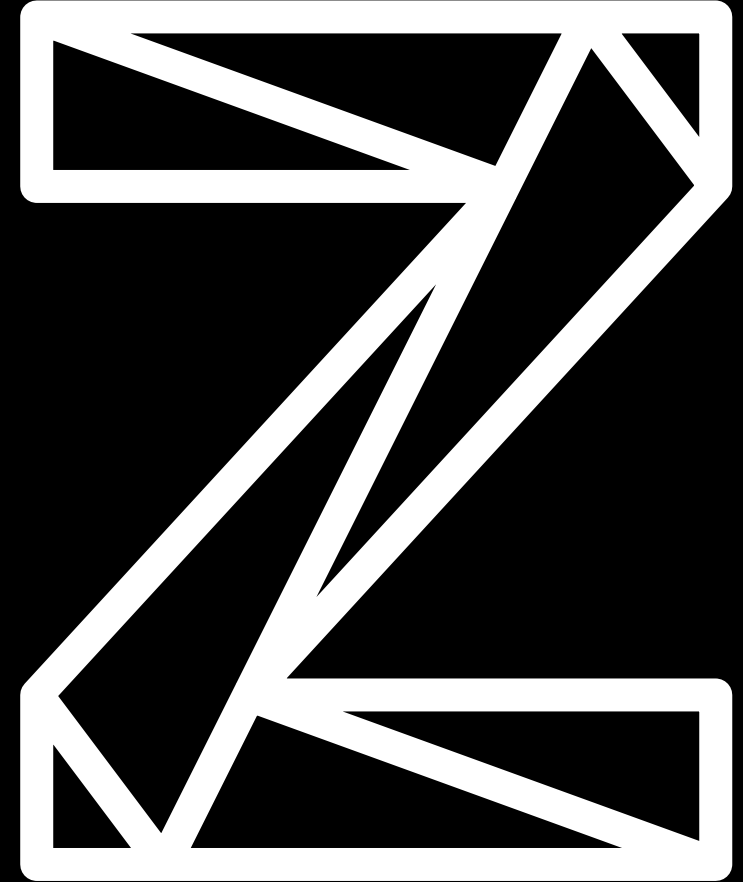


Goodbye Dev Centers.  
Hello Communities!



# Sunset of traditional Dev Centers

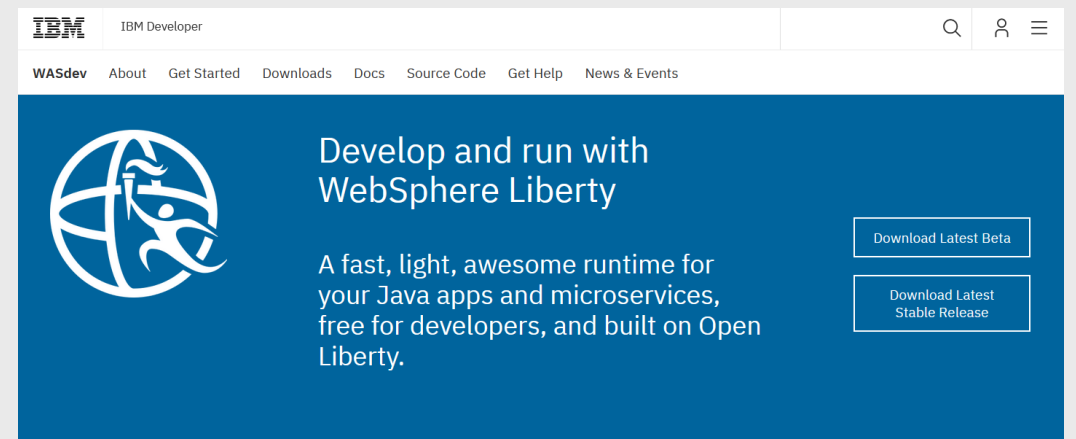
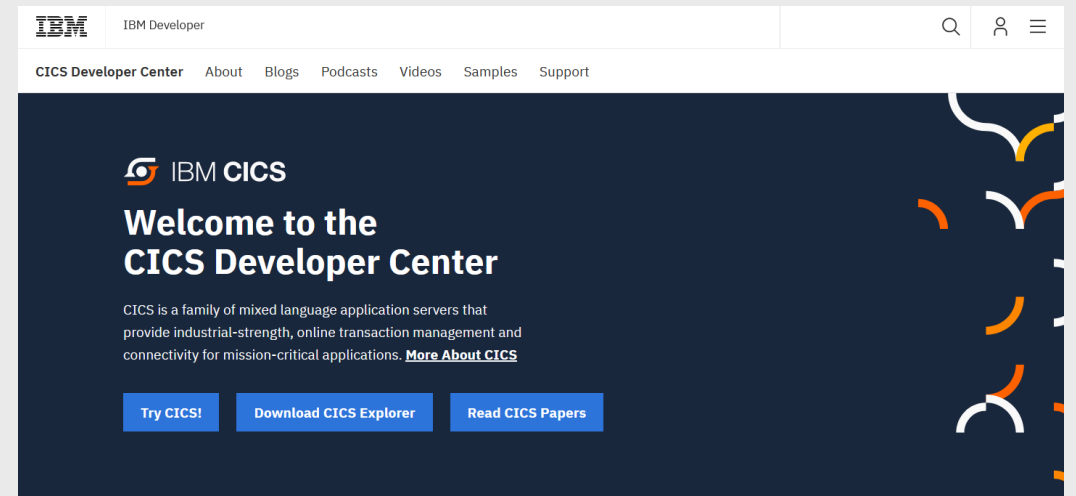
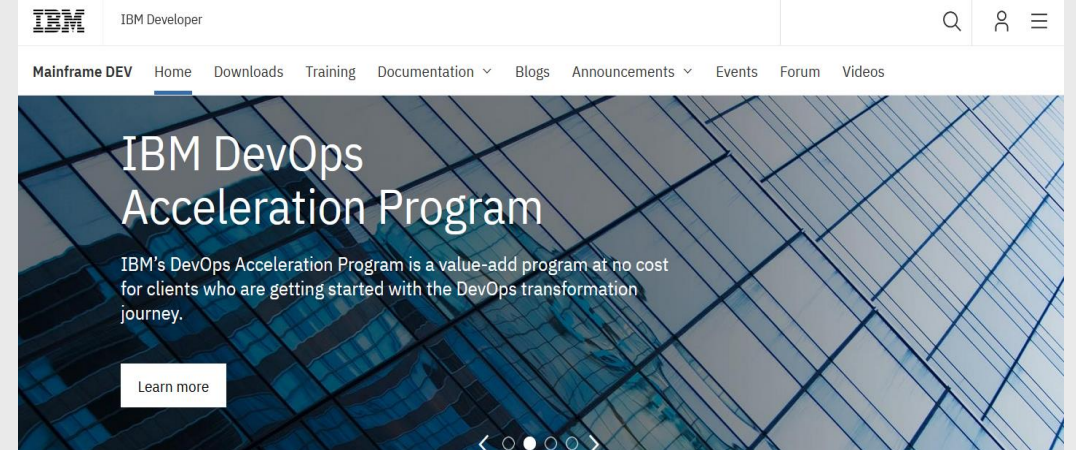
As part of a general consolidation of documentation and web pages across IBM, some traditional Dev Centers such as CICS and WAS were sunset in August 2020 and replaced by content in [IBM Communities](#) and [IBM Developer](#).

Developer Center Shutdown FAQ:  
<https://developer.ibm.com/dev-center-shutdown-faq/>

Mainframe Dev Center sunset date is:

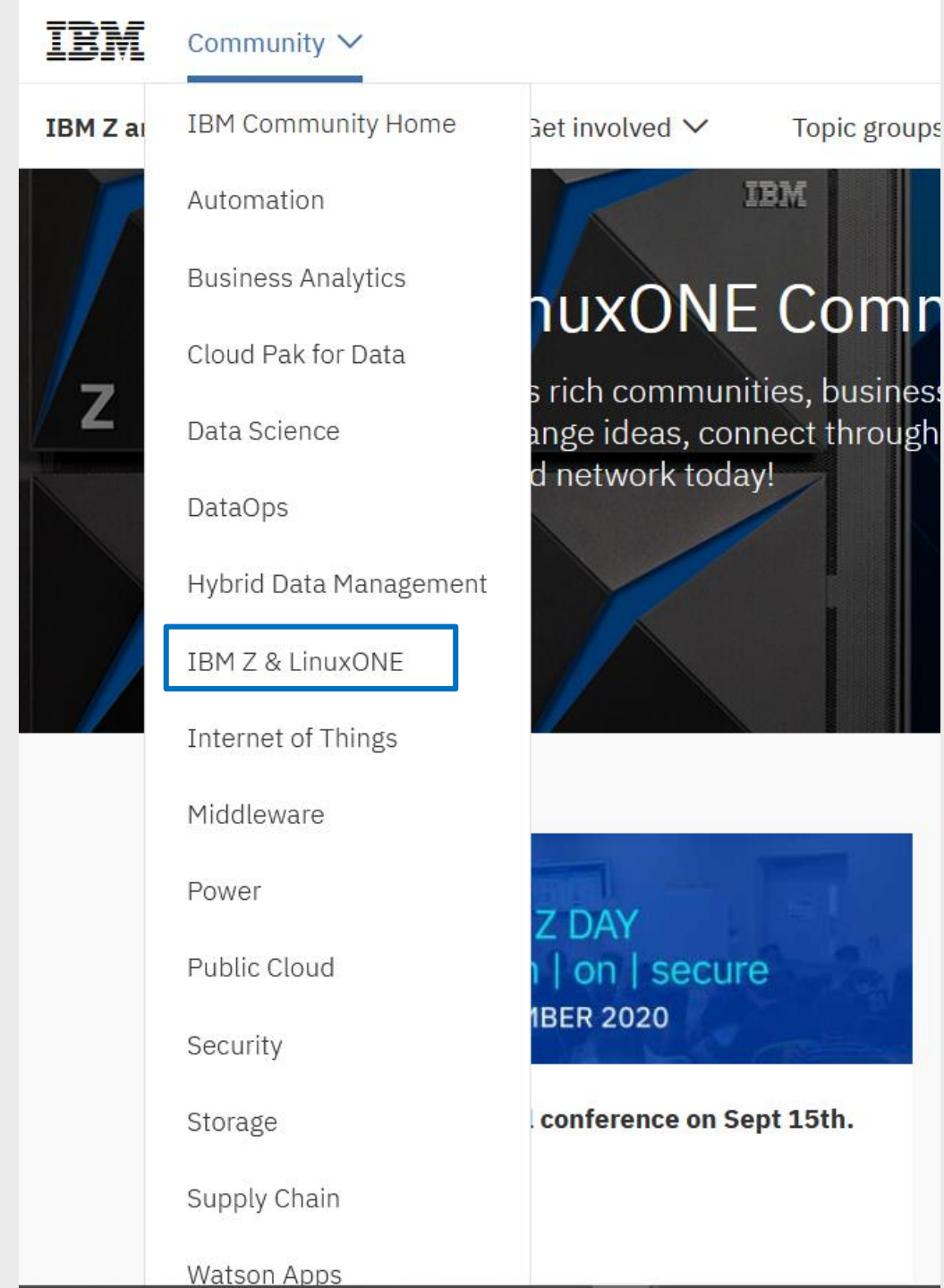
**October 16, 2020**

<https://community.ibm.com/community/user/ibmz-and-linuxone/blogs/sherri-hanna1/2020/10/13/mdcmove>



# Introducing IBM Communities

- There are many IBM Communities available
  - <https://community.ibm.com>
- Being part of a community means collaborating, sharing knowledge and supporting one another in our everyday challenges. Together, we can connect via forums, blogs, files and face-to-face networking to empower one another to put smart to work.
- **IBM Z and LinuxONE** is a Community
- A Community is also further defined by Topic Groups, User Groups, events and participation opportunities.



# First time users – Joining IBM Communities

Click the Join button

Requires an IBMid (but they are FREE and provide many benefits)

Plain background  
means you are not  
signed in



Community ▾



IBM Z and LinuxONE Community

Get involved ▾

Topic groups ▾

User groups

Solutions ▾

Resources

## IBM Z and LinuxONE Community

IBM Z and LinuxONE offers rich communities, business and technical experts, blogs, and forums to exchange ideas, connect through shared interests and develop expertise. Join and network today!

Join our community

LinuxONE

# Finding a Topic Group

So many choices, everyone should be able to find a group of interest.

1. Click the arrow
2. Hover over the category
3. Select a topic

IBM Z and LinuxONE Community | Get involved ▾ | **Topic groups ▾** | User groups | Solutions ▾ | Resources

**IBM Z**

- LinuxONE
- Solutions
- Software
- Languages

**IBM Z**

IBM Z mainframe servers and their operation systems are the foundation for trusted digital experiences.

| Hardware | OS         |
|----------|------------|
| z15      | Linux on Z |
| z14      | z/OS       |

IBM Z and LinuxONE Community | Get involved ▾ | Topic groups ▾ | User groups | Solutions ▾ | Resources

IBM Z

LinuxONE

**Solutions**

Software

Languages

**Solutions**

IBM Z and LinuxONE platforms are built for cloud, ready for blockchain, optimized for machine learning, open for DevOps, and highly secured.

- AI and Analytics
- AIOps
- Blockchain
- Cloud
- DevOps 3
- Resiliency
- Security

IBM Z and LinuxONE Community | Get involved ▾ | Topic groups ▾ | User groups | Solutions ▾ | Resources

IBM Z

LinuxONE

Solutions

**Software** →

Languages

**Software**

IBM Z and LinuxONE software delivers high-performing system and database management, faster insights, secure cloud and agile DevOps, plus the reliability, flexibility and protection you expect from the mainframe.

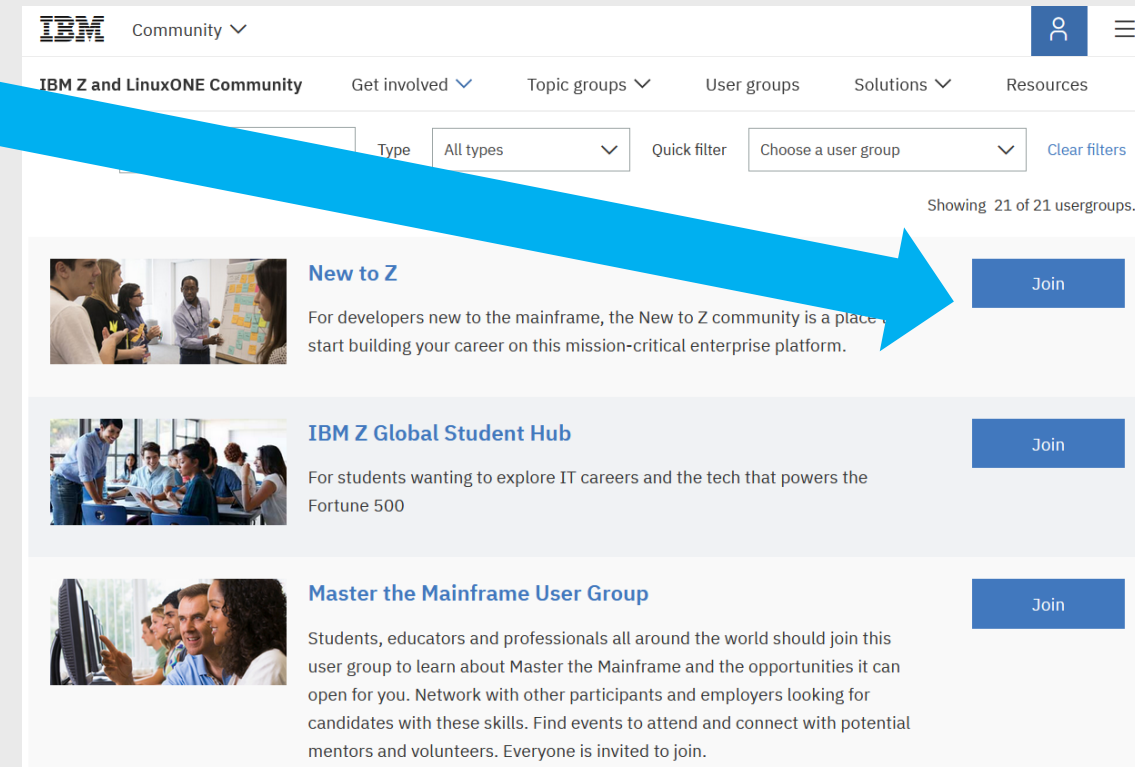
|                   |                      |
|-------------------|----------------------|
| ABO               | MQ                   |
| ADFz              | Hyper Protect        |
| ADDI              | OMEGAMON             |
| Ansible for IBM Z | Wazi Developer       |
| APA               | Wazi VTP             |
| CICS              | z Systems Management |
| DB2               | ZD&T                 |
| DBB               | z/OS Connect EE      |
| IDzEE             | z/OS Debugger        |
| IMS               | z/OS Explorer        |
|                   | Zowe                 |



# Each Topic/User Group can also be Joined individually

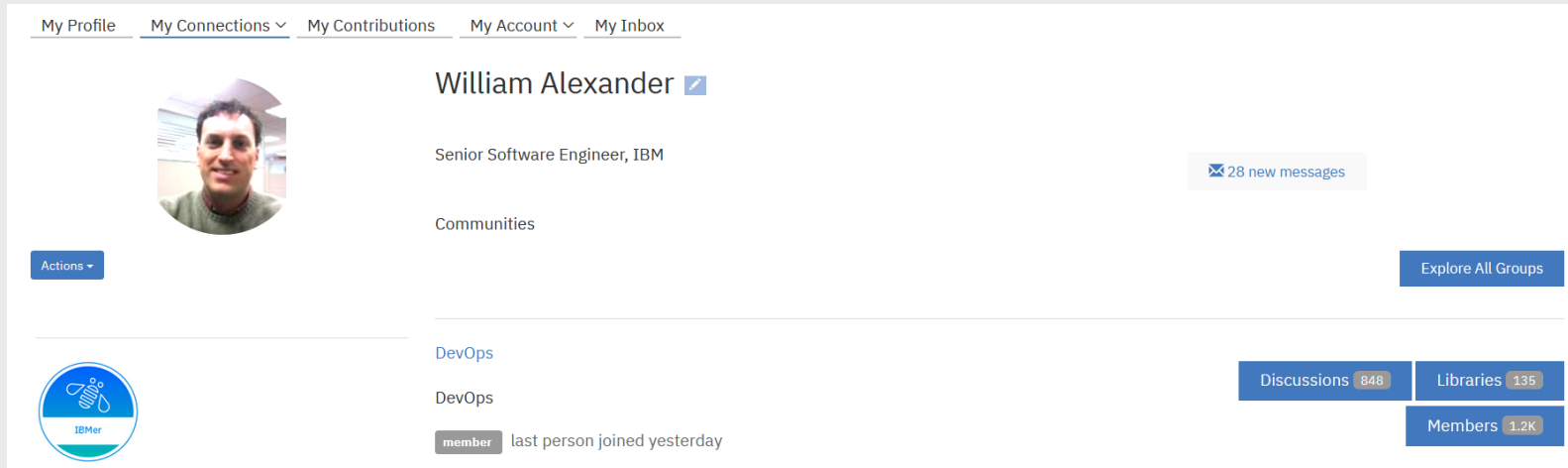
- A **Topic Group** is a group of information related to a [Solution](#) (i.e. – DevOps, Cloud, etc) or [Software](#) (i.e. – CICS, z/OS Connect, Zowe, etc) or [Languages](#) (i.e. – COBOL, PL/I, etc).
- A **User Group** is a group of like-minded professionals with a common interest or common location such as [New to Z](#), [Master the Mainframe](#) participants, or [IBM Z Japan](#).
  - NOTE: some user groups may be by invitation only

Click the Join button



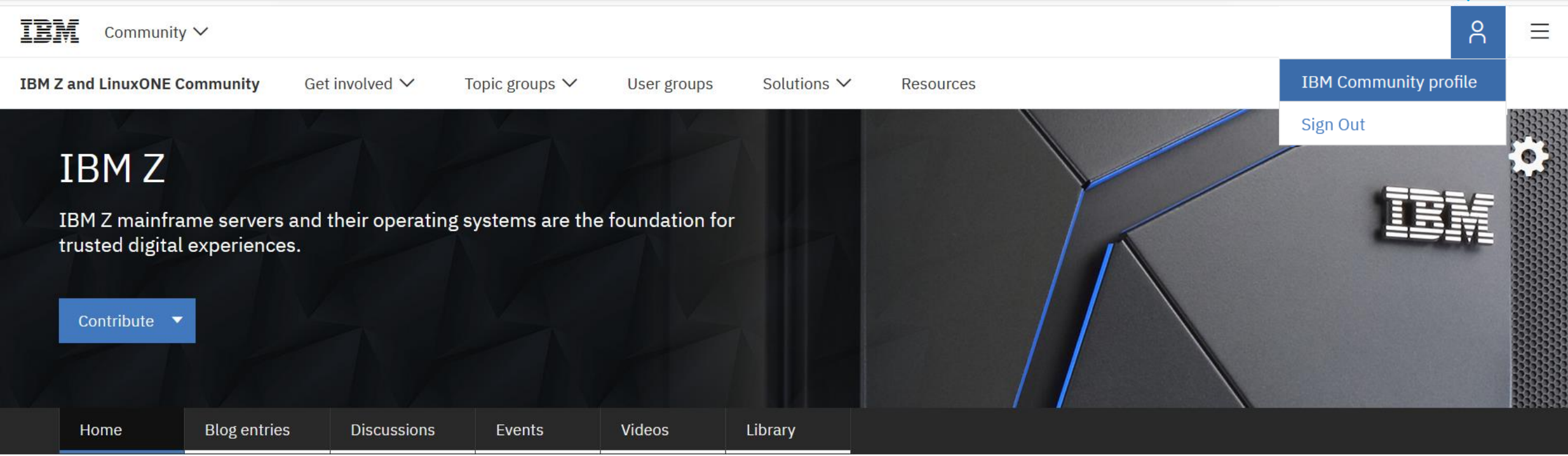
# IBM Community Profile

Profile contains privacy settings, preferences, notifications, and joined communities/groups



The screenshot shows the IBM Community profile page for William Alexander. At the top, there are tabs for 'My Profile', 'My Connections', 'My Contributions', 'My Account', and 'My Inbox'. The 'My Profile' tab is active. On the left, there is a profile picture of William Alexander and a blue 'Actions' button. To the right of the picture, the name 'William Alexander' is displayed with a verified badge, followed by his title 'Senior Software Engineer, IBM'. Below this, there is a 'Communities' section with a 'DevOps' group listed. On the right side of the profile, there is a notification '28 new messages' and a button to 'Explore All Groups'. At the bottom right, there are statistics for the 'DevOps' group: 'Discussions 848', 'Libraries 136', and 'Members 1.2K'. A 'member' badge indicates that the user joined yesterday.

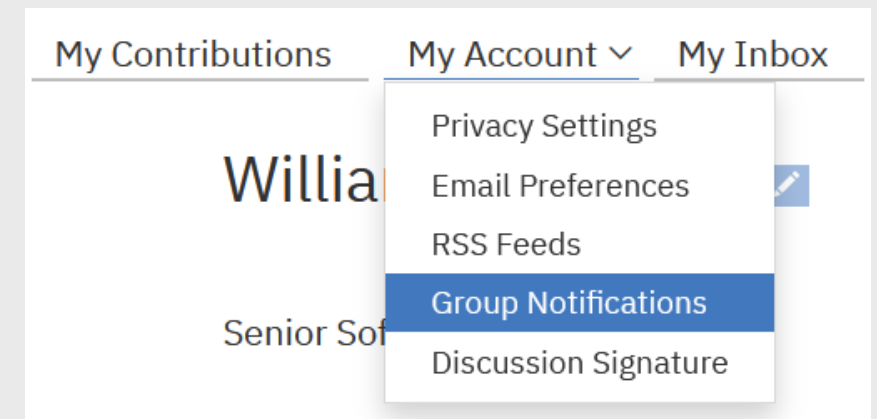
Colorful background means that you are signed in



The screenshot shows the IBM Community homepage. The top navigation bar includes the IBM logo, a 'Community' dropdown, and a user profile icon. The user profile icon is highlighted with a blue background, and a dropdown menu is open showing 'IBM Community profile' and 'Sign Out'. Below the navigation bar, there is a section for 'IBM Z and LinuxONE Community' with a 'Get involved' dropdown, 'Topic groups', 'User groups', 'Solutions', and 'Resources'. The main content area features a large banner for 'IBM Z' with the text 'IBM Z mainframe servers and their operating systems are the foundation for trusted digital experiences.' and a 'Contribute' button. The footer contains links to 'Home', 'Blog entries', 'Discussions', 'Events', 'Videos', and 'Library'.

# Email Preferences and Notifications

- **Profile > My Account > Email Preferences** to opt-in or opt-out of emails, such as emails sent by a Group Admin to all members of a Group.
- **Profile > My Account > Group Notifications** to choose how and when to be notified of Discussion information.
  - **Daily digest:** Receive 1 daily email each morning containing the previous day's community activity
  - **Real time:** Receive an email automatically as messages are posted to the community
  - **Consolidated Daily Digest:** Receive 1 summarized email containing all community's activity from the previous day
  - **Consolidated Weekly Digest:** Receive 1 summarized email containing all community's activity from the previous week
  - **No email:** Unsubscribing from activity in that community



### Notification Settings

☒ Yes Automatically set group discussion emails to "No Email" when a group is added to a consolidated digest.

17 Groups Group Name A-Z ▼

| Group | Discussion Email          | Consolidated Daily Digest | Consolidated Weekly Digest          |
|-------|---------------------------|---------------------------|-------------------------------------|
| COBOL | <div>Daily Digest ▼</div> | <input type="checkbox"/>  | <input checked="" type="checkbox"/> |



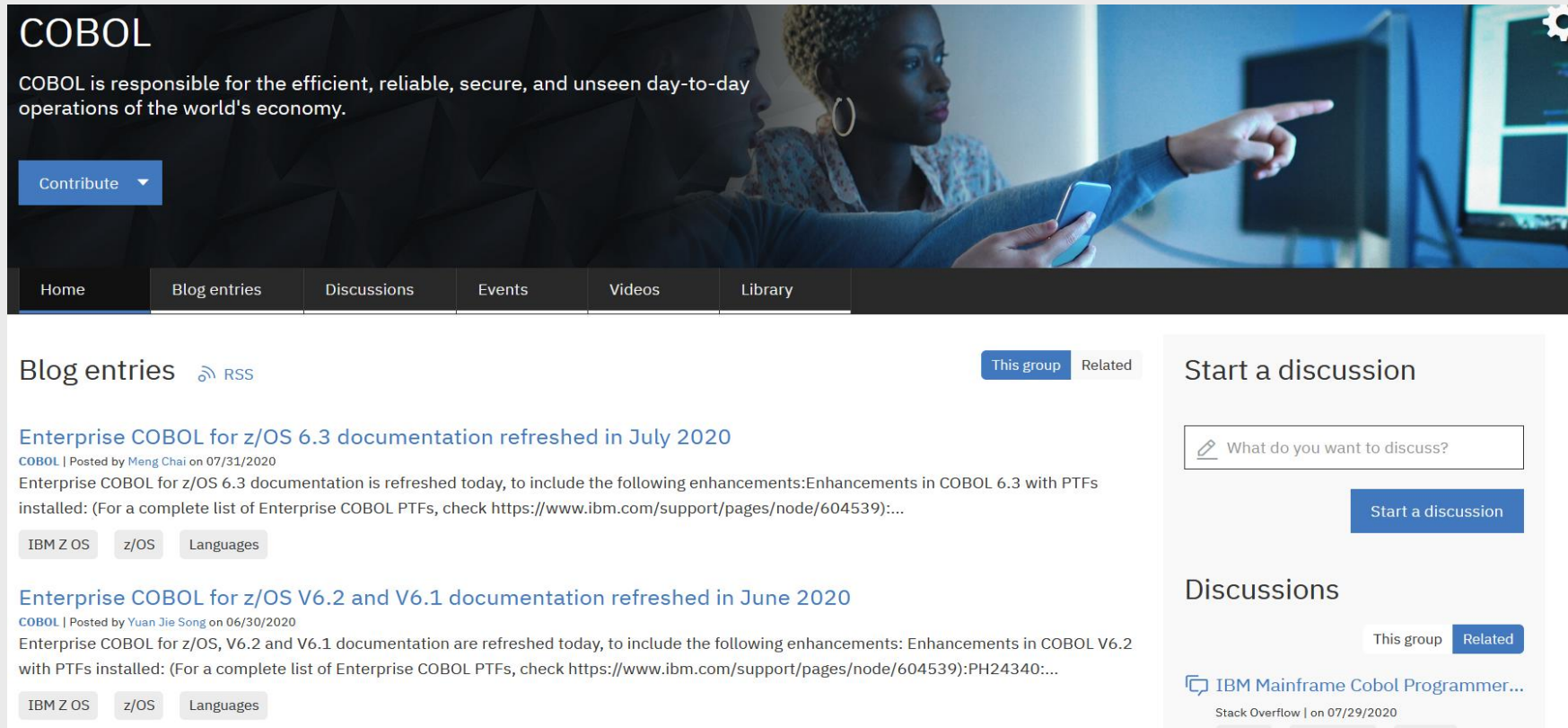
# IBM Middleware User Community

- If you have been around long enough you may remember the Rational User Group (RUG) communities. They migrated to IBM Middleware User Communities (IMWUC) – which is still around, but not very active, and run by Higher Logic.
- Since your Profile is shared by Higher Logic across both IMWUC and the new IBM Communities it is easy to confuse which one you are in, though the look and feel is a bit different.
- Multiple DevOps communities exist in the new IBM Communities
  - IBM Middleware
  - IBM Z and LinuxOne

The screenshot displays the IBM Middleware User Community website. At the top, the navigation bar includes links for Home, Global Groups, Local Groups, Forums, Blogs, Resources, All Communities, and Events. The main heading is "DevOps for Enterprise Systems" with a "Settings" button. Below this, a sub-navigation bar shows "Group Home", "Discussion" (158), "Library" (26), "Blogs" (11), "Events" (0), "Members" (88), and "Announcements". A descriptive paragraph states: "The DevOps for Enterprise Systems User Group is an association of individuals from various companies and organizations involved in DevOps and Enterprise Modernization (EM) activities using IBM tools, systems and architectures." Below this is a search bar and a secondary navigation bar with links for Middleware, Topic groups, User groups, Events, Participate, and Resources. The main content area features a banner for the "IBM Middleware User Community" with the text: "Being part of a community means collaborating, sharing knowledge via forums and blogs, and supporting one another in our everyday challenges. Together, we can connect and network to empower each other. Get involved today." Below the banner is a section for "DevOps" with a hexagonal icon and the text: "Find answers and learn about various DevOps offerings: UrbanCode, Rational Test, RAD, IBM Z, Cloud Native Platforms, ClearCase, and ClearQuest." At the bottom, another navigation bar shows "IBM Z and LinuxONE Community", "Get involved", "Topic groups", "User groups", "Solutions", and "Resources". The final section is titled "DevOps Solutions" with the tagline: "Accelerate your journey to the cloud with seamless software delivery".

# This group vs Related

- When the **This group** button is selected, content added specifically to this Topic Group is displayed.
- When the **Related** button is selected, content related to this Topic Group is pulled from other groups, as well as from other sites such as stack overflow, medium, etc.



The screenshot shows the IBM Developer page for the COBOL topic. The header features the title 'COBOL' and a description: 'COBOL is responsible for the efficient, reliable, secure, and unseen day-to-day operations of the world's economy.' Below this is a 'Contribute' button and a navigation bar with links to Home, Blog entries, Discussions, Events, Videos, and Library. The main content area is titled 'Blog entries' and includes an RSS feed icon. Two blog entries are listed, both about refreshed COBOL documentation. The right sidebar contains a 'Start a discussion' section with a text input field and a 'Start a discussion' button, followed by a 'Discussions' section with 'This group' and 'Related' tabs. A discussion titled 'IBM Mainframe Cobol Programmer...' is visible at the bottom of the sidebar.

**COBOL**

COBOL is responsible for the efficient, reliable, secure, and unseen day-to-day operations of the world's economy.

[Contribute](#)

[Home](#) [Blog entries](#) [Discussions](#) [Events](#) [Videos](#) [Library](#)

**Blog entries** [RSS](#)

[Enterprise COBOL for z/OS 6.3 documentation refreshed in July 2020](#)  
COBOL | Posted by Meng Chai on 07/31/2020  
Enterprise COBOL for z/OS 6.3 documentation is refreshed today, to include the following enhancements: Enhancements in COBOL 6.3 with PTFs installed: (For a complete list of Enterprise COBOL PTFs, check <https://www.ibm.com/support/pages/node/604539>):...

[IBM Z OS](#) [z/OS](#) [Languages](#)

[Enterprise COBOL for z/OS V6.2 and V6.1 documentation refreshed in June 2020](#)  
COBOL | Posted by Yuan Jie Song on 06/30/2020  
Enterprise COBOL for z/OS, V6.2 and V6.1 documentation are refreshed today, to include the following enhancements: Enhancements in COBOL V6.2 with PTFs installed: (For a complete list of Enterprise COBOL PTFs, check <https://www.ibm.com/support/pages/node/604539>): PH24340:...

[IBM Z OS](#) [z/OS](#) [Languages](#)

**This group** **Related**

**Start a discussion**

[What do you want to discuss?](#)

[Start a discussion](#)

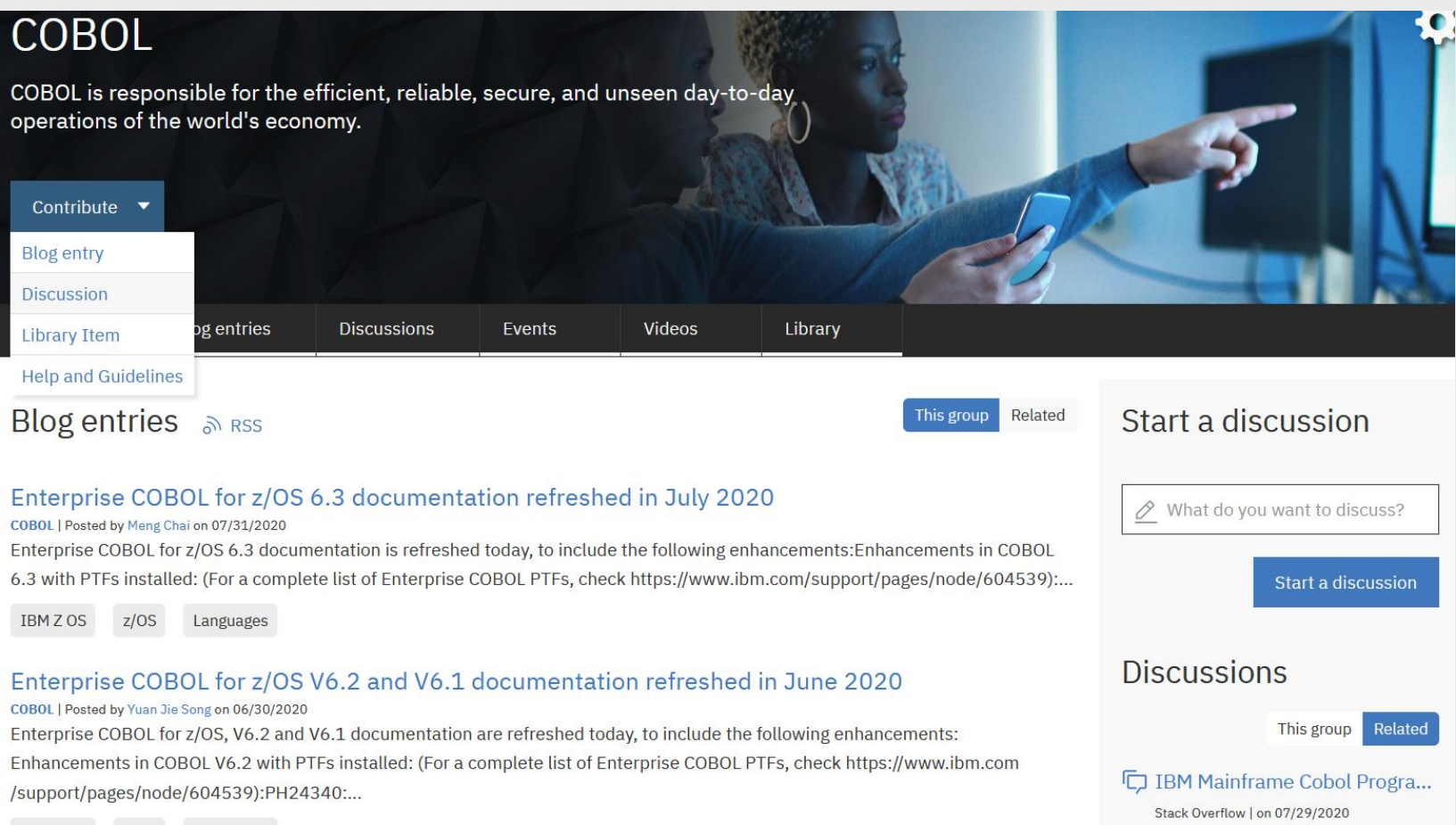
**Discussions**

[This group](#) [Related](#)

[IBM Mainframe Cobol Programmer...](#)  
Stack Overflow | on 07/29/2020

# How to Contribute

- After logging in, and joining a group, click Contribute or Start a Discussion
  - Blogging privileges are given to members of user groups
  - Topic/User group members can participate in Discussions



The first time a user posts a blog or a discussion post or a library item (on a group by group basis) it will require approval. After being approved, the user will have authority to post in that same content type again (blog, discussion, library). This process happens for each user, for each group, for each content type.

## Content Guidelines

IBM Z and LinuxONE Community Content Guidelines

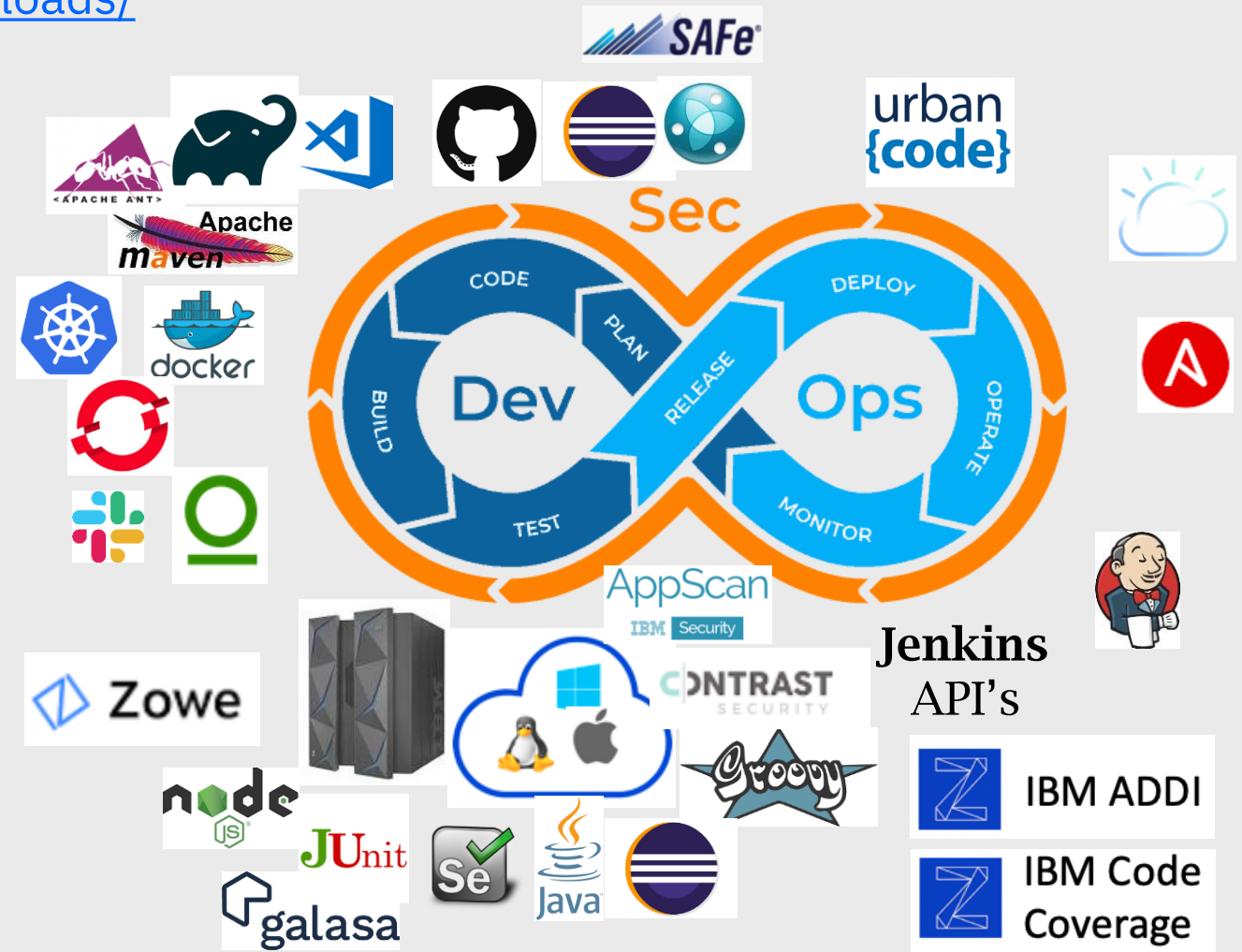
Please take a few minutes to read these content publication guidelines

- This Community provides a professional network and a unified set of community tools for connecting, sharing, and collaborating. By posting content ("User Content") in the community, you agree to allow anyone with access to the community to access the content you post. You agree that any discussion you initiate or participate in, or content you post on the Site will be related to IBM products, software, programs, services or associated technologies.
- Do not post or transmit material that is confidential to you or a third party. Further, you agree that you will not post or transmit material that is proprietary to a third party unless you attained consent from such third party.
- Do not post content from, or links to, Internet sites that feature sexual content, gambling, or that advocate intolerance of others. Do not create such content on IBM Community.
- Respect copyright, fair use, and financial disclosure laws. Use appropriate symbols to mark the first occurrence of trademarked terms in your content. Do not post images unless you own the exclusive rights to display the imagery in this context. By posting images that depict a person or persons, you represent and warrant that you attained consent from and verified the legal age of each person depicted in the image for the distribution, display and usage of the image in the general public.
- Use common courtesy when posting content: refrain from abusive, obscene, or offensive language, images, or links. Remember that you are providing content for a multicultural audience — things that do not seem abusive, obscene, or offensive to you might seem so to others.
- User Content may be made available to third-party search engines on the Internet as well as through the Site's search engine. User Content that you post will be available for use on a global basis by IBM, other participants and others who are not participants but who view the User Content on the Internet, without royalties or restrictions. IBM, other participants and others who are not participants but who view the User Content on the Internet, may use User Content, in whole or in part, for any purpose, may create derivative works thereof and may sublicense others to do the same. IBM shall have no obligation to compensate you for any feedback or content that you provide, or requests that you submit on the Site. Furthermore, IBM does not commit, promise, nor have a legal obligation to deliver any code, functionality, software or other materials due to content you post on the Site.



# Downloading Software

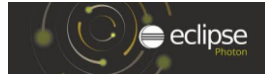
- New location, same pipeline!
  - <https://ibm.github.io/mainframe-downloads/>
- The CI/CD pipeline, created from a combination of IBM and open source tools, to build, test and deliver the 20+ Aqua offerings built on IBM Explorer for z/OS remains in place.
- Over 400 product updates during the past 5 years
- Huge improvement in product compatibility and quality



# IBM Explorer for z/OS Aqua – version 3.2

— More than 20 offerings delivered via common release trains

## IBM Explorer for z/OS Aqua V3.2 (for Eclipse Neon v4.8)



IBM Explorer for z/OS  
IBM z/OS Connect EE API toolkit  
IBM Application Discovery  
IBM MQ Explorer  
IBM Engineering Workflow Management  
IBM Health Center  
IBM Fault Analyzer  
IBM File Manager  
IBM CICS Explorer  
IBM CICS Configuration Manager for z/OS  
IBM CICS Deployment Assistant for z/OS  
IBM CICS Interdependency Analyzer for z/OS  
IBM CICS Performance Analyzer for z/OS  
IBM CICS Transaction Gateway  
IBM IMS Configuration Manager for z/OS  
IBM IMS Connect Extension  
IBM Developer for z/OS



CI/CD pipeline : reliable and scalable



Fully automated Integrated-Test Environment



Deliver updates on a monthly basis



Using Agile and DevOps best practices & Tools



# IBM Explorer for z/OS Aqua – version 3.0 and 3.1

- Some offerings are updated **monthly**, while others are updated quarterly
- Some offerings contain fixes only, while others contain enhancements

Refer to Blogs  
for details

## IBM Explorer for z/OS Aqua V3.0 (for Eclipse Luna v4.4.2)



### IBM Application Delivery Foundation for z Systems V3.0

- IBM Developer for z Systems Enterprise Edition
- IBM Fault Analyzer for z/OS
- IBM File Manager for z/OS
- IBM Application Performance Analyzer

IBM CICS Explorer  
IBM CICS Performance Analyzer  
IBM CICS Interdependency Analyzer  
IBM CICS Deployment Assistant  
IBM CICS Configuration Manager  
IBM CICS Transaction Gateway

IBM Explorer for z/OS  
IBM Application Discovery  
IBM z/OS Connect EE  
IBM Data Studio  
IBM MQ Explorer  
IBM Rational Team Concert  
IBM Rational Programming Patterns  
IBM IMS for Dev

## IBM Explorer for z/OS Aqua V3.1 (for Eclipse Neon v4.6.3)



### IBM Application Delivery Foundation for z/OS V3.1

- IBM Developer for z/OS Enterprise Edition
- IBM Fault Analyzer for z/OS
- IBM File Manager for z/OS
- IBM Application Performance Analyzer

IBM CICS Explorer  
IBM CICS Performance Analyzer  
IBM CICS Interdependency  
Analyzer  
IBM CICS Deployment Assistant  
IBM CICS Configuration Manager  
IBM CICS Transaction Gateway

IBM Explorer for z/OS  
IBM Application Discovery  
IBM z/OS Connect EE  
IBM Data Studio  
IBM MQ Explorer  
IBM Rational Team Concert  
IBM Rational Programming Patterns  
IBM IMS for Dev  
IBM IMS Configuration Manager for  
z/OS  
IBM Health Center

# Training

- New location, same learning opportunities!
  - <https://ibm.github.io/mainframe-downloads/Training/Training.html>
- Our learning catalog offers you the training you need, featuring on-demand courses and live remote instructor-led training.



Badges

## Training

### Remote Instructor-led Training

Please click the button below to see the schedule.

Learn more

### IDz/RDz Self-Paced Learning

Learn more

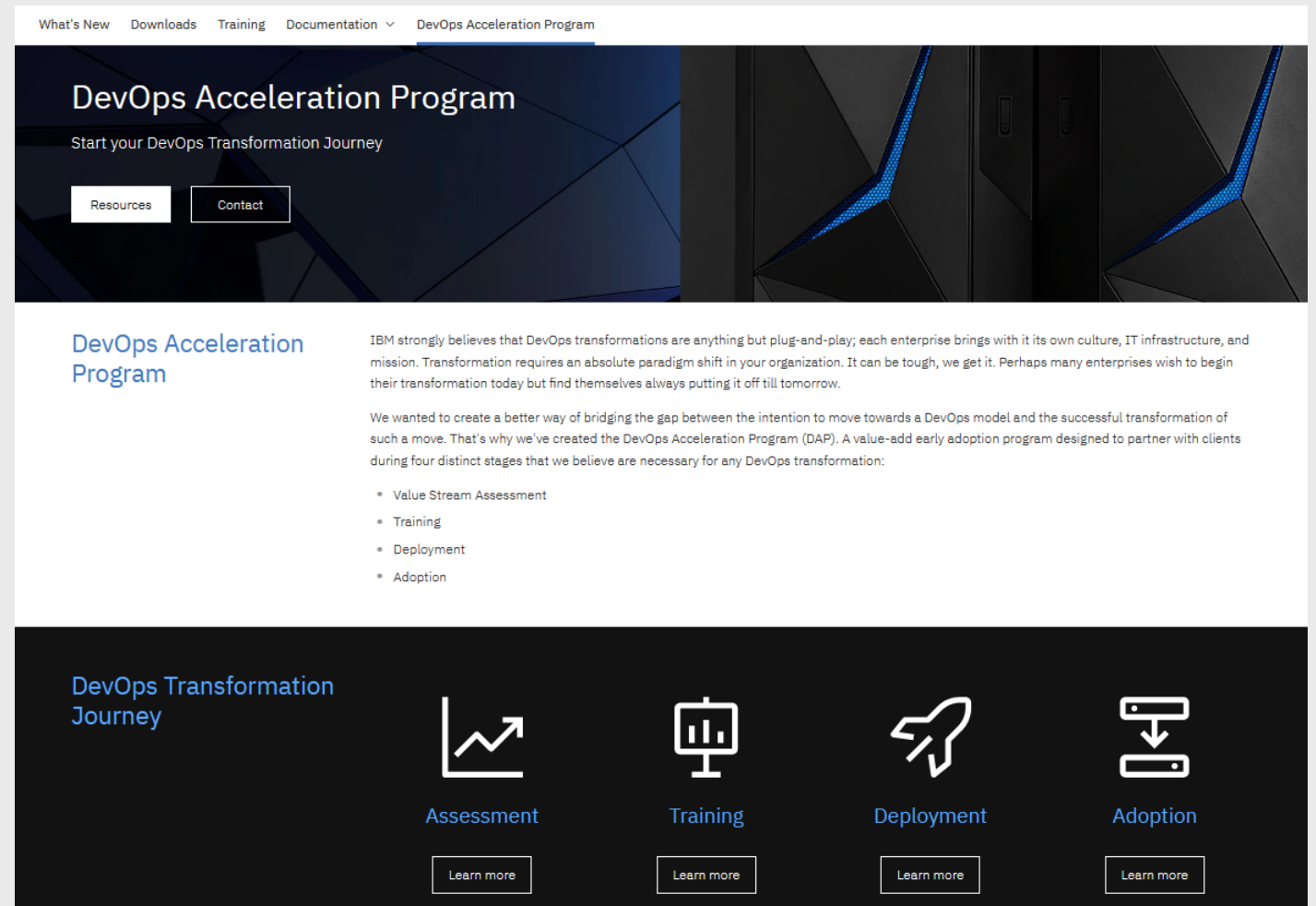
### IBM Dependency Based Build

Self-paced learning

Learn more

# DevOps Acceleration Program

- New location, same program!
  - [https://ibm.github.io/mainframe-downloads/DevOps\\_Acceleration\\_Program/devops-acceleration-program.html](https://ibm.github.io/mainframe-downloads/DevOps_Acceleration_Program/devops-acceleration-program.html)
- If you have any questions or inquiries regarding the DevOps Acceleration Program, please feel free to contact the [DevOps Acceleration Team](#)



The screenshot shows the IBM DevOps Acceleration Program website. The header includes navigation links: What's New, Downloads, Training, Documentation, and DevOps Acceleration Program. The main heading is "DevOps Acceleration Program" with the subtext "Start your DevOps Transformation Journey". Below this are two buttons: "Resources" and "Contact". The main content area features a paragraph about IBM's belief in DevOps transformations, followed by a list of four stages: Value Stream Assessment, Training, Deployment, and Adoption. The footer section, titled "DevOps Transformation Journey", displays four icons representing the stages: Assessment (line graph), Training (screen with bar chart), Deployment (rocket), and Adoption (server rack), each with a "Learn more" button.

What's New Downloads Training Documentation DevOps Acceleration Program

## DevOps Acceleration Program

Start your DevOps Transformation Journey

Resources Contact


### DevOps Acceleration Program

IBM strongly believes that DevOps transformations are anything but plug-and-play; each enterprise brings with it its own culture, IT infrastructure, and mission. Transformation requires an absolute paradigm shift in your organization. It can be tough, we get it. Perhaps many enterprises wish to begin their transformation today but find themselves always putting it off till tomorrow.

We wanted to create a better way of bridging the gap between the intention to move towards a DevOps model and the successful transformation of such a move. That's why we've created the DevOps Acceleration Program (DAP). A value-add early adoption program designed to partner with clients during four distinct stages that we believe are necessary for any DevOps transformation:


- Value Stream Assessment
- Training
- Deployment
- Adoption

### DevOps Transformation Journey




Assessment

Learn more




Training

Learn more



Deployment

Learn more



Adoption

Learn more

# Documentation

- IBM Knowledge Center is the home for product documentation
  - <https://www.ibm.com/support/knowledgecenter>
  - For example: IDz KC  
[https://www.ibm.com/support/knowledgecenter/en/SSQ2R2\\_14.2.0/com.ibm.wsentdev.doc/topics/kc\\_version\\_welcome\\_rdz.html](https://www.ibm.com/support/knowledgecenter/en/SSQ2R2_14.2.0/com.ibm.wsentdev.doc/topics/kc_version_welcome_rdz.html)

IBM Knowledge Center

Home of IBM product documentation

Search product documentation, reference, video, and more...

Take a tour

Find your product documentation

Select a product

Popular documentation

- Db2 (formerly Db2 for Linux UNIX and Windows)
- z/OS
- Db2 for z/OS
- WebSphere Commerce
- IBM MQ
- WebSphere Application Server

IBM Cloud Paks documentation

- IBM Cloud Pak for Applications
- IBM Cloud Pak for Automation
- IBM Cloud Pak for Data
- IBM Cloud Pak for Integration
- IBM Cloud Pak for Multicloud Management
- IBM Cloud Pak for Security

Explore product trials

Get started now with free apps and editions

Browse free trials

IT infrastructure documentation

- POWER9
- Power Systems Solution
- TS1140 Tape Drive (3592)
- Spectrum Scale
- Linux on IBM Systems

IBM Knowledge Center

Home > IBM Developer for z/OS 14.2.x >

## IBM Developer for z/OS V14.2 documentation

X Table of Contents Change version or product v

### Welcome

- + Overview of IBM Developer for z/OS
- + Getting started
  - Security considerations for Developer for z/OS
  - Notices for Developer for z/OS
- + Installing
- + Configuring
- + Developing z/OS applications with Eclipse
- + Developing with VS Code by using Wazi Development
- + Troubleshooting and support
- + Reference

Welcome to the IBM® Developer for z/OS® documentation on a workstation for local access.

### Getting started

- Overview of IBM Developer for z/OS
- What's new in IBM Developer for z/OS
- Documentation for IBM Debug for z/OS
- Overview of IBM z/OS Debugger
- Prerequisites
- Installing
- Configuring
- Host Configuration Assistant for Z Development (HCA)

# More Documentation

- Knowledge Center Installer for IBM Explorer for z/OS Aqua
  - <https://ibm.github.io/mainframe-downloads/kc.html>
- Host Configuration Assistant for Z Development
  - <https://ibm.github.io/mainframe-downloads/host-configuration-assistant.html>

## Knowledge Center Installer for IBM Explorer for z/OS Aqua

| Overview   | User's Guide | Change History | FAQs |
|--|--------------|----------------|------|
| <h3>Overview</h3> <p>Knowledge Center Installer for IBM Explorer for z/OS Aqua (KC Installer) is an application that enables you to install a locally hosted IBM Knowledge Center (local KC) on a workstation for local access.</p> <p>The pre-built local KC includes not only the documentation of IBM Explorer for z/OS (z/OS Explorer), but also the documentation of the products that are built on z/OS Explorer, such as IBM CICS Explorer and IBM z/OS Connect Enterprise Edition.</p> |              |                |      |

**Mainframe DEV** Downloads Documentation What is new

Home > Products > Host Configuration Assistant for Z Development

# Host Configuration Assistant for Z Development

## Overview

[Host Configuration Assistant for Z Development \(HCA\)](#) is a web wizard that is designed to simplify planning and configuring of host components for Z Development products. Host Configuration Assistant helps you determine the host components to configure for your products and provides you with feature-based checklists to let you focus on focus. The customized configuration tasks are generated and can be assigned to the programmer to assist the configuration step by step.



- Blogs similar to those that were previously grouped together in the Blogs page of the Mainframe Dev Center will now be found in their appropriate IBM Community.
  - COBOL blogs will be in the COBOL group
  - Zowe blogs in the Zowe group
  - DevOps blogs in the DevOps Solutions group

**Zowe**

Zowe is an open source project created to host technologies that benefit the Z platform from all members of the Z community

Contribute

Home Blog entries Discussions Events Videos Library

Blog entries RSS

This group Related

**Zowe API Mediation Layer for z/OS – Modern Interfaces for Development, Operation and Management APIs**

Zowe | Posted by Taylor Donner on 08/07/2020

Written on behalf of Tim Brooks, originally published 1/9/2019The Zowe API Mediation Layer (API ML) is the key to providing a seamless and modern way to create, build, manage and operate Z systems and resources. The Zowe API ML enables single sign on...

IBM Z IBM Z OS z/OS DB2 IMS

**Out of the box Zowe Explorer**

Zowe | Posted by Taylor Donner on 08/07/2020

Written on behalf of Colin Stone, originally published 3/3/2020Functionality of Zowe Explorer we may not have told you about.Out of the box the Zowe Explorer provides a lot of functionality allowing z/OS developers access to jobs, datasets and (USS)...

IBM Z IBM Z OS z/OS Software Zowe

Exploiting the MQ REST API through the Zowe CLI – MQ plugin

**Start a discussion**

What do you want to discuss?

Start a discussion

**Discussions**

This group Related

**ZOWE Started Task fails to connect**

GitHub | on 06/04/2020

IBM Z IBM Z OS z/OS

**On the rise of ZOWE and nodeJS a...**

reddit | on 05/07/2020

IBM Z IBM Z OS z/OS

The first time a user posts a blog or a discussion post or a library item (on a group by group basis) it will require approval. After being approved, the user will have authority to post in that same content type again (blog, discussion, library). This process happens for each user, for each group, for each content type.

## **Reminder:**

Use the **This group** button and the **Related** button to show content specifically for the current Topic Group or from other sources, such as other groups and web sites.

# Events

IBM Communities provides opportunities to publish/attend group specific events:

For example, IBM Z events: <https://www.ibm.com/community/z/events/>

Each Topic Group has an Events tab.

The screenshot shows the IBM Z and LinuxONE Community website. The top navigation bar includes the IBM logo, a 'Community' dropdown, and links for 'Get involved', 'Topic groups', 'User groups', 'Solutions', and 'Resources'. The main banner features 'DevOps Solutions' with the tagline 'Accelerate your journey to the cloud with seamless software delivery' and a 'Contribute' button. Below the banner is a navigation bar with tabs for 'Home', 'Blog entries', 'Discussions', 'Events' (which is highlighted), 'Videos', and 'Library'. The 'Events' section displays two event cards: 'z/OS Testing in a Cloud Native World' (Sep 29, 10:00 AM - 11:00 AM ET) and 'Extending your modern development practices to the mainframe' (Oct 22, 12:00 PM - 1:00 PM ET).

A grid of eight event cards from the IBM Z community. Each card includes a title, a date, and a 'Meetup' or 'Webinar' label. The events are: 1. 'New to Z : Australia Social Hours' (Aug 19, 2020, Meetup). 2. 'z/OS V2R4: Introduction to z/OS Container Extensions: Running Linux on z Docker Containers Inside z/' (Aug 20, 2020, Meetup). 3. 'z/OS V2R4: Getting Started with z/OS Container Extensions' (Aug 20, 2020, Meetup). 4. 'New to Z : Grab bag! Work from Home Open Mic!' (Aug 20, 2020, Meetup). 5. 'zCX Performance Considerations' (Aug 21, 2020, Meetup). 6. 'Práticas recomendadas de performance no ambiente Z - Part 2' (Aug 26, 2020, Webinar). 7. 'IBM Z Performance and Capacity Analytics' (Aug 27, 2020, Meetup). 8. 'Georgia IT Career Connection Summer Series : August Call' (Aug 28, 2020, Meetup).

# Q&A Forum replaced by Discussions

- The old Q&A Forum available from the Mainframe Dev Center site is now replaced by group specific Discussions.
  - COBOL discussions will be in the COBOL group
  - Zowe discussions in the Zowe group
  - DevOps discussions in the DevOps Solutions group

**COBOL**

COBOL is responsible for the efficient, reliable, secure, and unseen day-to-day operations of the world's economy.

Contribute ▾

Home Blog entries **Discussions** Events Videos Library

### Discussions

Most Recently Updated ▾ Posts in my groups ▾ 50 per page ▾

Post New Message

| Thread Subject  | Replies | Last Post                               |
|---|---------|---|
| Cobol for z/OS  | 0       | 3 hours ago by Phuluso Govern Ramulifho |
| How do I run a simple COBOL program in IBM Developer for z Systems? | 1       | one month ago by Meng Chai              |
| IDZ split line for COBOL  | 1       | one month ago by Meng Chai              |

### Related discussions

- Hackathon - Build IDE extensions/...  
reddit | on 08/10/2020  
IBM Z Software Languages
- Parse COBOL copybook in scala  
Stack Overflow | on 08/10/2020  
Languages COBOL Scala
- IBM Mainframe Cobol Programmer...  
Stack Overflow | on 07/29/2020  
IBM Z Languages COBOL
- In Cobol why would you have a PE...  
Stack Overflow | on 07/29/2020  
Languages COBOL

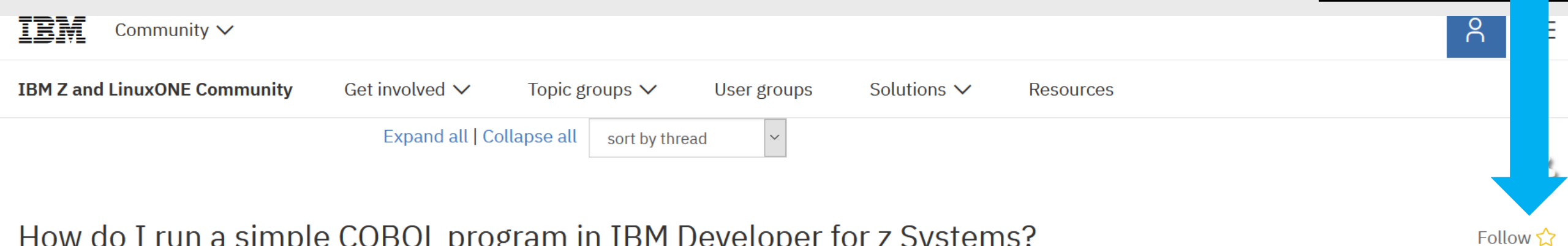
The first time a user posts a blog or a discussion post or a library item (on a group by group basis) it will require approval. After being approved, the user will have authority to post in that same content type again (blog, discussion, library). This process happens for each user, for each group, for each content type.

- Product support questions should still be asked in the IBM Support Forums or via Support Cases
  - <https://www.ibm.com/my-support/s/forumshome>

# Following a Discussion

- If you see an interesting question, you can Follow it and stay up to date.
  - When you follow a discussion post or library resource, you will automatically receive real time messages of any replies or comments made on the content item.
  - It is important to note that if you start a thread or upload a library resource, you will automatically be following the item. If you don't want to receive these updates, just un-click the Following button.

Click Follow



IBM Community

IBM Z and LinuxONE Community Get involved Topic groups User groups Solutions Resources

Expand all | Collapse all sort by thread

How do I run a simple COBOL program in IBM Developer for z Systems?

Follow

>  Meng Chai Tue June 30, 2020 10:06 PM  
Disclaimer: This post is migrated from IBM Developer Answers that is no longer in use. Its ori...

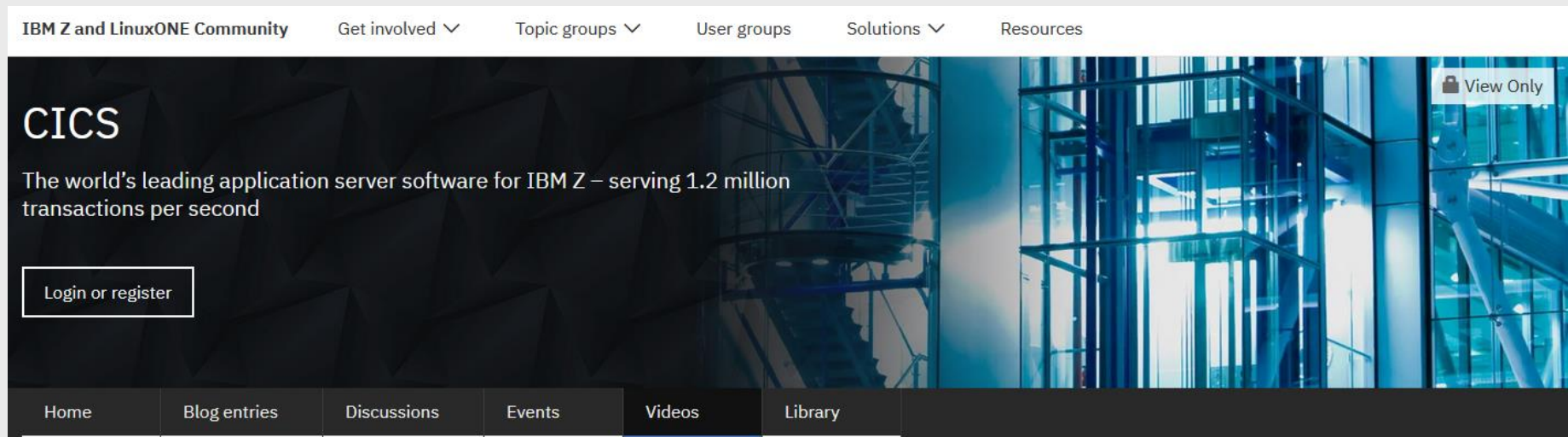
1. How do I run a simple COBOL program in IBM Developer for z Systems?

0 Recommend



# Videos

- Each community topic group has the ability to host videos.
- Currently, video contributions are strictly controlled by IBM Community admins.
  - This may change in the future.



## Videos

This group Related



COBOL Fridays: CICS Interaction



CICS Configuration Manager:  
Approvals



IBM CICS Configuration Manager –  
Search, Edit, Compare



Getting started with CICS Explorer:  
Getting Connected



# Introducing IBM Developer

- IBM Developer is a global community of coders.
  - <https://developer.ibm.com/>

Requires an IBMid (but they are FREE and provide many benefits)

- IBM Developer exists to bring coders together as a community, to tap into our collective innovative power. You'll have the opportunity to learn new tricks, share some of your own, and get expert advice on your coding challenges.
- IBM Developer is a one-stop location for open source code, security and compliance information, speed and reliability, in-depth learning tools, and support from our expert developer advocates.
- Since IBM Developer content is intended for developers the content is typically more technical and specific than the content found in IBM Communities.

## Technology Topics

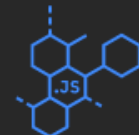
[View all →](#)



AI



Analytics



Node.js



Blockchain



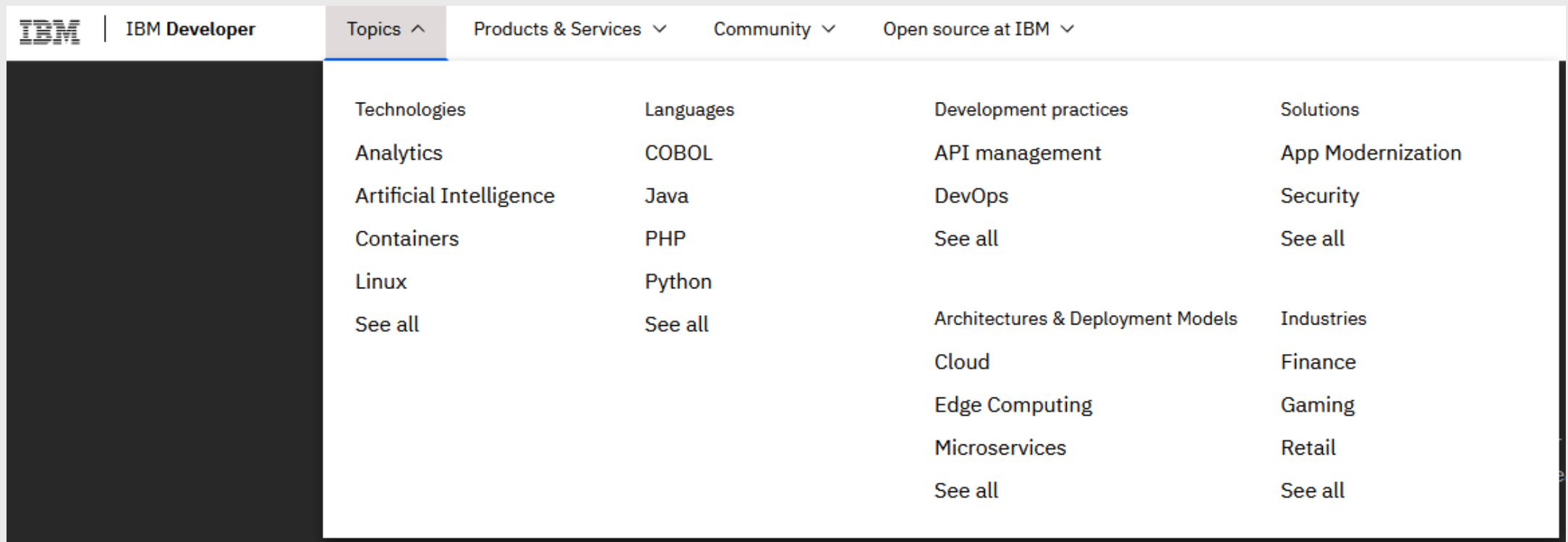
Containers



Java

# IBM Developer – Topics

- **COBOL**
- This area contains Articles, Code Patterns, Tutorials, Videos, Blogs, Events and more that are of interest to COBOL application developers.
- COBOL Fridays webcast series - <https://developer.ibm.com/series/cobol-fridays-webinar-videos/>



# Examples – COBOL

<https://developer.ibm.com/technologies/cobol/>

IBM

IBM Developer

Topics ▾

Products & Services ▾

Community ▾

Open source at IBM ▾

Q

CBL

COBOL

COBOL is an important language on the modern mainframe that enterprises and developers continue to rely on.

Articles

Code Patterns

Series

Tutorials

Videos

Community

Blog Posts

Events

Related topics

Find an expert

COBOL technical questions forum

Enterprise COBOL for z/OS documentation library

Enterprise COBOL for z/OS knowledge center

IBM Z and LinuxONE Community COBOL topic group

IBM Z resource hub

IBM LinuxONE resource hub

Open Mainframe Project

Featured | Education

Get started with COBOL

This course provides a set of training materials and labs to help you get started with COBOL.

IBM

COBOL FRIDAYS

CICS Interaction

Featured | Video | Tech Talks

COBOL Fridays: CICS interaction

Featured | Video

Introduction to COBOL programming language

Featured | Video

Is 2020 the Year of COBOL?

Upcoming Events

COBOL Fridays: Db2 Interaction

August 7, 2020

COBOL Fridays: IMS Interaction

August 21, 2020

more →

About COBOL

COBOL, Common Business-Oriented Language, was designed specifically for business. COBOL is responsible for the efficient, reliable, secure, and unseen day-to-day operations of the world's economy. The day-to-day logic used to process our most critical data is frequently done using COBOL.

26

# Examples – DevOps

<https://developer.ibm.com/devpractices/devops/>

## DevOps

Adopt DevOps approaches to develop and deliver software quickly and reliably

- Articles
- Code Patterns
- Podcasts
- Open Project
- Series
- Tutorials
- Videos
- Community
  - Blog Posts
  - Announcements
  - Digital Developer Conferences
  - Events
- Related topics
  - Continuous delivery
  - Continuous integration
  - Tekton
- More resources
  - What is DevOps?
  - IBM Cloud: Welcome to DevOps
  - Enterprise DevOps
  - DevOps toolchains architecture

Featured | Digital Developer Conference

## Digital Developer Conference Hybrid Cloud

Build smart and secure applications on hybrid cloud with agility, flexibility, and portability using open source technologies, frameworks, and platforms...

Featured | Blog Post

### The modern developer experience

Upcoming Events

**Code@Think UK & Ireland**

📍 London

📅 October 7, 2020

**Cloud Developer Tools Series: Hello, World! Create REST APIs w API Connect**

📅 October 7, 2020

[more →](#)

Featured | Article

### Performing automated canary releases using Iter8 in Tekton

Featured | Digital Developer Conference

### Digital Developer Conference: Cloud Native Security

## About DevOps

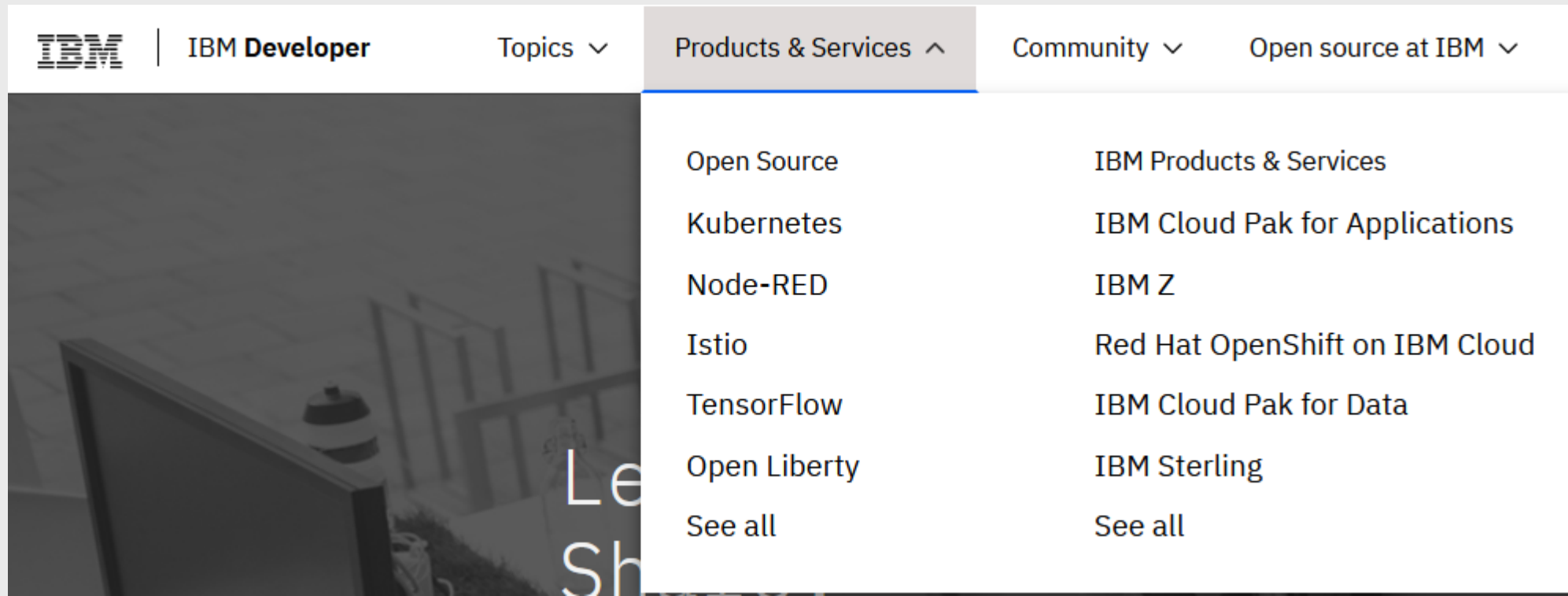
DevOps encourages collaboration, automation, and integration between developers and operations teams to improve the speed and quality of agile software development.

## Solutions

DevOps and Agile

# IBM Developer – Products and Services


- **IBM Z**
- This area contains Articles, Code Patterns, Podcasts, Tutorials, Videos, Blogs, Announcements, Events and more that are of interest to IBM Z developers.
- **Cloud native development tools on IBM Z**
- This area contains Articles, Podcasts, Tutorials, Videos, Blogs, Events and more that are of interest to mainframe application developers.






# Examples – IBM Z

<https://developer.ibm.com/components/ibmz/>

 IBM Developer

Topics ▾ Products & Services ▾ Community ▾ Open source at IBM ▾



IBM Z

Get started with IBM Z

Try IBM Z

Articles

Code Patterns

Podcasts

Series

Tutorials

Videos

Community

Blog Posts

Announcements

Events

Related topics

IBM Z

IBM LinuxONE

Cloud native development tools on IBM Z

COBOL

z/OS Connect


Overview

Through technical content geared specifically for developers starting out on the mainframe, this is the place to start building your career on this mission-critical enterprise platform.

Support your digital transformation and get the cloud you want -- with the privacy and security you need.


Get started with IBM Z →

Try IBM Z ↗



Featured | Video | Tech Talks

Introduction to COBOL programming language



Featured | Video | Tech Talks

Mainframe a la Mode: Easy mainframe development with IDz

Upcoming Events

**zStudents: A Student's Guide to Open Source**  
August 6, 2020

**COBOL Fridays: Db2 Interaction**  
August 7, 2020

more →

# IBM Developer Podcasts

<https://developer.ibm.com/components/ibmz/podcasts>

Z DevOps Talks series  
available here

IBM Z

Get started with IBM Z

Try IBM Z

Articles

Code Patterns

Podcasts

Series

Tutorials

Videos

Community

Blog Posts

Announcements

Events

Related topics

IBM Z

IBM LinuxONE

Cloud native development tools on IBM Z

COBOL

z/OS Connect

IBM Z

Podcasts

Hear all about the latest technologies, products, or services from IBM, open source communities, and others.

Search all Podcasts →

Podcast

Rosalind Radcliffe | DevSecOps | Origin Story

Episode

IBM Developer Podcast →

Podcast

John Mertic | Open MainFrame Project

Episode

IBM Developer Podcast →

Podcast

Matthew Cousens - Developer Advocate - IBM Z and LinuxONE

Episode

IBM Developer Podcast →

30

# IBM Developer Videos

<https://developer.ibm.com/components/ibmz/videos>

Many general IBM Z videos from Mainframe Dev Center available here

The screenshot shows the IBM Developer website's 'Videos' section for IBM Z. The top navigation bar includes the IBM logo, 'IBM Developer', and links for 'Topics', 'Products & Services', 'Community', and 'Open source at IBM'. A left sidebar lists various content types: 'Get started with IBM Z', 'Try IBM Z', 'Join the community', 'Register for IBM Z Day on Sept. 15', 'Articles', 'Code Patterns', 'Podcasts', 'Series', 'Tutorials', 'Videos', 'Community', 'Blog Posts', 'Events', 'Related topics', 'IBM Z', 'IBM LinuxONE', 'Cloud native development tools on IBM Z', 'COBOL', 'z/OS Connect', 'More resources', 'IBM Z and LinuxONE Community', 'What is a mainframe?', 'Get started with COBOL', 'IBM Z Coder Challenges', 'Learn with Coursera IBM z/OS Mainframe Practitioner', 'Discover IBM Z Skills programs and resources', and 'Attend IBM Z events'. The main content area is titled 'IBM Z Videos' and includes a description: 'From expert tech talks to live streams to replays of live tech talks or events, videos let you watch developers demonstrate or talk about technologies, products, or services.' Below this is a grid of video thumbnails. Each thumbnail features a title, a subtitle, a date, and a play button icon. The videos are categorized by series like 'Mainframe a La Mode' and 'IBM COBOL FRIDAYS'. The first row includes 'Mainframe a La Mode: Securing digital assets with IBM Cloud Hyper Protect Services on LinuxONE' (August 14, 2020), 'COBOL Fridays: Db2 Interaction' (August 7, 2020), and 'Mainframe a La Mode: Easy mainframe development with IDZ' (July 31, 2020). The second row includes 'COBOL Fridays: CICS Interaction' (July 24, 2020), 'Mainframe a La Mode: Containers + IBM Z -- are they a match?' (July 17, 2020), and 'COBOL Fridays: What about performance and optimization?' (July 10, 2020). A search bar labeled 'Search all Videos' is located in the top right corner of the video grid.

IBM Z

Get started with IBM Z

Try IBM Z

Join the community

Register for IBM Z Day on Sept. 15

Articles

Code Patterns

Podcasts

Series

Tutorials

Videos

Community

Blog Posts

Events

Related topics

IBM Z

IBM LinuxONE

Cloud native development tools on IBM Z

COBOL

z/OS Connect

More resources

IBM Z and LinuxONE Community

What is a mainframe?

Get started with COBOL

IBM Z Coder Challenges

Learn with Coursera IBM z/OS Mainframe Practitioner

Discover IBM Z Skills programs and resources

Attend IBM Z events

IBM Z Videos

From expert tech talks to live streams to replays of live tech talks or events, videos let you watch developers demonstrate or talk about technologies, products, or services.

Search all Videos →

**Mainframe a La Mode**

Securing Digital Assets with Hyper Protect Services on LinuxONE

Video | Tech Talks

**Mainframe a la Mode: Securing digital assets with IBM Cloud Hyper Protect Services on IBM LinuxONE**

August 14, 2020

**IBM COBOL FRIDAYS**

Db2 Interaction

Video | Tech Talks

**COBOL Fridays: Db2 Interaction**

August 7, 2020

**Mainframe a La Mode**

Easy Mainframe Development with IDZ

Video | Tech Talks

**Mainframe a la Mode: Easy mainframe development with IDZ**

July 31, 2020

**IBM COBOL FRIDAYS**

CICS Interaction

Video | Tech Talks

**COBOL Fridays: CICS interaction**

July 24, 2020

**Mainframe a La Mode**

Containers + IBM Z -- are they a match?

Video | Tech Talks

**Mainframe a la Mode: Containers + IBM Z -- are they a match?**

July 17, 2020

**IBM COBOL FRIDAYS**

What about COBOL Performance & Optimization?

Video | Tech Talks

**COBOL Fridays: What about performance and optimization?**

July 10, 2020

**IBM COBOL FRIDAYS**

Cloud Native Developer

# IBM Developer Events

<https://developer.ibm.com/components/ibmz/events/>

The screenshot shows the IBM Developer Events page for IBM Z. The top navigation bar includes the IBM logo, 'IBM Developer', and links for 'Topics', 'Products & Services', 'Community', and 'Open source at IBM'. A left sidebar lists various resources: 'IBM Z' (with sub-links for 'Get started with IBM Z', 'Try IBM Z', 'Articles', 'Code Patterns', 'Podcasts', 'Series', 'Tutorials', and 'Videos'), 'Community' (with 'Blog Posts', 'Announcements', and 'Events'), and 'Related topics' (including 'IBM Z', 'IBM LinuxONE', 'Cloud native development tools on IBM Z', 'COBOL', and 'z/OS Connect'). The main content area features a large 'IBM Z Events' header with a descriptive paragraph. Below this, two event cards are displayed. The first card, titled 'Mainframe a La Mode| Securing Digital Assets with Hyper Protect Services on LinuxONE', is scheduled for August 14, 2020. The second card, titled 'COBOL Fridays: IMS Interaction', is scheduled for August 21, 2020. Both cards include a right-pointing arrow icon.

IBM | IBM Developer Topics Products & Services Community Open source at IBM

## IBM Z Events


Events happen all around the world. Our developer experts host or attend events of all types. This global collective of coders lets you connect with peers to brainstorm, create, and solve challenges

| Event   Webcast  | Event   Webcast  |
|--|--|
| <h3>Mainframe a La Mode  Securing Digital Assets with Hyper Protect Services on LinuxONE</h3> <p>📅 August 14, 2020 →</p> | <h3>COBOL Fridays: IMS Interaction</h3> <p>📅 August 21, 2020 →</p> |




# Examples – Cloud native development tools for IBM Z

<https://developer.ibm.com/components/cloud-native-dev-tools-ibmz/>

 IBM Developer

Topics ▾ Products & Services ▾ Community ▾ Open source at IBM ▾



Cloud native development tools on IBM Z

Get Cloud native development tools on IBM Z

Articles

Podcasts

Tutorials

Videos

Community

Blog Posts

Events

Related topics

IBM Z

IBM LinuxONE

Cloud native

Red Hat OpenShift on IBM Cloud

More resources

Private cloud architecture

Public cloud architecture


Containers Newsletter

Overview

Start working with development tooling for z/OS, Linux on IBM Z, LinuxONE, and more


Modernize your workflows and simplify life for developers with continuous, cloud-native development tooling on IBM Z.

Get Cloud native development tools on IBM Z



Featured | Blog Post

z15 and LinuxONE III single frames: Build secure for developers




Featured | Blog Post

UNESCO CodeTheCurve global virtual hackathon: Build your skills and help make a difference

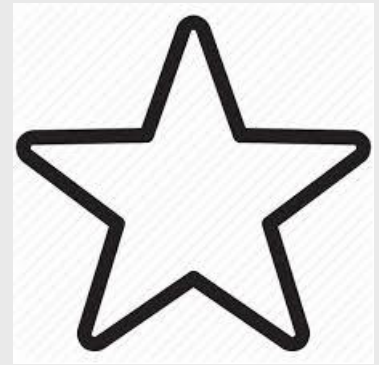
Upcoming Events

J4K.io - Orlando - October 2020

 October 13, 2020

more →

# New Favorite URLs



IBM Z and LinuxONE Community: <https://www.ibm.com/community/z/>

IBM Developer: <https://developer.ibm.com/>

## **IBM Z and LinuxONE Topic Groups**

DevOps Solutions: <https://www.ibm.com/community/z/solutions/devops>

COBOL: <https://www.ibm.com/community/z/languages/cobol>

CICS: <https://www.ibm.com/community/z/software/cics>

Zowe: <https://www.ibm.com/community/z/software/zowe>

z/OS Connect: <https://www.ibm.com/community/z/software/zos-connect>

z/OS Explorer: <https://www.ibm.com/community/z/software/zos-explorer>

Z Systems Management: <https://www.ibm.com/community/z/software/sysmanagement>

ADFz: <https://www.ibm.com/community/z/software/adfz>

ADDI: <https://www.ibm.com/community/z/software/addi>

IDzEE: <https://www.ibm.com/community/z/software/idzee>

z/OS Debugger: <https://www.ibm.com/community/z/software/zos-debugger>

DBB: <https://www.ibm.com/community/z/software/ibm-dbb>

Wazi Developer: <https://www.ibm.com/community/z/software/wazi-developer>

Wazi VTP: <https://www.ibm.com/community/z/software/wazi-vtp>

# More URLs (that have not changed) to Favorite

- IBM Z Trial:
  - <https://ibm.biz/z-trial>
- IBM DevOps for Enterprise Systems:
  - <https://www.ibm.com/it-infrastructure/z/capabilities/enterprise-devops>
- Develop Mainframe Software with Open Source Source Code Managers and IBM Dependency Based Build:  
<https://www-03.ibm.com/support/techdocs/atsmastr.nsf/WebIndex/WP102772>
- Subscribe to the DevOps for IBM Z Newsletter:
  - <https://www.pages02.net/ibm-zsystemsservices/DevOpsZNews/>
- News articles: <https://ibm.github.io/zopeneditor-about/Blog/new-content.html#ibm-wazi-in-the-news>
- Videos:
  - Cloud Native Development with IBM Z - [https://mediacenter.ibm.com/media/t/1\\_8roweeco](https://mediacenter.ibm.com/media/t/1_8roweeco)
  - Mainframe CI/CD with an open toolchain - <https://www.linkedin.com/pulse/mainframe-cicd-open-toolchain-its-real-spectacular-minaz-merali/>



IBM