



OPEN **MAINFRAME** PROJECT

Software Discovery Tool

Project

"The Software Discovery Tool matches developers with the best open source software that meets their needs."

- Public web form for searching.
- JSON backend for simple swapping out of software sources for those self-hosting.
- Project currently provides:
 - Open source repository search for SLES, RHEL, and Ubuntu
 - Easy to add your own JSON-based sources



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Current Status

Core code in the process of forked from <https://github.com/linux-on-ibm-z/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.

Disclaimer: The package information is provided AS-IS with no representations whatsoever with respect to accuracy and/or completeness. We reserve the right to change the information at any time and without notice. To obtain the most current package information, please visit the official linux distribution websites.

```
[{"packageName": "aaa_base", "version": "84.87+git20180409.04c9dae-3.39.1"}, {"packageName": "bash", "version": "4.4-9.10.1"}, {"packageName": "blog", "version": "2.18-4.11"}, {"packageName": "boost-license1_66_0", "version": "1.66.0-10.1"}, {"packageName": "ca-certificates", "version": "2+git20170807.10b2785-7.3.3"}, {"packageName": "ca-certificates-mozilla", "version": "2.42-9.3.1"}, {"packageName": "ca-certificates-mozilla", "version": "2.40-4.18.8"}, {"packageName": "container-suseconnect", "version": "2.2.0-4.9.3"}, {"packageName": "coreutils", "version": "8.29-2.12"}, {"packageName": "cpio", "version": "2.12-3.3.1"}, {"packageName": "cracklib", "version": "2.9.7-11.3.1"}, {"packageName": "cracklib", "version": "2.9.6-9.3"}, {"packageName": "cracklib-dict-small", "version": "2.9.7-11.3.1"}, {"packageName": "cracklib-dict-small", "version": "2.9.6-9.3"}, {"packageName": "curl", "version": "7.66.0-4.6.1"}, {"packageName": "curl", "version": "7.66.0-4.3.1"}, {"packageName": "curl", "version": "7.66.0-2.59"}, {"packageName": "dbus-1", "version": "1.12.2-8.3.1"}, {"packageName": "diffutils", "version": "3.6-4.3.1"}, {"packageName": "diffutils", "version": "3.6-2.11"}, {"packageName": "file", "version": "5.32-7.8.1"},
```



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Plans

- Add z/OS support to search UI
- Improve UI design
- Add more back end software sources:
 - Coming soon: Open source project search for z/OS
 - Planned: Open source repository search for Debian and ClefOS
 - Planned: Projects that have build instructions on <https://github.com/linux-on-ibm-z/docs/wiki>
 - Planned: Miscellaneous other open source projects that have s390x builds



Join us!

- Website: <https://www.openmainframeproject.org/projects/software-discovery-tool>
- Mailing list: <https://lists.openmainframeproject.org/g/software-discovery-tool-discussion>
- Slack: #software-discovery-tool on the Open Mainframe Project Slack
- GitHub: <https://github.com/openmainframeproject/software-discovery-tool>



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