



Where and How to Find IMS Information (2014 Edition)

Nancy Stein

IBM – IMS Advanced Technical Sales Support

Wednesday, March 12, 2014 Session #14785

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Agenda



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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.

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2.1 "Full function" databases

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2.3 High Availability Large Databases (HALDBs)

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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]



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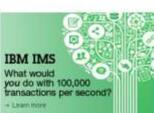




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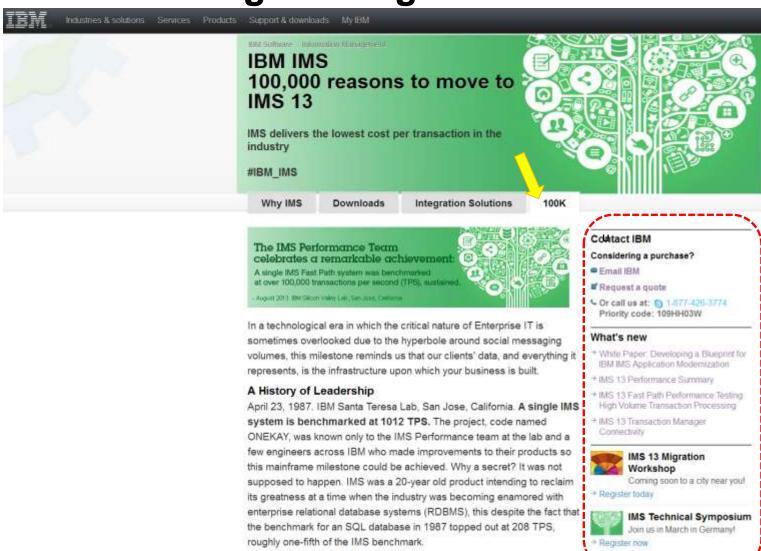


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- The IMS Performance Team
 - A single IMS Fast Path system was benchmarked at over 100,000 TPS, sustained
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- Perspective, Hindsight, and What's Next for IMS
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- 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

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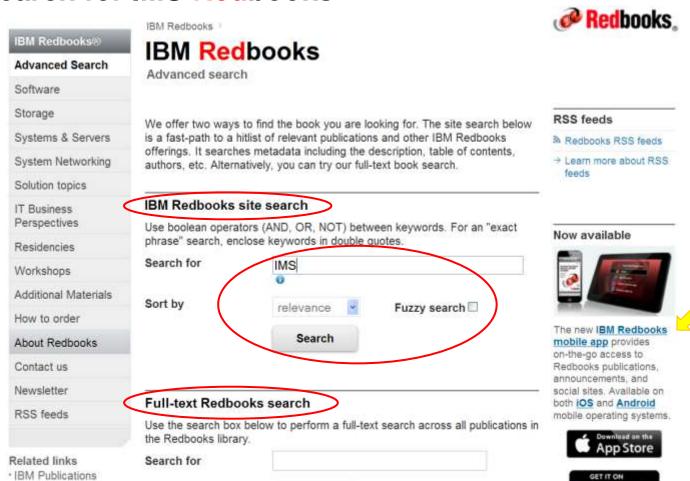
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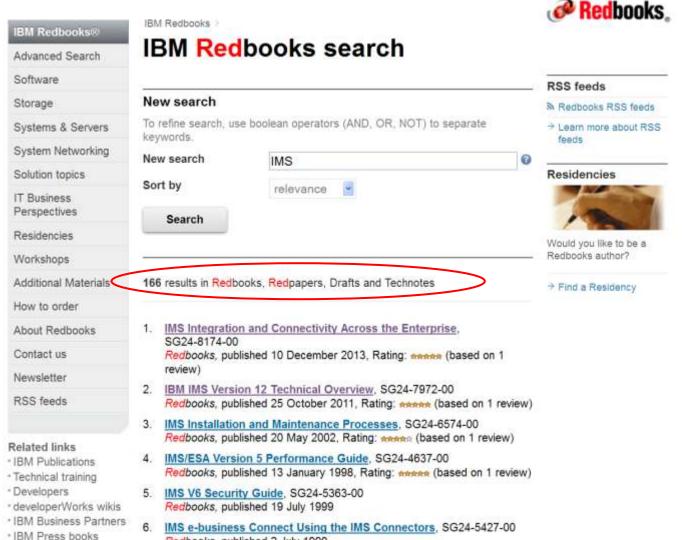


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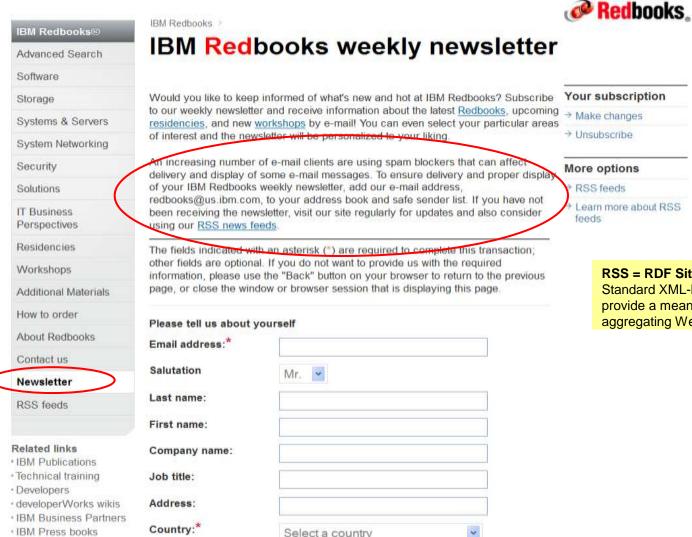
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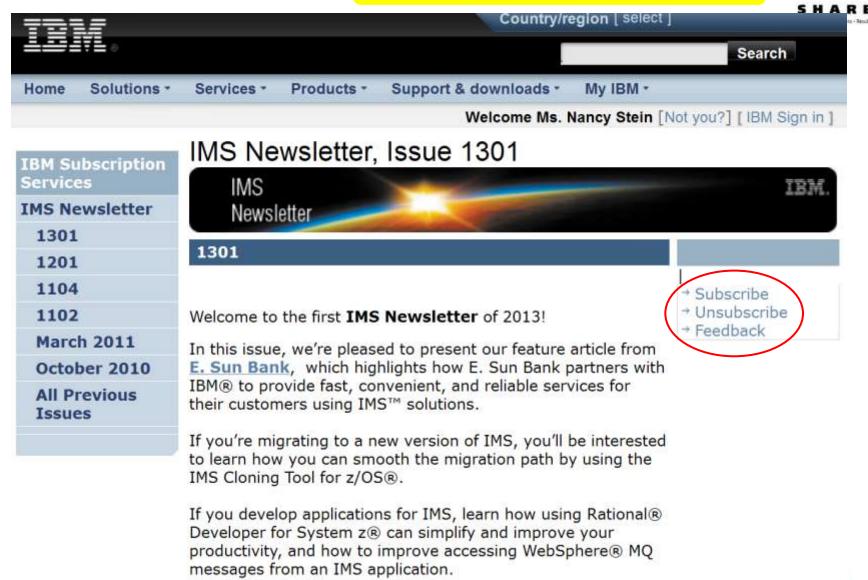
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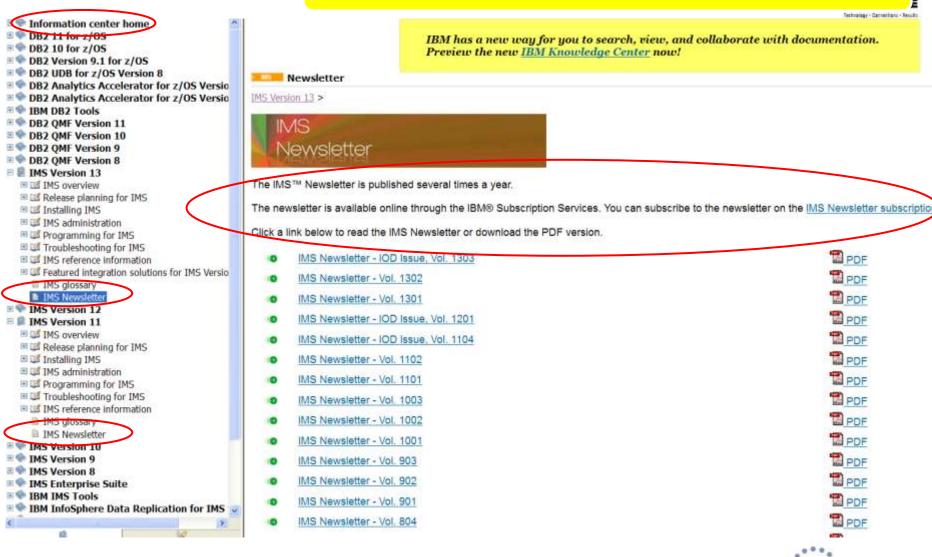
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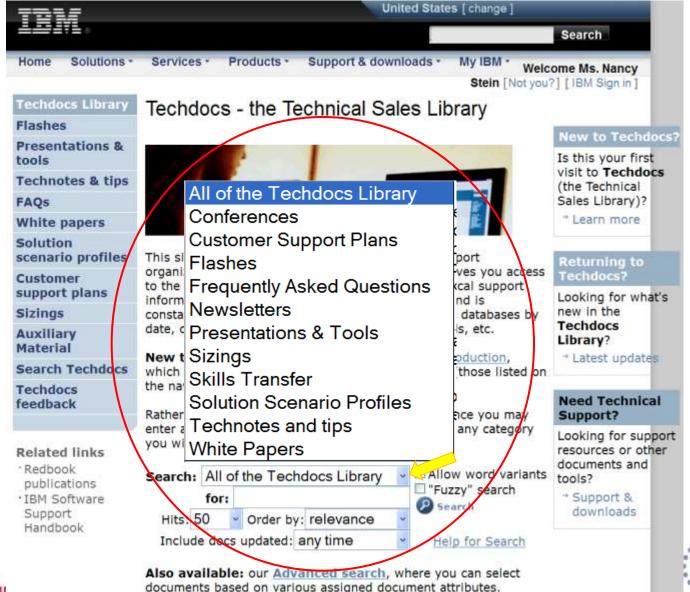




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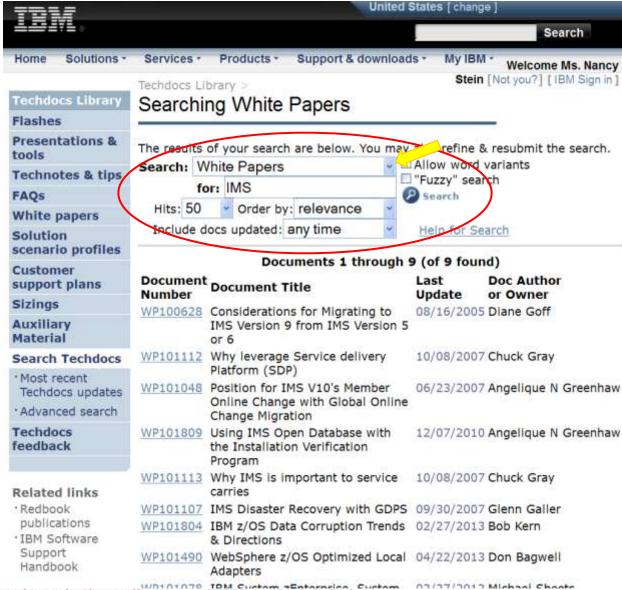


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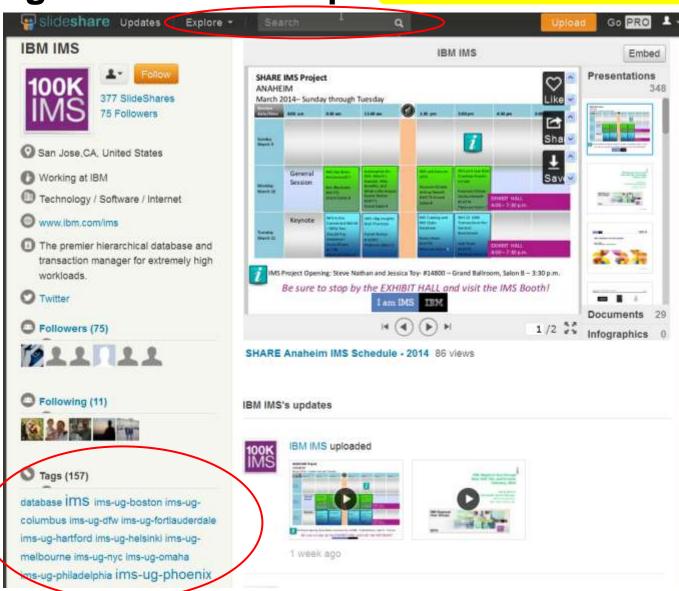
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The Virtual IMS user group is an independently-operated vendor-neutral site run by and for the IMS user community.

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.

8+1 0 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.

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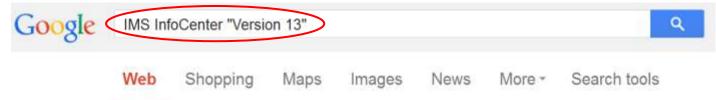
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- IMS U3303
- IMS Enterprise Suite

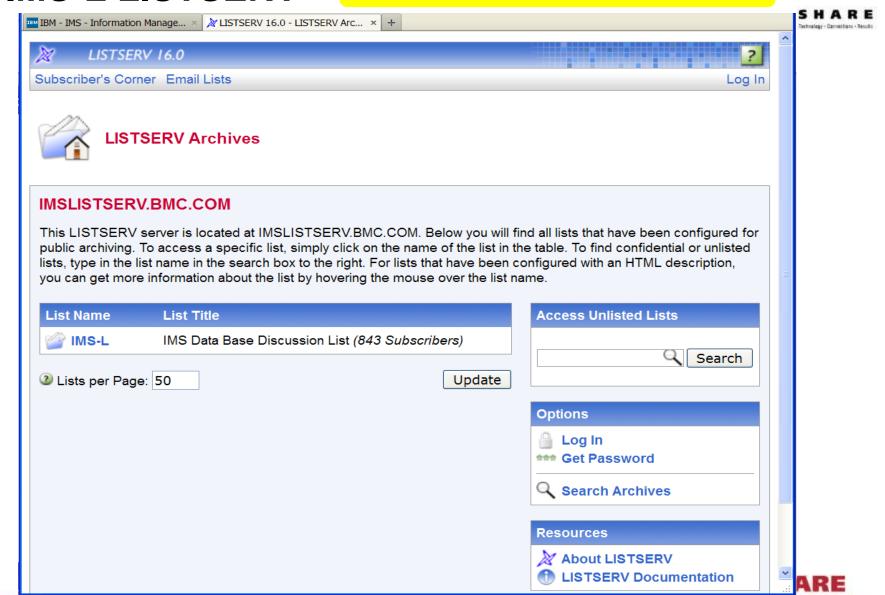


### **IMS-L LISTSERV**

### **IMSLISTSERV.BMC.COM**



· · · In Anaheim



# **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



### **IMS-L LISTSERV Discussion Archive**



Logged in as: ngstein@us.ibm.com

LISTSERV 16.0

Subscriber's Corner Email Lists

Preferences Log Out







# IMS on developerWorks



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

Log in to participate

### * IMS Exchange



Overview

Recent Updates

Members

Blog

Files

Bookmarks

* Tags

### Find a Tag

admin blog demo example examples exchange files

ibm ims ims

ims soap install jol

### * Community Description

Welcome to the IBM IMS Exchange, a place for IMS developers and administrators to share examples and best practices. Click here for a list of IMS examples.

Permanent link to this page: https://ibm.biz/BdxghW

To submit an example to the Exchange:

- 1. Create an example that follows the IMS Exchange guidelines:
  - You are the original creator of the entire example.
  - o The example is intended for users of IMS.
- Read and agree to the developerWorks Submission of Content Agreement and IBM.com terms of use.
- 3. Upload your file to developerWorks Files.
  - Instructions about how to add a file
  - Information about files on developerWorks
- 4. Send an email to the Exchange administrator with the following information:
  - Your full name
  - o Company affiliation, if any
  - · A brief description of your example
  - o A link to the example on My developerWorks files

### Important Bookmarks

IMS Best Practices
IMS Examples collection
IMS Today Blog

### Members



View All (19 people)



### IMS on FaceBook

### http://www.facebook.com/IMSFans





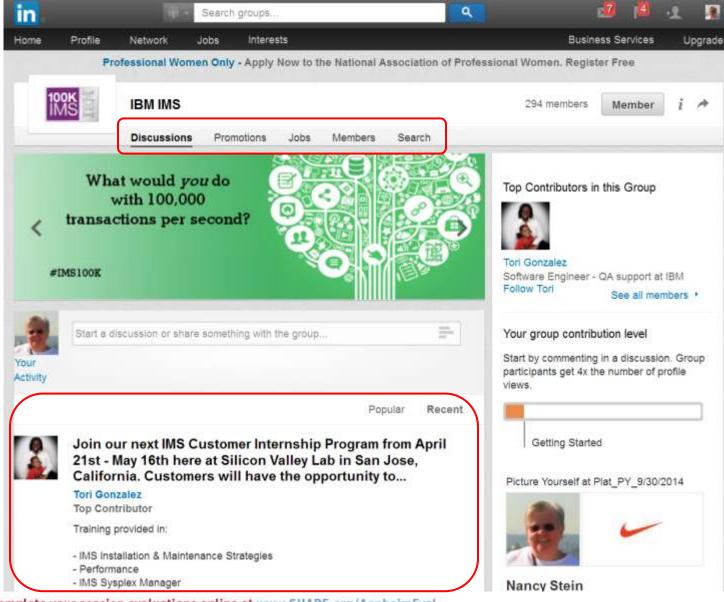


### IMS on LinkedIn

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









### "IBM IMS" on Twitter

### https://twitter.com/IBM IMS



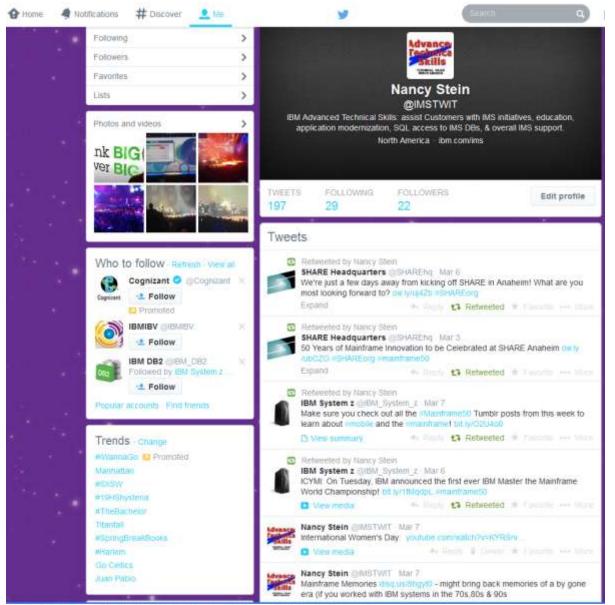


### "IMSTWIT" on Twitter

### https://twitter.com/IMSTWIT









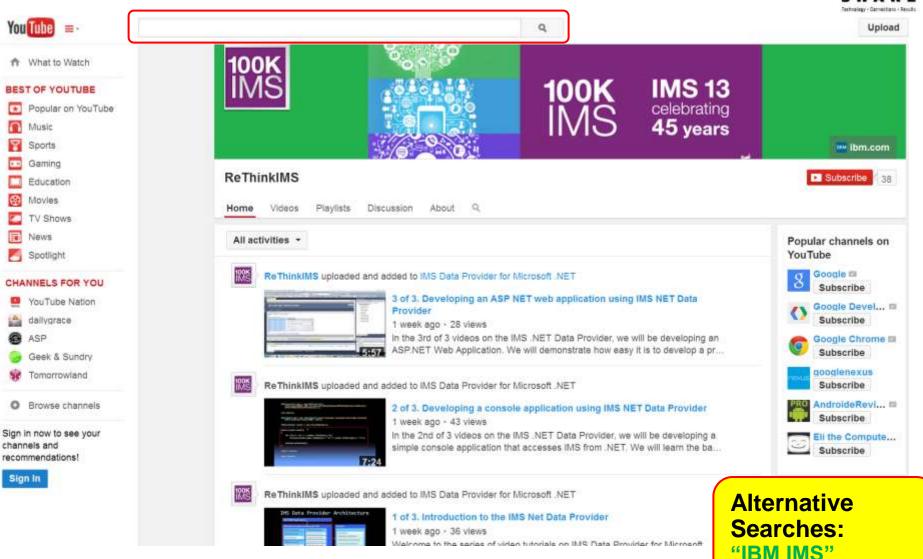


### IMS on YouTube

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



"IBM IMS Tutorial"

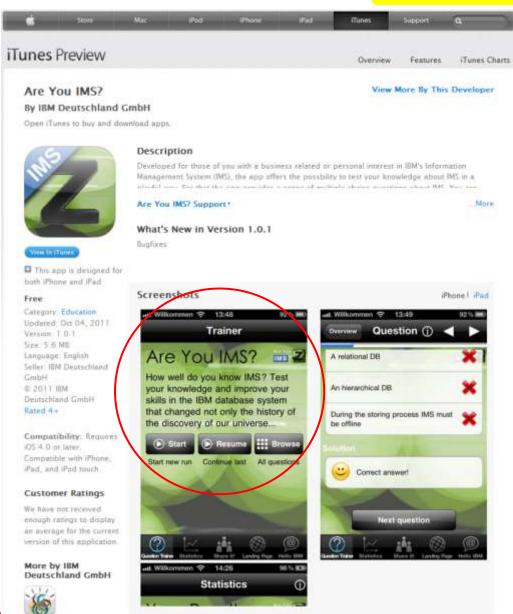


### IMS App in the APPLE Store

### http://bit.ly/qm4n8E



Rechnology - Connections - Results



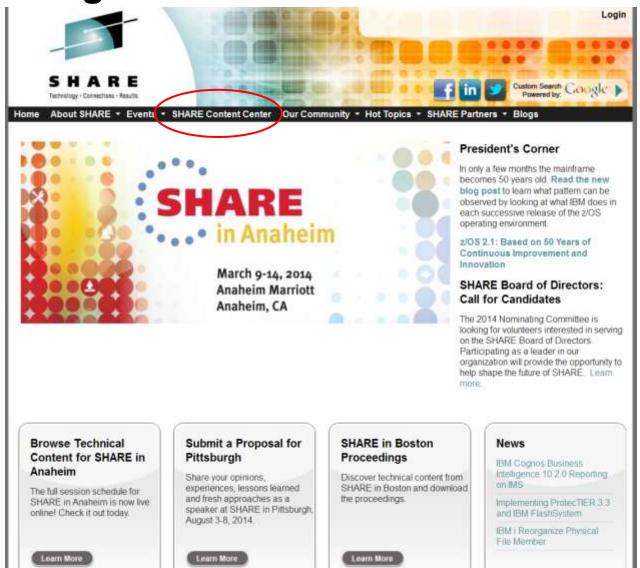
Test your IMS knowledge with a range of multiple choice questions!



# **SHARE Organization**

### www.share.org







### SHARE Content Center

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







#### **SHARE Content Center**

The search options below just begin to scratch the surface of SHARE's in-depth knowledge and vast resources. If you guickly want to find just the right piece of information, try SHARE's Advance Search Tool and narrow the content by keyword, release date and categorization

#### **Content by Event**

#### Content by Area of Interest Application

Architecture

Files]

Development [Hide

CICS Loader

Domain and LSRPool Changes

· Assembler "Boot

Camp" Part 1 of 5

View all files (385 total)



- Application Architecture
- Development Communication Infrastructure
- Enterprise Data Center
- Information Management

View all topics (7



Development and Integration [Hide Files]

- WebSphere SvsAdmin and SysProg Hands-on Lab
  - Language **Environment Futures** Workshop and AMODE 64

#### SHARE in Anaheim 2011 [Hide Files]

- How do you do what you do when vou're a z196 CPU
- · Deploying a Secure Reliable and Efficient Business Intelligence Solution

#### **SHARE Select Content**

Session Recordings by Conference [Hide Files1

- DFSMSdss Basics and What's New in DFSMSdss
- 11786 Everything You Always Needed to Know About zEnterprise Server Firmware Support and Maintenance

View all files (25 total)

#### Search the Content Center

▼ Search Go

#### Your Favorites

You do not have any favorites selected. To add a favorite, click the favorite button in the box on the right side of any item you are viewing.

#### **New in Favorites**

No Files



#### SHARE in Anaheim 2012 [Hide Topics]

- Application Architecture Development
- Communications Infrastructure









# **Guide SHARE Europe / Nordic**



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



Welcome to the GSE Nordic Web site in cooperation with Content Management and Enterprise Modernisation

... One to the Wending Groom

You are here: Home / Organisation / Nordic Region / Purpose





#### **GSE Nordic Content**

#### Home

- About GSE
- * invitation

Next Conferences

Nordic Region

#### Attend

+ Speakers Corner

Overview of the Agenda

- * Agenda selection
- Conference Rooms
- Agenda Detail.
- .....
- Opening Session
- CCS
- FD82
- +IMS
- Mainframe Infrastructure
- . General interest

### Purpose of the GSE Nordic Region Conference

PARENT CATEGORY: CONTENT MANAGEMENT WORKING GROUP. LAST UPDATED ON WEDNESDAY, 25 SEPTEMBER 2013 15:05

The GSE Nordic Region Conference adresses concepts, technologies, experiences at all technical levels including Development, Architecture, General interest on the SW-portofolio on z/OS including DCS, DB2, IMS, Websphere MQ and their position in the heterogeninous environments that they all are part of.

The activities for the GSE Nodic Region Conferencen comprise:

- 1 Conference per year to exchange information and do networking.
- Acquisition and distribution of knowledge of new concepts and technologies
- Exchange of experience with application architecture, applications and tools
- Participation in GSE collaboration at the Nordic and international level.

Some of the products/skills areas at the participating companies includes the list below. Experiences, case stories, news etc. related to the use of these types of software are discussed at the seminars that the group arranges.

- CICS:
- DB2
- · MS
- Websphere MO
- Application development on tha z-platform including cooperation with distributed environments.

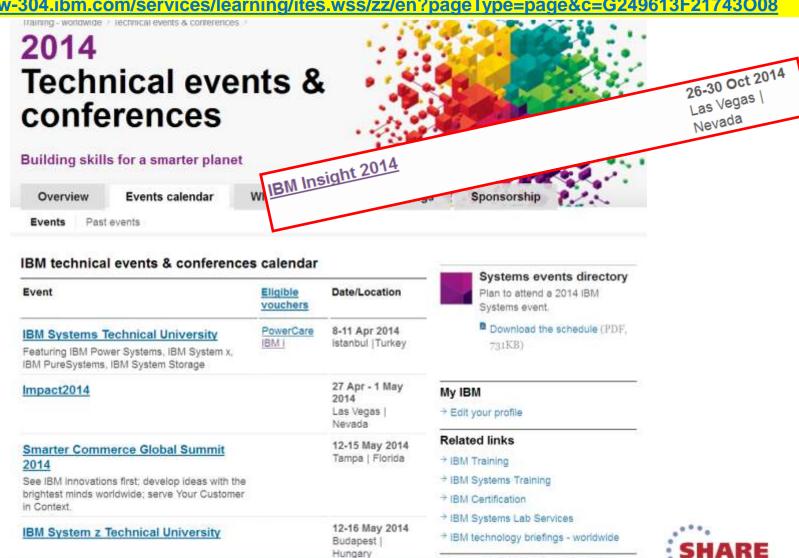


### IBM 2014 Technical Events & Conferences



· · · in Anaheim

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



### IBM 2014 Technical Events & Conferences



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

Information On Demand is now

IBMInsight 2014

Save the date! October 26 - 30, 2014

Overview

Social

Sponsors & Exhibitors

Thanks to our proud sponsors and exhibitors, speakers and attendees for making Information On Demand 2013 a success!

See you next year in Las Vegas at the all-new IBM Insight 2014.





Livestream Guide

Check out the



Video Library







Session Presentations





#### Download the Conference Guides

- Business Analytics Forum Guide (2.3MB)
- Enterprise Content Management Forum Guide (1.7MB)
- Information Management Forum Guide
- Business Leadership Forum Guide
- Pocket Agenda (8MB)
- EXPO Guide (16MB)



# 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.

3 Comments

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

22 December 2011

+ 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

HFE IIIe cycle

# Community response

### Participating in a community process

Watch the entire series on YouTube:

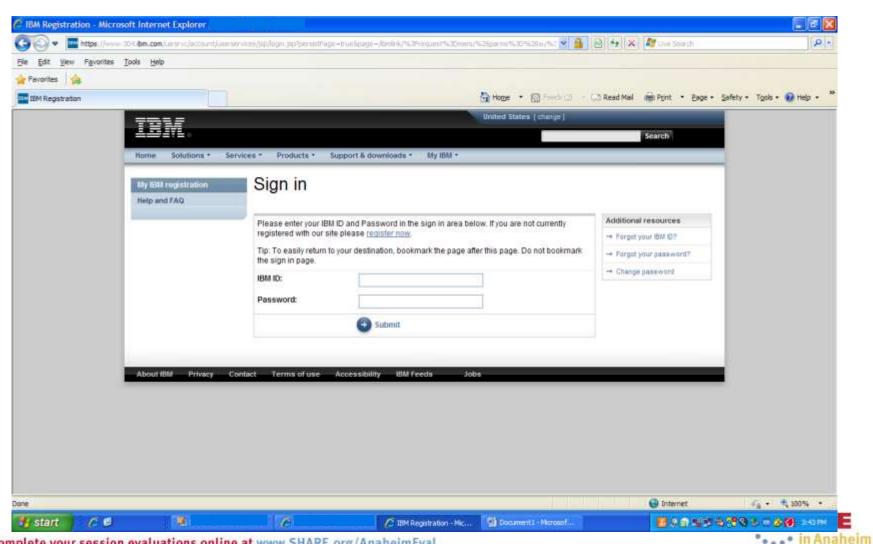
- Part 1: Learn about the request process
- Part 2: How to create a new request
- Part 3: How to search for requests
- Part 4: How to vote for requests
- Part 5: How to watch for and get notified on requests



# IBM ServiceLink (was IBMLINK)

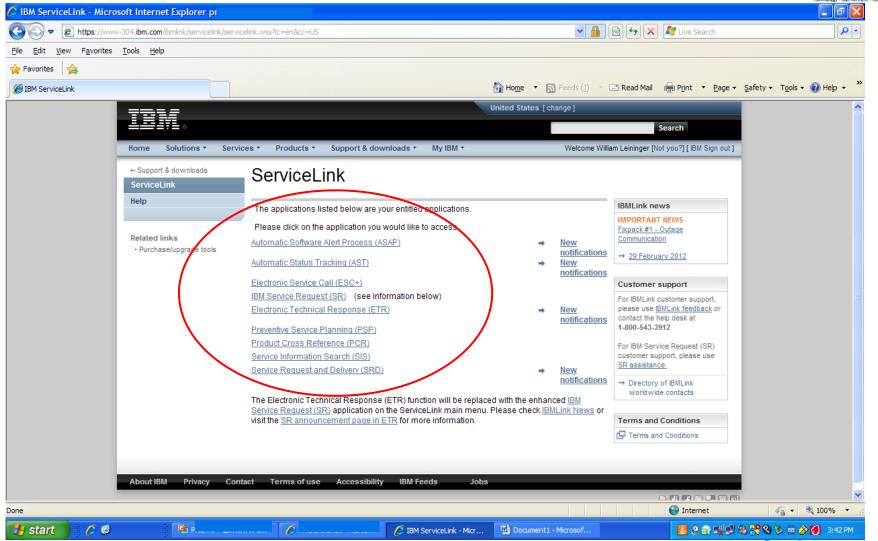


https://www-304.ibm.com/ibmlink/servicelink



### IBM ServiceLink







### IBM ServiceLink

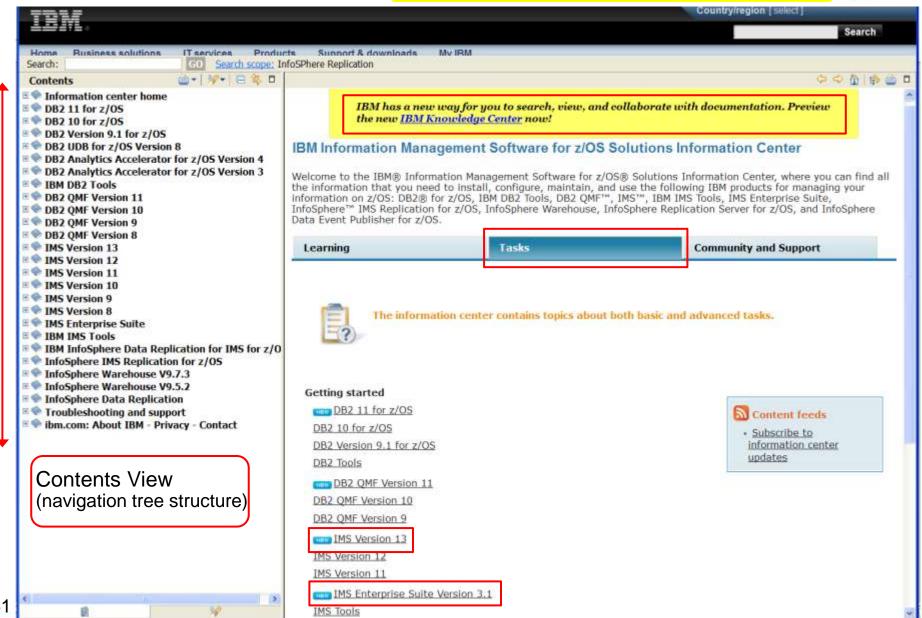


- Provides the following applications:
  - ASAP Automatic Software Alert Process
    - receive critical service notifications about your products
  - AST Automatic Status Tracking
    - notifies you when APAR/PTF status changes
  - ESC Electronic Service Call
  - SR Service Request
    - replaces Electronic 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



### IM Information Center <a href="http://publib.boulder.ibm.com/infocenter/imzic">http://publib.boulder.ibm.com/infocenter/imzic</a>





### ...more than just product information



#### 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.

Order an installable version of this information center!

Subscribe to IMS Version 13 updates

#### Resources

#### Getting Started

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

#### 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

#### News and events

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

#### IMS training

. IMS training, education, and certification

#### General product information

- · Introduction to IMS
- · IMS family website
- IMS Enterprise Suite
- · Accessibility for IMS

#### IMS administration

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

#### Related information

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

#### 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

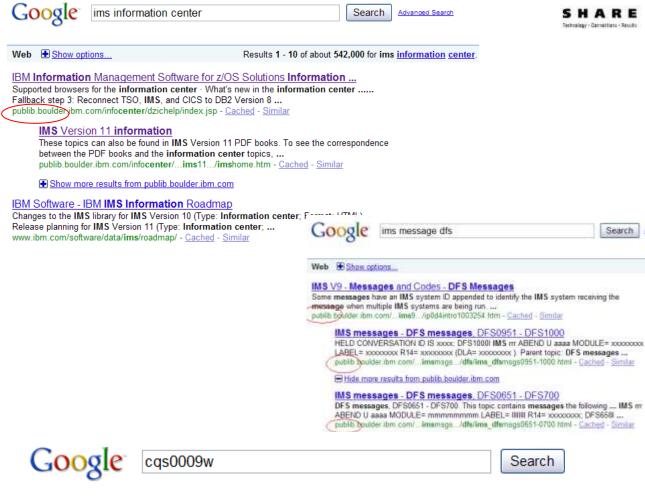


### Cool features of the Information Center



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



Web 

Show options...

IMS messages - CQ\$0009W

STRUCTURE structurename REQUIRES STRUCTURE CHECKPOINT FOR RECOVERY.

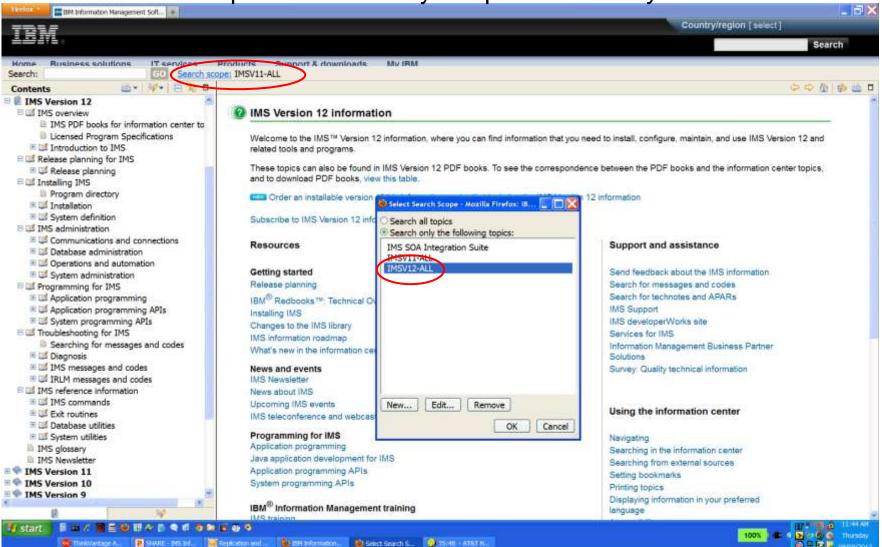
oublib.boulder.ibm.om/infocenter/dzichelp/.../cqs0009w.html - Similar





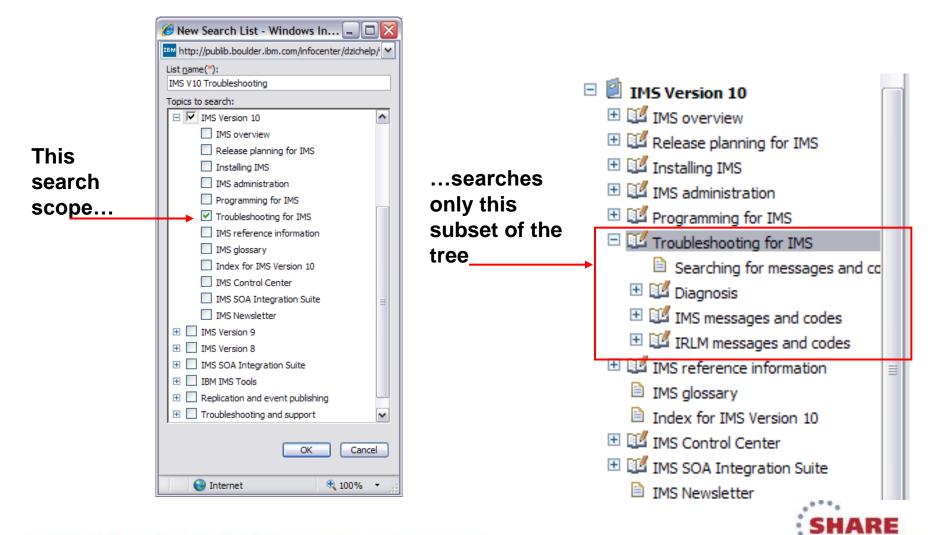
o . . o in Anaheim

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



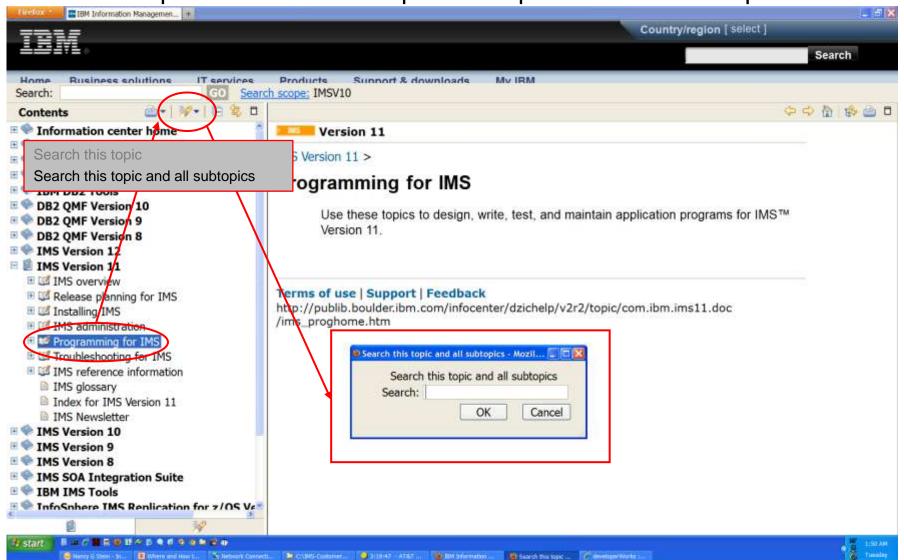


Set a search scope to search within a subset of topics



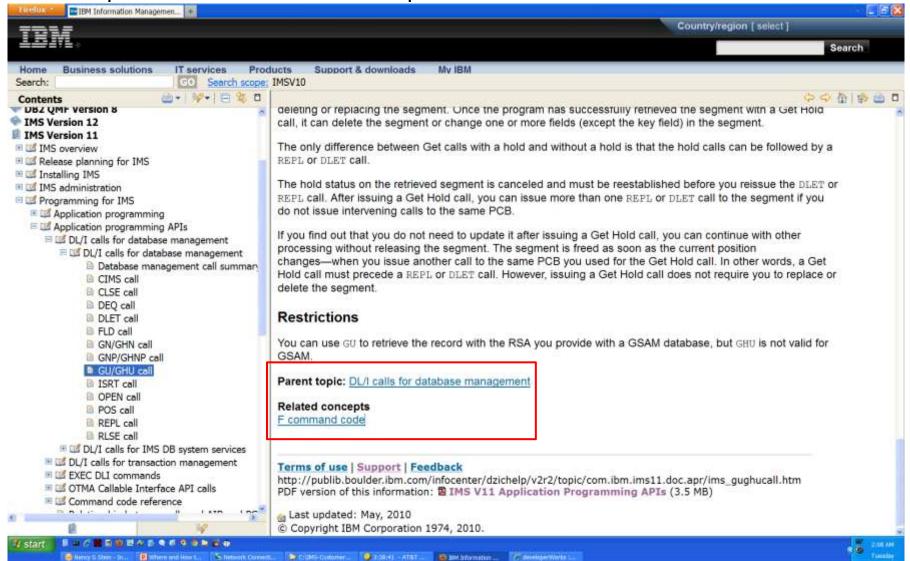


Search topic icon: Search a topic or a topic and all its subtopics



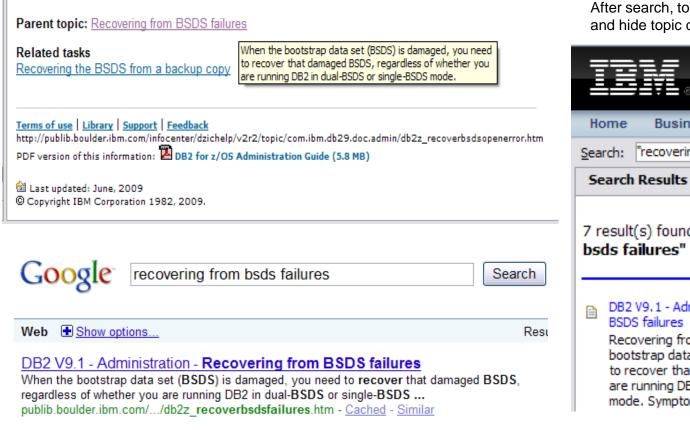


■ Parent topic links and links to related product information and other resources





- 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).

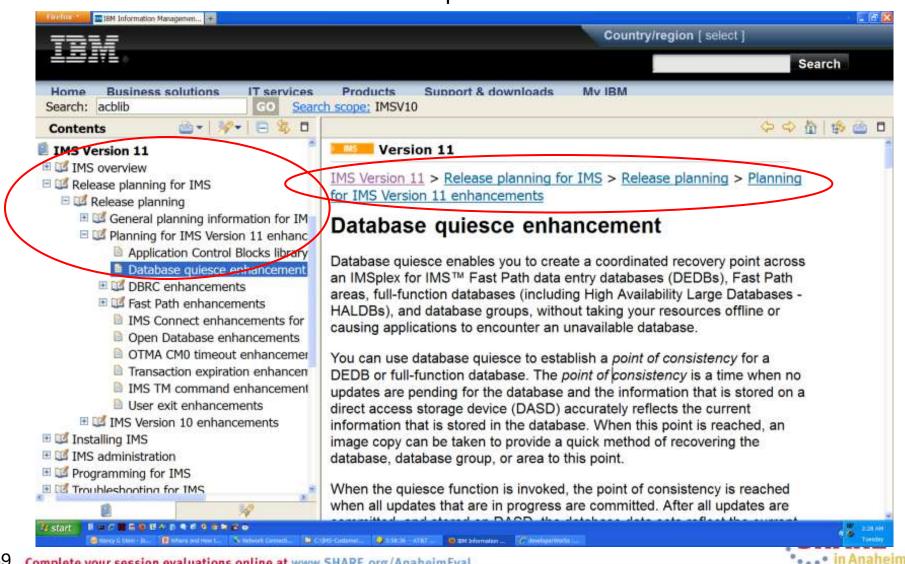


After search, toggle between show and hide topic descriptions



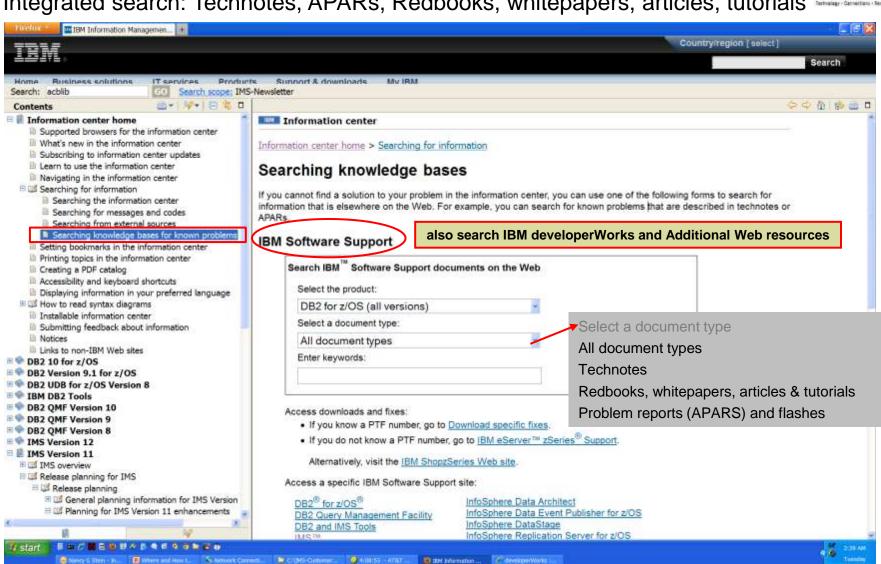


"Breadcrumbs": active links that show a topic's location within the overall center





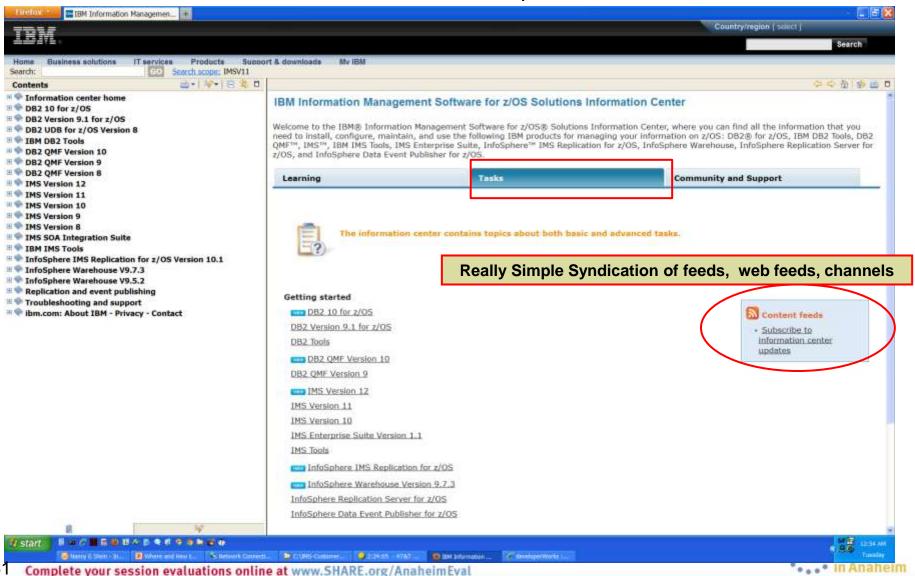
■ Integrated search: Technotes, APARs, Redbooks, whitepapers, articles, tutorials





RSS feeds for automatic notification about updates







Run through Info Center education at your own pace





#### What's new

What's new in the information center

Order an installable version of this information center

Learn to use the information center

Information center tips (2-page flyer)

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

#### Learn how to use the information center

Tours of the Information Management Software for z/OS® Solutions Information Center show you how to get the most out of using the information center.

The following three tours show you the most efficient ways to navigate, search, filter, and print the most current information that you need.

You can control the speed of a tour by using the toolbar at the bottom of your browser. Use the Pause button on the toolbar to study particular sections of a tour. Use the scroll bars on your browser window to better view certain sections of a tour.

#### How to get started with the information center 🛂

- . A 7- to 8-minute tour that includes the following lessons:
  - o How to navigate the information center
  - o How to bookmark a topic
  - o How to do a simple search in the information center
  - o How to switch between Search Results and the Contents view
  - o How to print a topic from the Contents view

#### How to find what you need in the information center 🛂

- . A 7- to 8-minute tour that includes the following lessons:
  - How to limit the scope of a search
  - How to limit the scope from the Quick Menu
  - o How to search for exact words or phrases
  - o How to use Boolean operators in search strings
  - o How to search for Technotes, APARs, and PTFs

#### How to identify what's been added or updated to the information center

- . A 4- to 5-minute tour that includes the following lessons:
  - o What is in the "What's new in the information center" topic
  - o How to locate the new information in a topic
  - o How to subscribe to updates by using RSS feeds
  - o How to order the installable information center
  - How to send feedback





An easy way to send us feedback

- Click Feedback 1. in the bottom of any topic.
- A form opens that is prepopulated with topic information.
- 3. Type your comments and click Submit.

**Business solutions** 

Search: acblib

Controlling IMS

Starting or restarting Starting an IMSp

Starting the CSL. How to start the Starting the IRLN

Starting the CQS

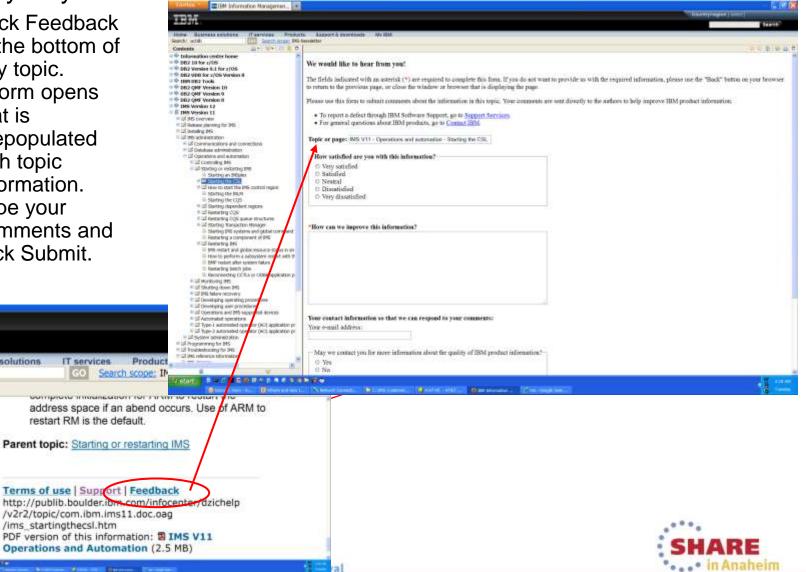
Starting depende

Restarting CQS q

M Restarting COS

₩+ 日 8 0 erations and automa IT services

/ims startingthecsl.htm





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

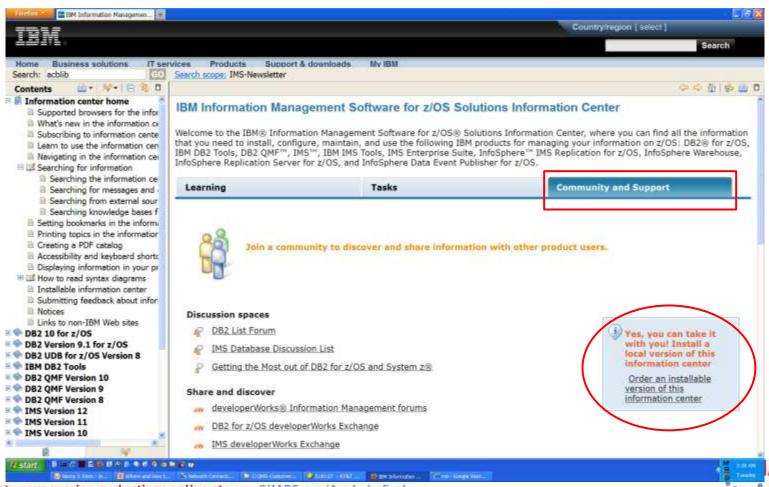
Home Business solutions IT services	
Search: GO Search so	ope:
Contents	3
□ 🗐 Informati Print selected topic	^
Supporti Print selected topic and all subtopics	
What's new in the information center	
Subscribing to information center updates	
Learn to use the information center	
Navigating in the information center	
E Searching for information	
Setting bookmarks in the information center	
Printing topics in the information center	
Accessibility and keyboard shortcuts	



# 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



### **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



### **Installable Information Center**



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



### **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
  - http://pic.dhe.ibm.com/infocenter/dzichelp/v2r2/topic/com.ibm.ims.es22.doc/ies_home.htm
- Launch page for the Flash animated tours:
  - http://publib.boulder.ibm.com/infocenter/imzic/topic/com.ibm.dzic.doc/dzicviewlet.htm
- Search for APARs and PTFs from the Information Center:
  - http://publib.boulder.ibm.com/infocenter/imzic/topic/com.ibm.support.dzic.doc/html/search.html



# Why use an the IMS Information Center?



- Contains more than just IMS product information (ie. Tools, DB2, CICS, z/OS)
- 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

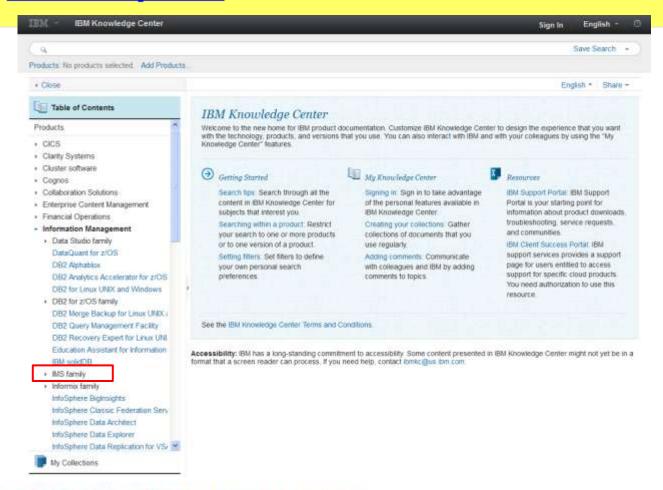
IBM's #1 accessed Information Center out of 150+ Information Centers



# But, you might have noticed... a preview...



IBM has a new way for you to search, view, and collaborate with documentation. Preview the new IBM Knowledge Center now!





# **IBM Knowledge Center for all IBM Products**





#### Getting Started

Search tips: Search through all the content in IBM Knowledge Center for subjects that interest you.

Searching within a product: Restrict your search to one or more products or to one version of a product.

Setting filters: Set filters to define your own personal search preferences.



#### My Knowledge Center

Signing in: Sign in to take advantage of the personal features available in IBM Knowledge Center.

Creating your collections: Gather collections of documents that you use regularly.

Adding comments: Communicate with colleagues and IBM by adding comments to topics.



#### Resources

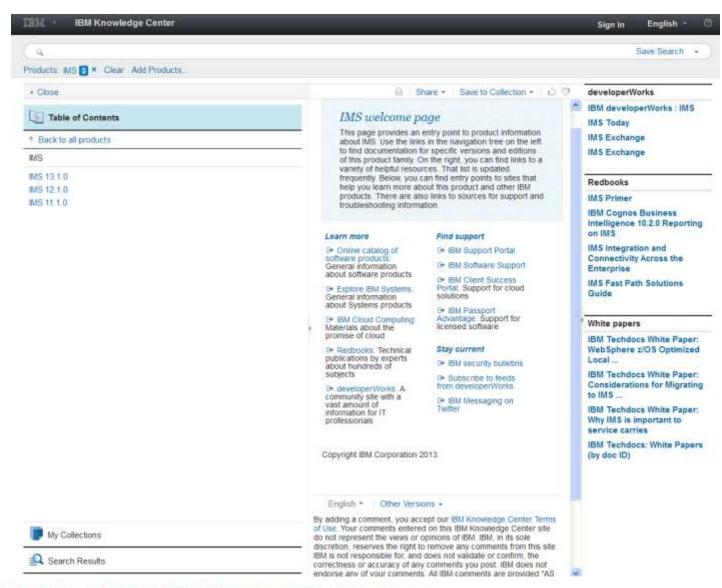
IBM Support Portal: IBM Support Portal is your starting point for information about product downloads, troubleshooting, service requests, and communities.

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.



# IBM Knowledge Center - IMS family/IMS

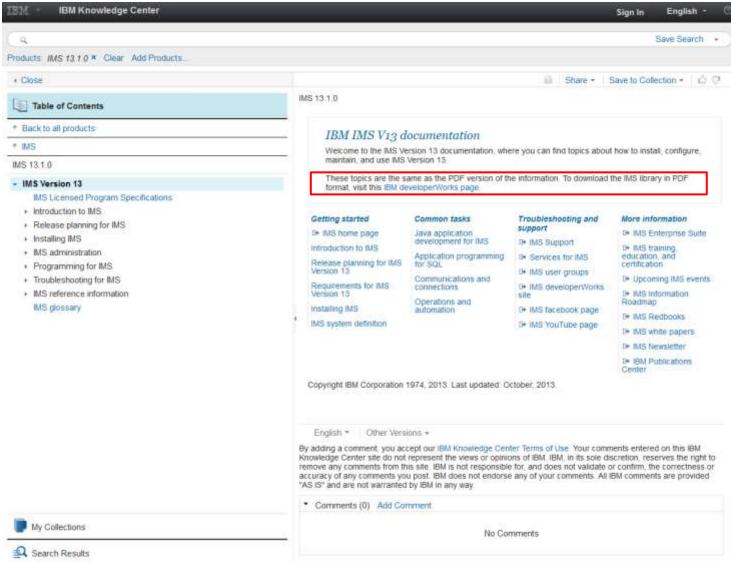






# **IBM Knowledge Center - IMS 13.1.0**







# **IBM Knowledge Center -**

### - IMS 13.1.0



### Organized by function:

- Introduction
- Release Planning Guide
- Installing IMS
- IMS Administration
- Programming for IMS
- Troubleshooting for IMS
- IMS Reference Information
- IMS Glossary

# Table of Contents IMS Version 13

#### IMS Licensed Program Specifications

- Introduction to IMS
  - IMS: from Apollo to enterprise
  - Overview of the IMS product
  - Access to and from IMS
  - ▶ IMS and z/OS
  - > Setting up, running, and maintaining IMS
- ▶ Release planning for IMS
- Installing IMS

#### IMS Program Directory

- Installation
- System definition

#### IMS administration

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

#### Programming for IMS

- Application programming
- Application programming APIs
- System programming APIs

#### Troubleshooting for IMS

- ▶ Diagnosis
- ▶ IMS messages and codes
- ▶ IRLM messages and codes

#### IMS reference information

- IMS commands
- Exit routines



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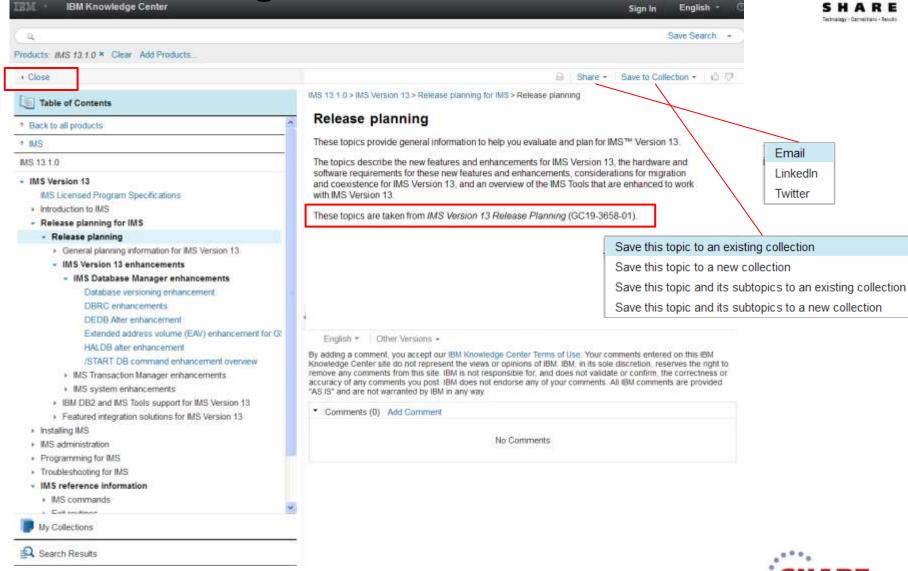
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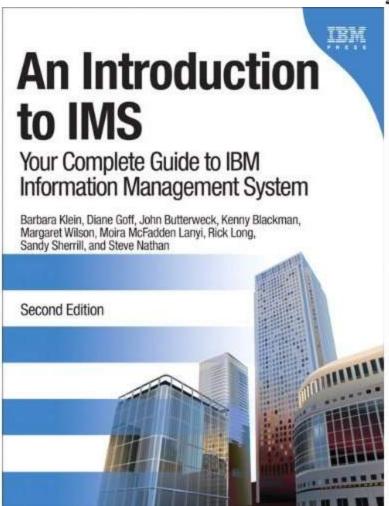


### An Introduction to IMS – Second Edition



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









www.youtube.com/user/ReThinkIMS

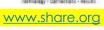


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