The issue I worked on:

zopen info -r not showing Build Dependencies

```
09:39:35 RC=(0) [SYSA] bash-5.2$ zopen info git
 => git: STABLE 2.48.1
Description:
                      git on z/OS
==> Package
Version:
                      2.48.1
Release:
                      20250128 192801
                      STABLE
Buildline:
Categories:
                      development source control
                     https://github.com/zopencommunity/gitport
https://github.com/zopencommunity/gitport/blob/main/patches/LICENSE
GitHub:
License:
zopen license:
                      https://github.com/zopencommunity/gitport/blob/main/LICENSE
 => Installation Details
Installed:
Installed:
Installation Path:
                      /hewitt/zopentools/zopen_repo/usr/local/zopen/git/git-heads.v2.48.1.20250128 192801.zos
Installation Size: 210.803 MB
 ==> Test Status
Passed:
                     89/92 (96%)
 ==> Package Details
Download Size:
                     52.67 MB
Commit SHA:
                      be3a731b0efd1c47adf8259f09c1e584c493c109
Community SHA:
                      f93ff170b93a1782659637824b25923245ac9dd1
 => Dependencies
Build:
                      autoconf, automake, bash, check_clang, check_python, coneutils, curl, curl, diffutils, expat, gawk, gettext, git, git, gzip, help2man, jq,
libpcre2, m4, make, ncurses, openssl, perl, sed, sed, tar, tar, texinfo, xz, zlib, zoslib, zoslib
Kuntime: bash, less, ncurses, perl
09:39:40 RC=(0) [SYSA] bash-5.2$ zopen info git -r
==> git (Build 2873) - (STABLE) (Not Installed)
 ==> Package
Version:
                     2.48.1.0
Release:
                     20250128 192801
Buildline:
                      gitport 2873
Categories:
                     development source_control
GitHub:
                     https://zopencommunity/gitport/releases/download
Installed:
==> Test Status
Passed:
                     89/92 (96%)
 ==> Package Details
Download Size:
                      25.80 MB
Install Size:
Community SHA:
                      f93ff170b93a1782659637824b25923245ac9dd1
 => Dependencies
```

- Link: https://github.com/zopencommunity/meta/issues/954
- Description of issue: When using the zopen info command, the build dependencies will appear. However, when we add -r at the end, it will not show the build dependencies.

The initial solution I implemented:

- Since we know that -r will force a remote lookup, it means that when we run the "zopen info -r" it will access the remote JSON_CACHE to retrieve the build dependencies data.
- When looking into the zopen-info file with the code for that command, I saw that
 there was no code allowing build dependencies to be displayed in a remote
 lookup. To fix this, I first parsed the build and runtime dependencies field from the
 remote_data JSON object using the jq tool.
 - o This is seen here:
 - build_dependencies=\$(echo "\${remote_data}" | jq -r '.assets[0].build dependencies | join(", ")')

- runtime_dependencies=\$(echo "\${remote_data}" | jq -r
 '.assets[0].runtime_dependencies')
- I then created a Dependencies section that formatted and displayed both the build and runtime dependencies. I also added a condition that checked if either of these fields was missing or empty which would then display "None".
 - O Here is how it looks:
 - printHeader "==> Dependencies"
 - if [-n "\${build_dependencies}"]; then
 - printf "%-20s %s\n" "Build:" "\${build_dependencies}"
 - else
 - printf "%-20s %s\n" "Build:" "None"
 - f
 - if [-n "\${runtime_dependencies}"]; then
 - printf "%-20s %s\n" "Runtime:" "\${runtime_dependencies}"
 - else
 - printf "%-20s %s\n" "Runtime:" "None"
 - fi
- This should hopefully fix the issue.