



IBM Software Group

IBM Developer for z Systems – for ISPF Developers

Module 7 – MVS Subprojects - Organizing PDS Members



DevOps

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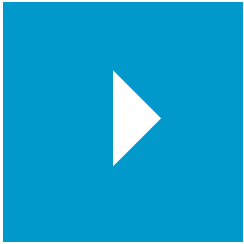
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UNIT

The RDz Workbench

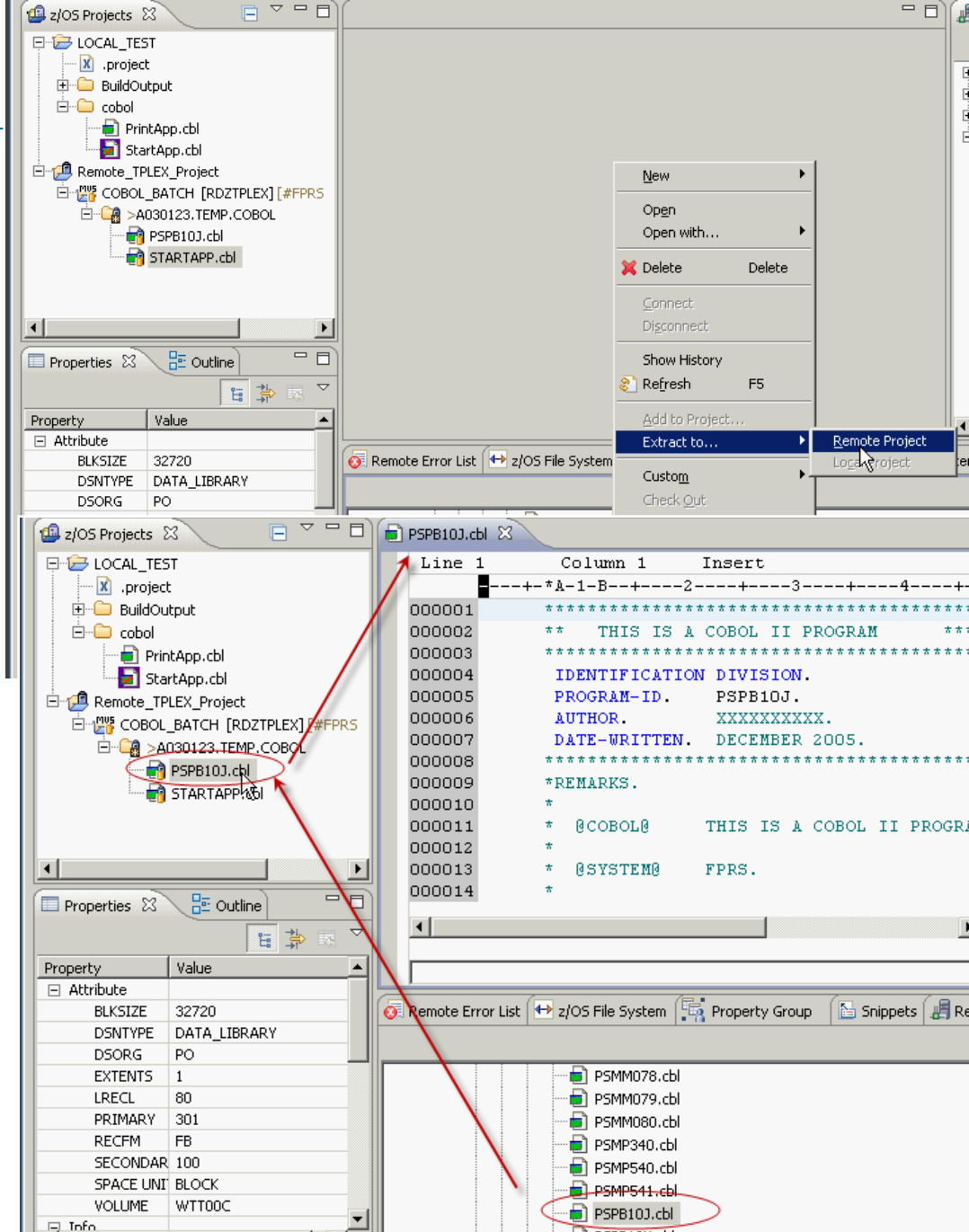


Topics:

- MVS Subprojects
- Offline Subprojects
- **MVS Subproject use with CARMA for Endeavor/Changeman**

Integration with RDz projects

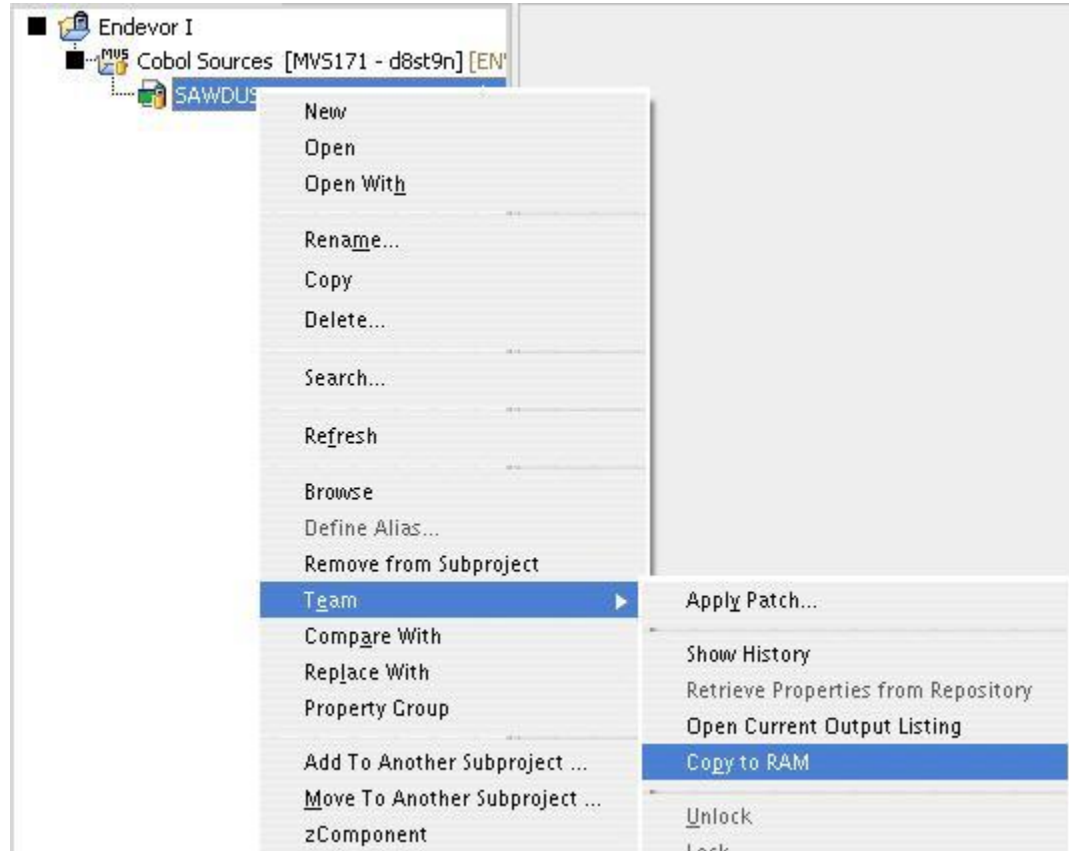
- **To Check Out Endeavor or Changeman Files:**
 - ▶ Extract to Remote Project
 - ▶ Creates an MVS Subproject
 - ▶ Enter Endeavor sign out parameters
 - Change Control ID
 - Comment
 - Signout override
 - Expand includes (Y|N)
 - Others
 - ▶ From z/OS projects all RDz functions are available
 - Content assist
 - Smart Edit capability
 - All z/OS Mapping is done
 - All Property Group/SYSLIB work is done for you
 - Links to copy members built from the SCM meta-data



Check back into Endeavor 1 of 2

- **To put z/OS projects back into Endeavor**

- ▶ Team > Copy to RAM
- ▶ Enter Endeavor sign in parameters
 - Info on where to place it
 - Honoring Endeavor/Changeman control rules
 - Change Control ID
 - Comment
 - Generate process (or not)
 - Others



Frequently Asked Questions about MVS Subprojects

- Can I add JES members – or GDGs or VSAM files to an MVS Subproject?
 - ▶ **Not currently**
- The <HLQ>.ERRORCOB data set does not yet exist, is this correct?
 - ▶ **Yes - You do not need to create this dataset. The RDz system will generate it for you (it's an XML file that lives on the mainframe)**
- Can we mention more than one copybook libraries that should be used for compilation in the property group? Similarly can mention than one object libraries that can be used during linking process?
 - ▶ **You separate COPYLIB and load module/OBJ library datasets in the Properties by one or more spaces**
- When Generate JCL is done, are the compiler options taken from the linked property groups ?
 - ▶ **Actually no. Over-rides are taken from there. But the original compiler options (defaults) are buried in the PROC executed**
- How are full builds done normally in a mainframe shop - can those be launched from RDz
 - ▶ **RDz only has knowledge of:**
 - **MVS Subprojects**
 - **Individual resources**
 - ▶ **You can rebuild an MVS Subproject using this Context Menu option**
- Can we work in offline mode if the remote system is not connected, meaning that when we open RDz we don't need to sign on, we just start work with an offline z/OS project?
 - ▶ **Correct - RSE does not need to be connected, in order to use an Offline MVS Subproject**
- If I started a new COBOL program locally, how do I make it into a MVS subproject or on the mainframe
 1. **Move the new program to a mainframe LPAR that is connected to a subproject**
 2. **Then add the program to the subproject from the LPAR connection**

Frequently Asked Questions - continued

- Can I include HTML, CSS and JavaScript files in my MVS Subproject too?
 - ▶ Yes, if those files exist in the LPAR connected to your Subproject
- If we want to make our changes made in the Local system reflect in Z/OS, how to do that
 - ▶ **If the Subproject is online: Ctrl/S (save)**
 - ▶ **If the Subproject is offline: Right-click, and from the Context Menu select: Work Online**
- Once the Code is in the content area of RDz, it means the file is downloaded to the cache? Is it same for RSE also?
 - ▶ **Yes to both questions. RDz uses cached copies of files**