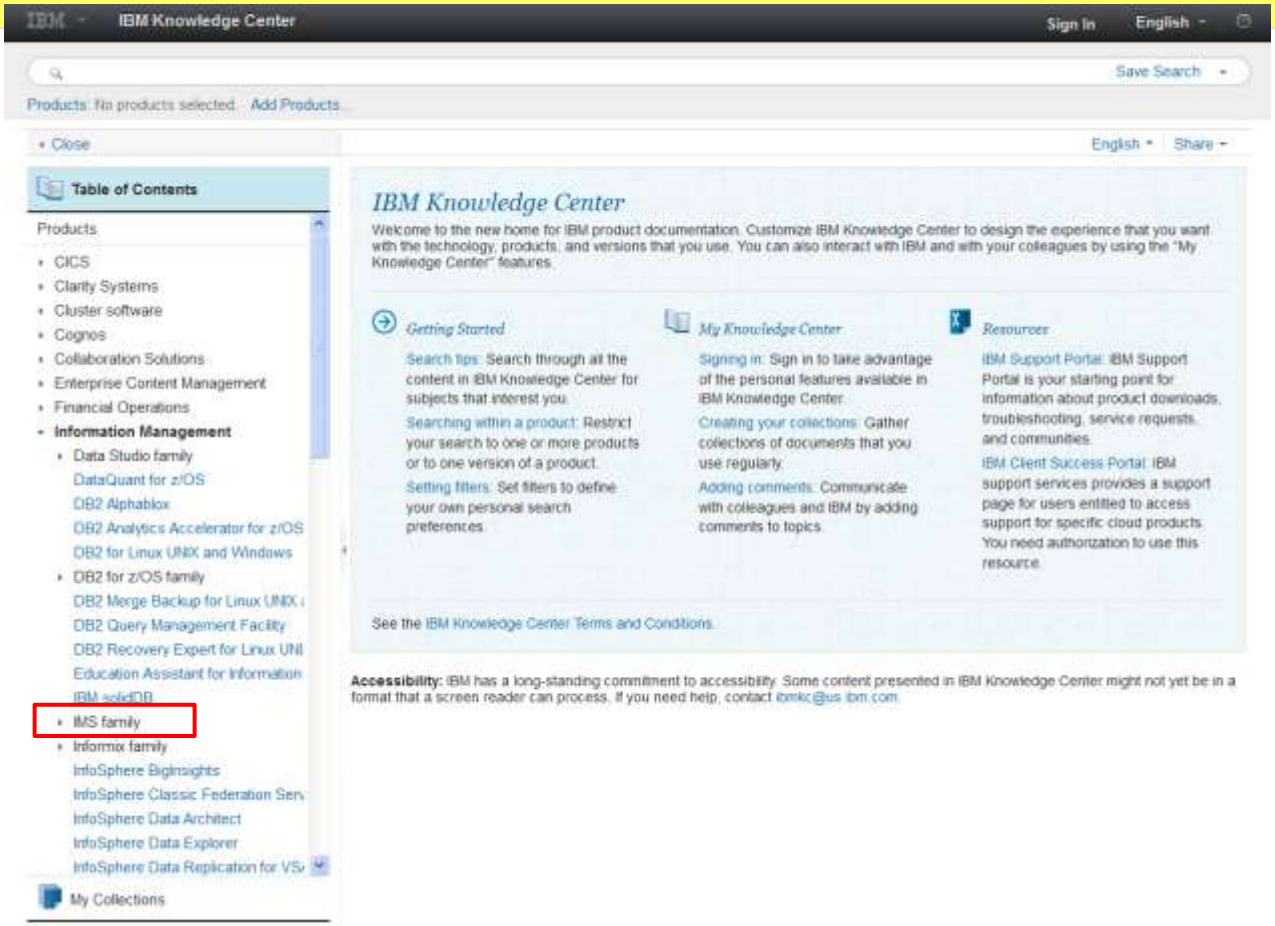

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Resources

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IBM Client Success Portal: IBM support services provides a support page for users entitled to access support for specific cloud products. You need authorization to use this resource.

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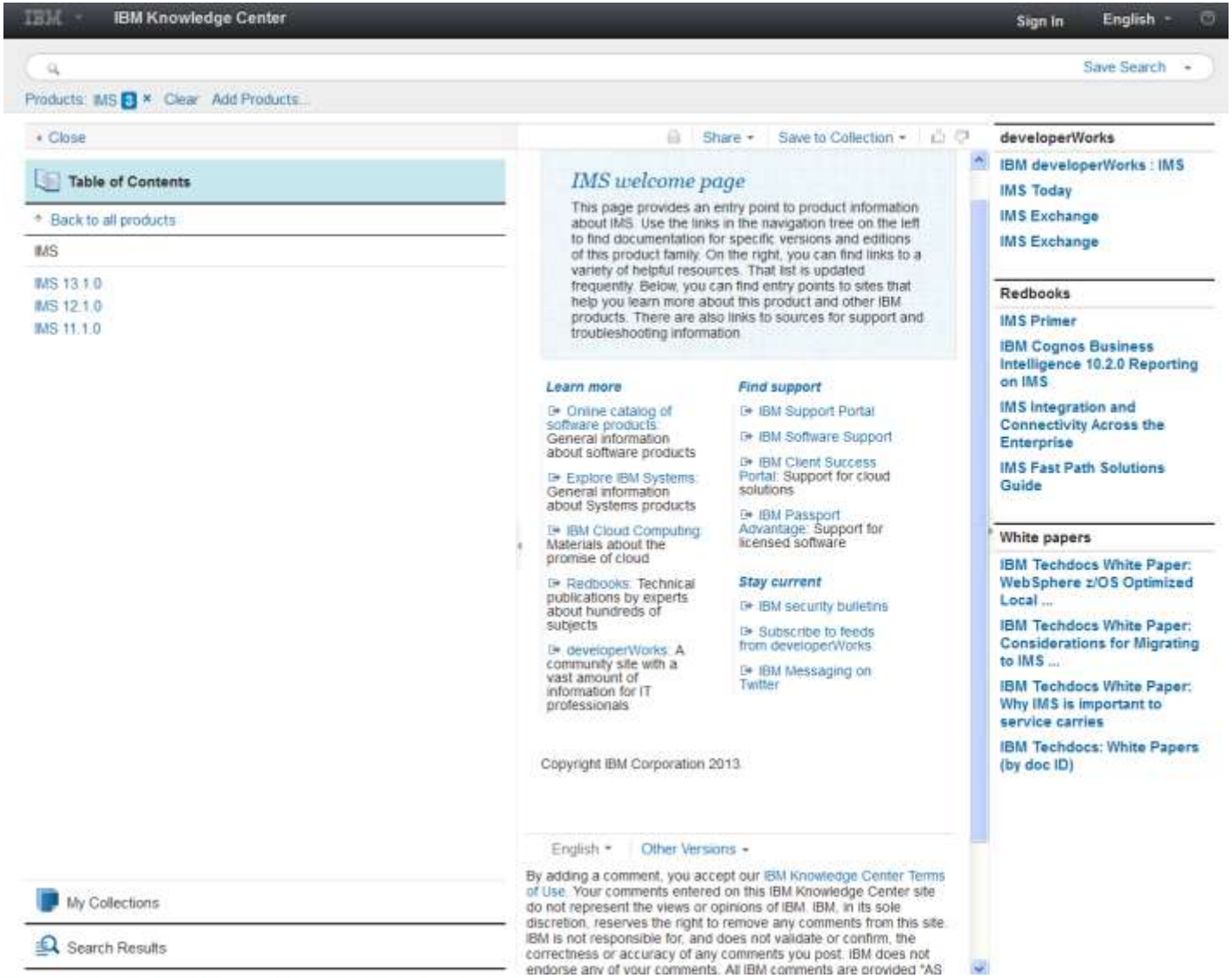
IBM Knowledge Center - IMS family/IMS



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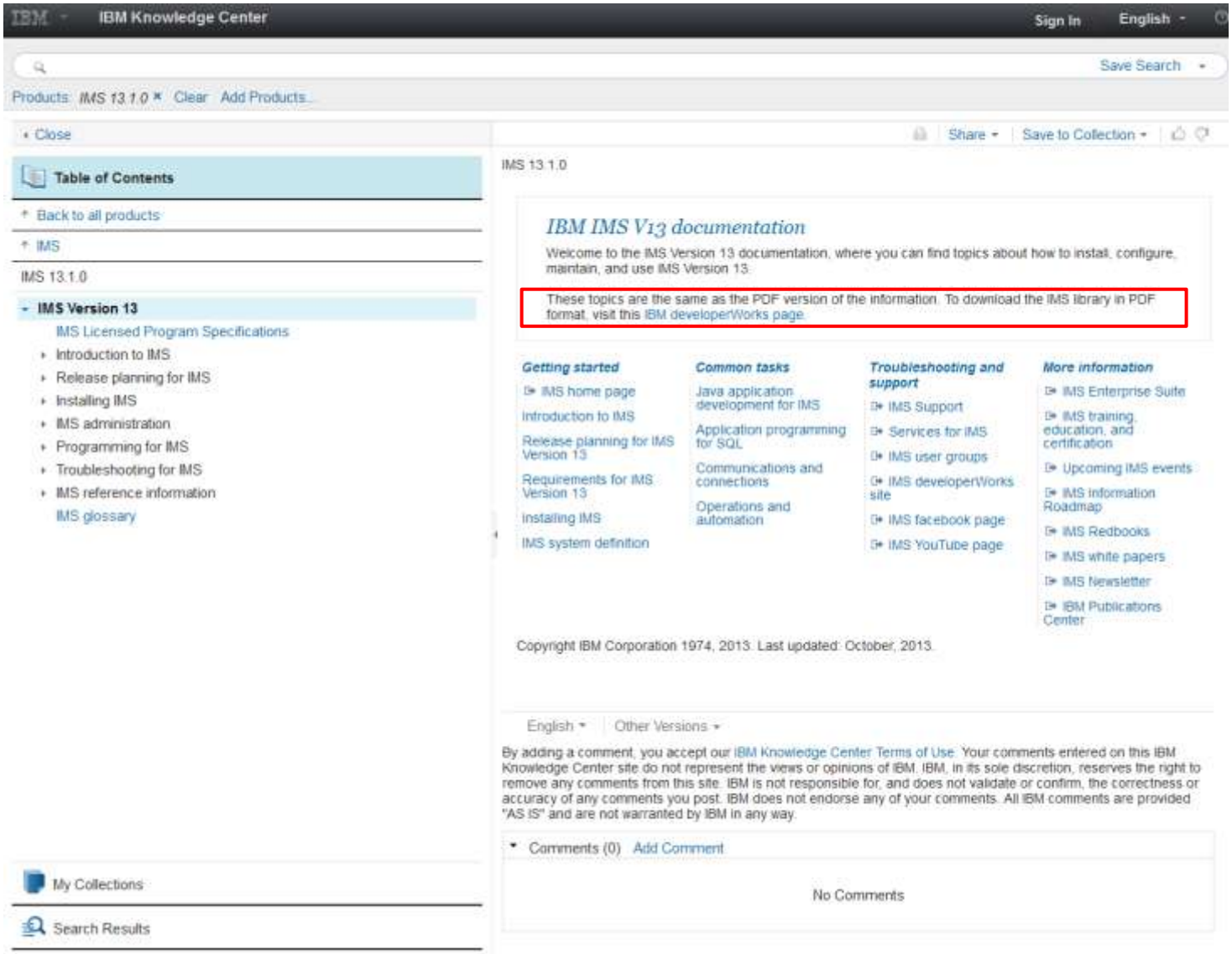

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Organized by function:

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- Installing IMS
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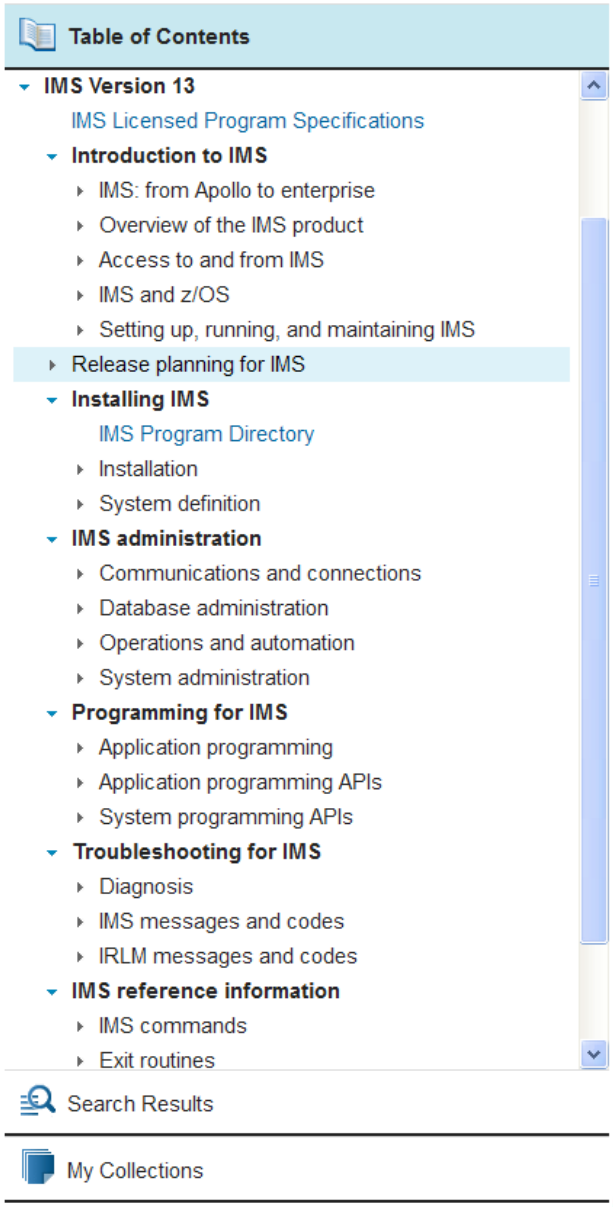
- Programming for IMS
- Troubleshooting for IMS
- IMS Reference Information
- IMS Glossary



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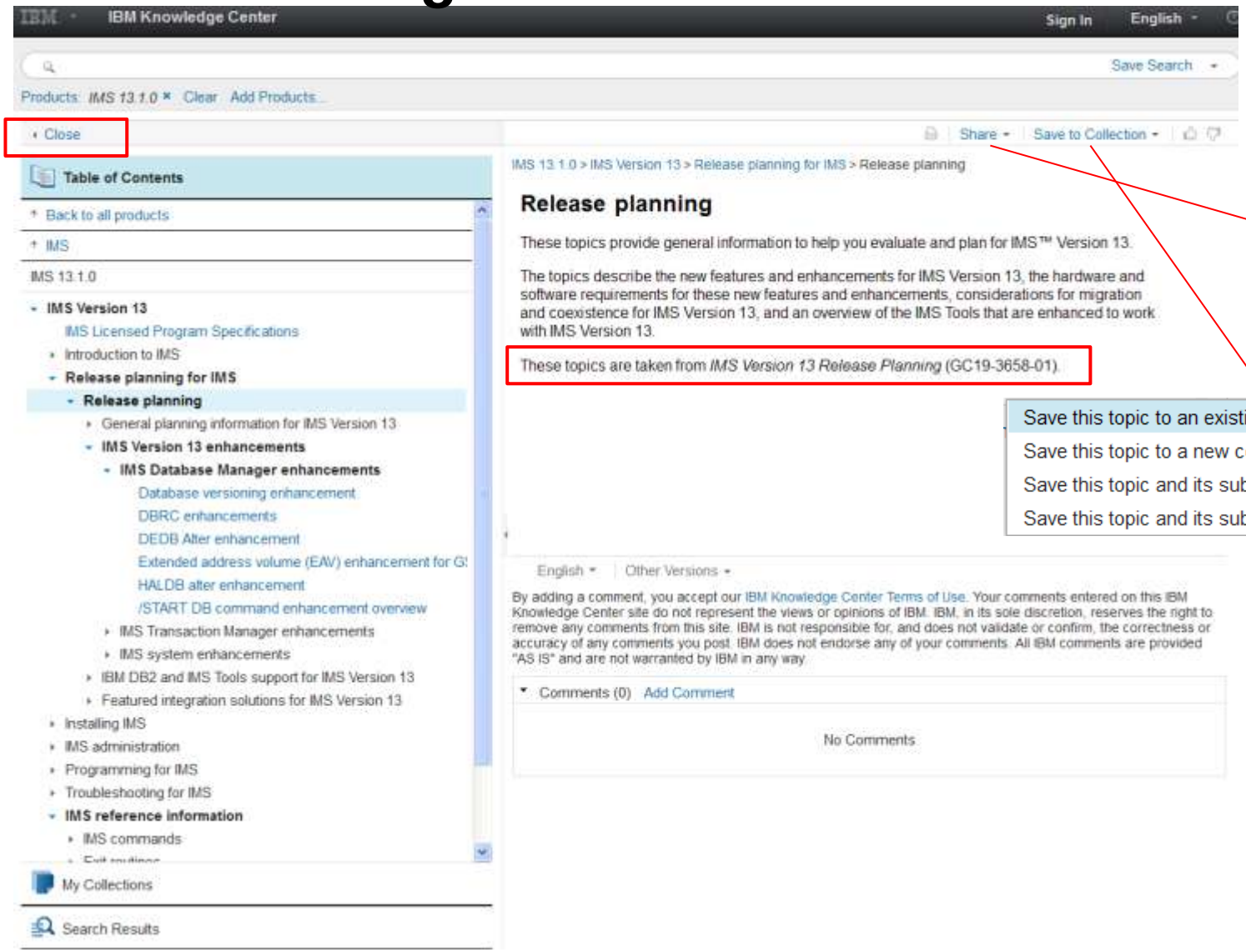

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An Introduction to IMS – Second Edition

- Update includes IMS 10, IMS 11 and IMS 12 functions
  - http://www.amazon.com/Introduction-IMS-Complete-Information-Management/dp/0132886871

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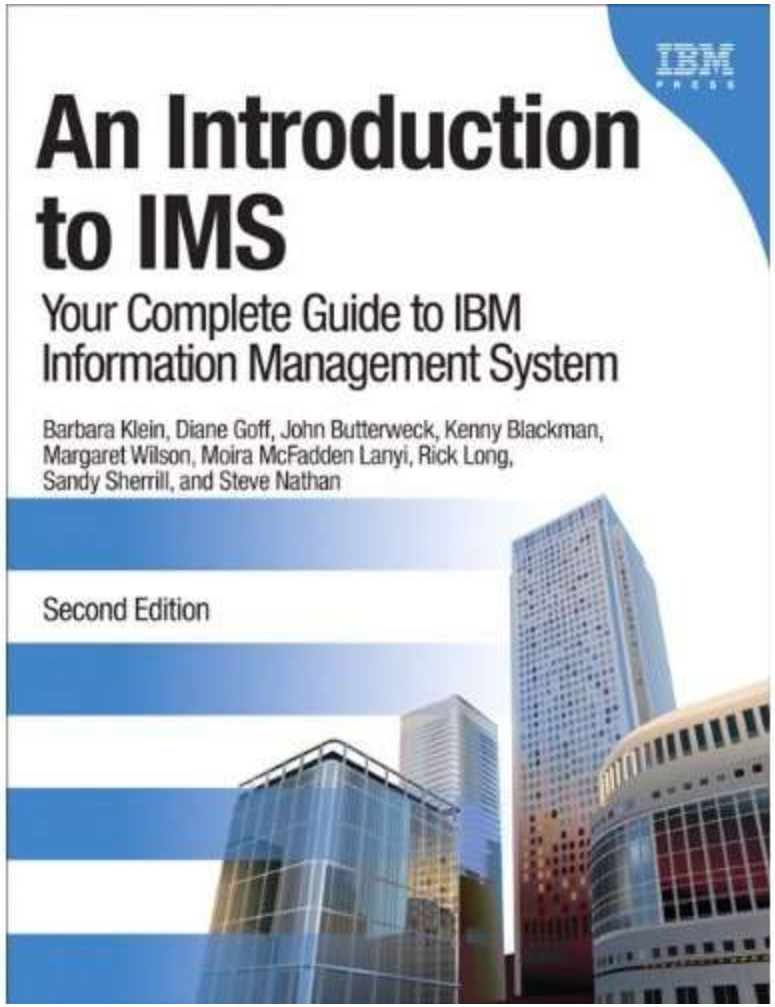

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