

# SOFTWARE DISCOVERY TOOL MENTORSHIP

SEARCH  
RESOURCES  
CURRENTLY  
AVAILABLE,  
WHERE THE  
SOFTWARE  
DISCOVERY  
TOOL FITS,  
AND THE  
MENTORSHIP  
PROGRAM

# EXISTING TOOLS AND WEBSITES

- Package Distro Search (PDS) <http://148.100.113.82/pds/>
- Open Mainframe Project Interactive Landscape <https://landscape.openmainframeproject.org/>
- IBM's Validated Open Source Software list <https://www.ibm.com/community/z/open-source-software/>

# EXISTING STRATEGIES



SEARCH THE OPEN  
SOURCE PROJECT FOR  
BINARIES

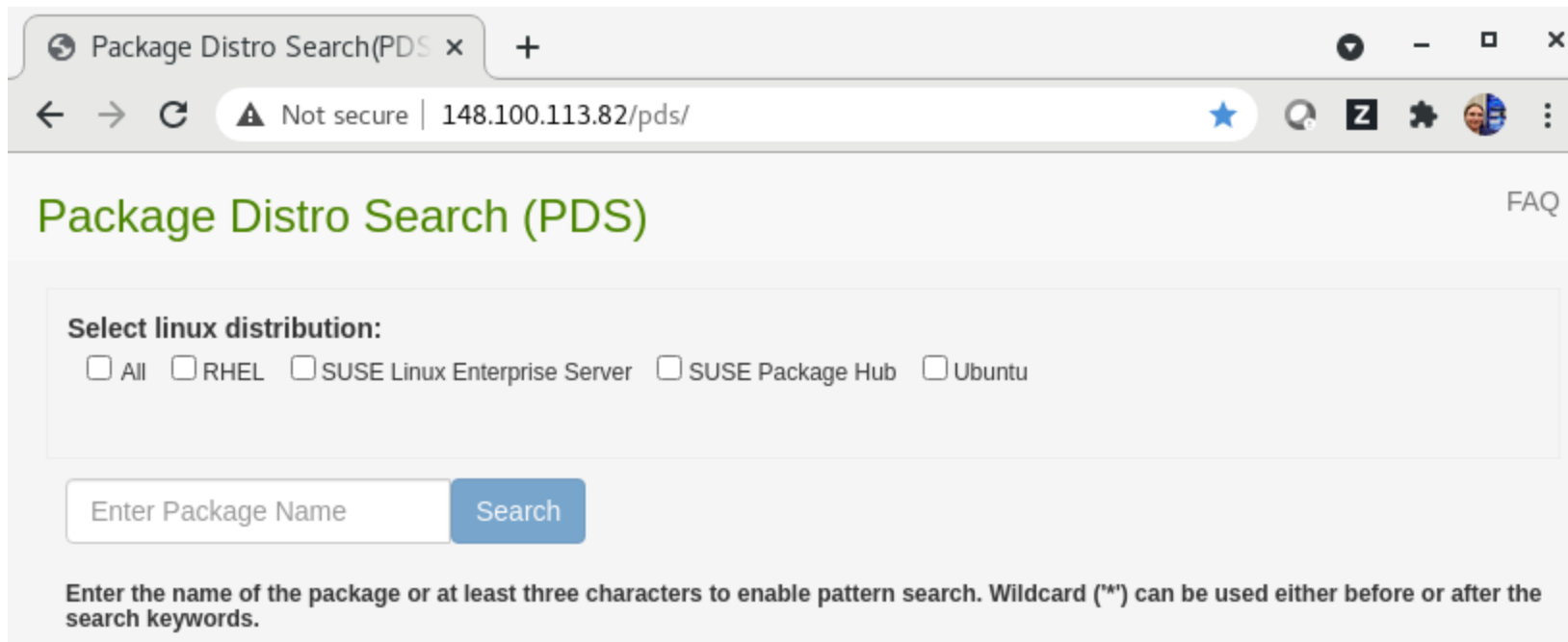


BUILD YOUR OWN  
BINARIES WITH OPEN  
SOURCE SOFTWARE  
SOURCE



ASK YOUR VENDOR

# TODAY



The screenshot shows a web browser window with the title "Package Distro Search(PDS)". The address bar shows the URL "148.100.113.82/pds/" with a "Not secure" warning. The page content includes a title "Package Distro Search (PDS)" with a link to "FAQ". Below this is a section titled "Select linux distribution:" with five radio button options: "All", "RHEL", "SUSE Linux Enterprise Server", "SUSE Package Hub", and "Ubuntu". At the bottom, there is a search bar with the placeholder text "Enter Package Name" and a blue "Search" button. A note below the search bar states: "Enter the name of the package or at least three characters to enable pattern search. Wildcard (\*) can be used either before or after the search keywords."

Package Distro Search(PDS) +

← → ↻ ⚠ Not secure | 148.100.113.82/pds/ ★ 🔍 📁 ⚙️ 👤 ⋮

## Package Distro Search (PDS) [FAQ](#)

**Select linux distribution:**

☐ All ☐ RHEL ☐ SUSE Linux Enterprise Server ☐ SUSE Package Hub ☐ Ubuntu

Enter Package Name


Enter the name of the package or at least three characters to enable pattern search. Wildcard (\*) can be used either before or after the search keywords.

# TOMORROW – MENTORSHIP WORK

Software Discovery Tool

Package Distro Search(PDS) x +

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 OPEN MAINFRAME PROJECT  
**Software Discovery Tool**

Blurb about page

FAQ

~~Select linux distribution.~~ Select operating system

☐ All ☐ RHEL ☐ SUSE Linux Enterprise Server ☐ SUSE Package Hub ☐ Ubuntu

☐ Debian ☐ openSUSE ☐ z/OS

Enter Software Name

Enter the name of the package or at least three characters to enable pattern search. Wildcard (\*) can be used either before or after the search keywords.

Updated FAQ

# TOMORROW – MENTORSHIP WORK

- Basic UI improvements (see last slide)
- Text explaining what the website is and...
  - Linking to the Open Mainframe Project
  - Adding a Contribute link to GitHub repo (footer?)
- Support for z/OS
- Backend JSON file for open source z/OS applications
- Improvements to FAQ, including how to Bring Your Own JSON file back ends
- Improvements to Documentation
- Stretch goal: API for querying JSON back ends
- Stretch goal: Backend JSON files for Debian, openSUSE, ClefOS, etc
- Stretch goal: CI/CD (by OMP)
- Stretch goal: Hosted instance of tool (by OMP)

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# THINK ABOUT YOUR GOALS

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