

Your proposal: Introducing SyncStar - Create Bootable Media At Conference Kiosks

1 message

FOSDEM 2025 <pretalx@fosdem.org>
Reply-To: distributions-devroom-manager@fosdem.org
To: akashdeep.dhar@gmail.com

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FOSDEM 2025

Your proposal: Introducing SyncStar - Create Bootable Media At Conference Kiosks

Hi!

We have received your proposal "Introducing SyncStar - Create Bootable Media At Conference Kiosks" to FOSDEM 2025. We will notify you once we have had time to consider all proposals, but until then you can see and edit your proposal at <https://pretalx.fosdem.org/fosdem-2025/me/submissions/PRNB93/>.

Please do not hesitate to contact us if you have any questions!

The FOSDEM 2025 organisers

Full proposal content:

Proposal title: Introducing SyncStar - Create Bootable Media At Conference Kiosks

Abstract: ## Introduction

SyncStar lets users create bootable USB storage devices with the operating system of their choice. To address multiple concerns along the way, SyncStar was fabricated as a headless service by design — thus no longer necessitating the user interactions to happen on the same device on which the bootable USB devices are created. Instead, a responsive web interface was developed to be conveniently accessible on browsers across devices as long as they are connected to the same network as the device running the service.

Notes: ## Introduction

SyncStar lets users create bootable USB storage devices with the operating system of their choice. This application is intended to be deployed on kiosk devices and electronic signage where conference guests and booth visitors can avail themselves of its services. As a spiritual successor to Fedorator, SyncStar allowed booth visitors of Fedora Project to consider using Fedora Linux by creating a bootable USB storage device there. This helps increase the adoption of GNU/Linux distribution as SyncStar not only supports Fedora Linux but multiple other free and open-source software GNU/Linux distributions.

Objective

SyncStar lets users create bootable USB storage devices with the operating system of their choice. To address multiple concerns related to the specific nature of hardware as well as self-service nature of interaction, SyncStar was foundationalized as a headless service by design

—thus no longer necessitating user interactions to happen on the same device on which the bootable USB devices are created. Instead, a responsive web interface was developed to be conveniently accessible on browsers across devices as long as they are connected to the same network as the device running the service.

Scenarios

1. Set up the SyncStar service on your GNU/Linux distribution promoting booth laptop or Raspberry Pi
2. Open up the SyncStar dashboard either on the booth laptop or on a smartphone on the same network
3. Lay over the swags like your GNU/Linux distribution branded USB flash drives on the booth desk
4. Let a conference attendee ask if the custom branded USB flash drives on the booth table are for taking
5. Tell them that they are as long as they use SyncStar to get themselves a copy of GNU/Linux distribution
6. Have them start the live bootable media creation in the service and strike up a conversation with them
7. Allow other attendees to use their own USB flash drives with protective discretion simultaneously
8. Advertise for sidestream GNU/Linux distribution communities by keeping their offerings in the collection

Resources

1. gridhead/syncstar - GitHub (<https://github.com/gridhead/syncstar>)
2. syncstar - PyPI (<https://pypi.org/project/syncstar/>)
3. Introducing SyncStar - Fedora Magazine (<https://fedoramagazine.org/introducing-syncstar/>)
4. sanqui/fedorator - GitHub (<https://github.com/Sanqui/fedorator>)
5. Fedorator - Fedora Wiki (<https://fedoraproject.org/wiki/Fedorator>)
6. SyncStar - LinkedIn (https://www.linkedin.com/posts/gridhead_opensource-bootable-activity-7237299787518144512-38Bs?utm_source=share&utm_medium=member_desktop)

Language: en

Software license(s): AGPL-3.0-or-later AND MIT

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I have read the FOSDEM Code of Conduct and agree to abide by it.: Yes

talk slug: introducing-syncstar