

GSoC Project Updates - 2024

PWG-OP Joint Summit
May 6, 2024



Open Printing

making printing just work

Aveek Basu - Program Manager

GSoC 2023 Projects

- **CPDB support for application's print dialogs: Firefox, Chromium, LibreOffice :**
Contributor: Kushagra Sharma ●
- **Sand-Boxed Scanner Application Framework :**
Contributor: Akarshan Kapoor ●
- **GNOME Control Center: List and handle IPP print services for the New Architecture:**
Contributor: Mohit Verma ●
- **Continuous Integration: Test Programs for libcupsfilters, libpappl-retrofit, libppd, CPDB, CPDB Libs:**
Contributor: Pratyush Ranjan ●
- **Adding support for the new functionality of IPP Everywhere 2.x to libcupsfilters and CPDB:**
Contributor: Gayatri Kapse ●
- **Native gutenprint Printer Application:**
Contributor: Yuvraj Aseri ●

Details: <https://wiki.linuxfoundation.org/gsoc/google-summer-code-2023-openprinting-projects>



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GSoC 2023 Mentors & Admins

- **Till Kampeter**
- **Michael Sweet**
- **Ira McDonald**
- **Danny Brennan**
- **Zdenek Dohnal**
- **Pranshu Kharkwal**
- **Chandresh Soni**
- **Rishabh Maheshwari**
- **Solomon Peachy**
- **Deepak Patankar**
- **Rithvik Patibandla**
- **Dheeraj Yadav**
- **Shivam Mishra**
- **Gaurav Guleria**
- **Admins:**
 - Till Kampeter
 - Aveek Basu



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GSoC 2024 Projects

- **PAPPL API Bridging for Scanner Applications :**
Contributor: Akarshan Kapoor
- **Packaging CUPS and Printer Apps into OCI images :**
Contributor: Rudra Pratap Singh
- **Desktop integration: CPDB support for the LibreOffice print dialog :**
Contributor: Biswadeep Purkayastha
- **Desktop integration: CPDB support for the print dialogs of Mozilla :**
Contributor: Kushagra Sharma
- **Desktop Integration: Update system-config-printer for the New Architecture of printing :**
Contributor: Shivam Jaiswal
- **Make a native printer Application from Gutenprint :**
Contributor: Ankit Pal Singh
- **GNOME Control Center: Finalizing the New Printing Architecture for GNOME :**
Contributor: Kaushik Vishwakarma
- **User interfaces for using OAuth2 with printers and scanners :**
Contributor: Shivam Sharma



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GSoC 2024 Projects

- **Converting Braille embosser support into a Printer Application :**
Contributor: Arun Patwa
- **Replace QPDF by PDFio as PDF manipulation library in libcupsfilters :**
Contributor: Uddhav Phatak
- **Integrating C-based OpenPrinting Projects in OSS-Fuzz Testing :**
Contributor: Jiongchi Yu

Details: <https://wiki.linuxfoundation.org/gsoc/google-summer-code-2024-openprinting-projects>



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- **Opportunity Open Source 1.0 - Event Snaps**

Indian Institute Of Technology Mandi (8-9 Sep 2023)



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Debconf 2023 - India 12th Sep 2023

Till Kamppeter



Ubuntu Summit - Riga 3-5 Nov 2023

Akarshan Kapoor



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From the contributors..!!

Demo Time



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Thank You

Thank You !!

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