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LibreOffice
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One app = one file, no installation: this is AppImage

MySQL

LINUX MAGAZINE

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TUXEDO COMPUTERS

.riss applications

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LibreOffice
The Document Foundation

SUSE

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2020

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Agenda

- What is AppImage
- How to use an AppImage
- How LibreOffice makes AppImages
- How AppImages are beneficial to LibreOffice
- Outlook: What's next for LibreOffice AppImages
- **One more thing: World premiere today**

What is AppImage

- One app = one file
- Cross-distro
- No installation
- Can backup anywhere
- Can run from anywhere
- Can store many versions in parallel
- Can run many versions in parallel

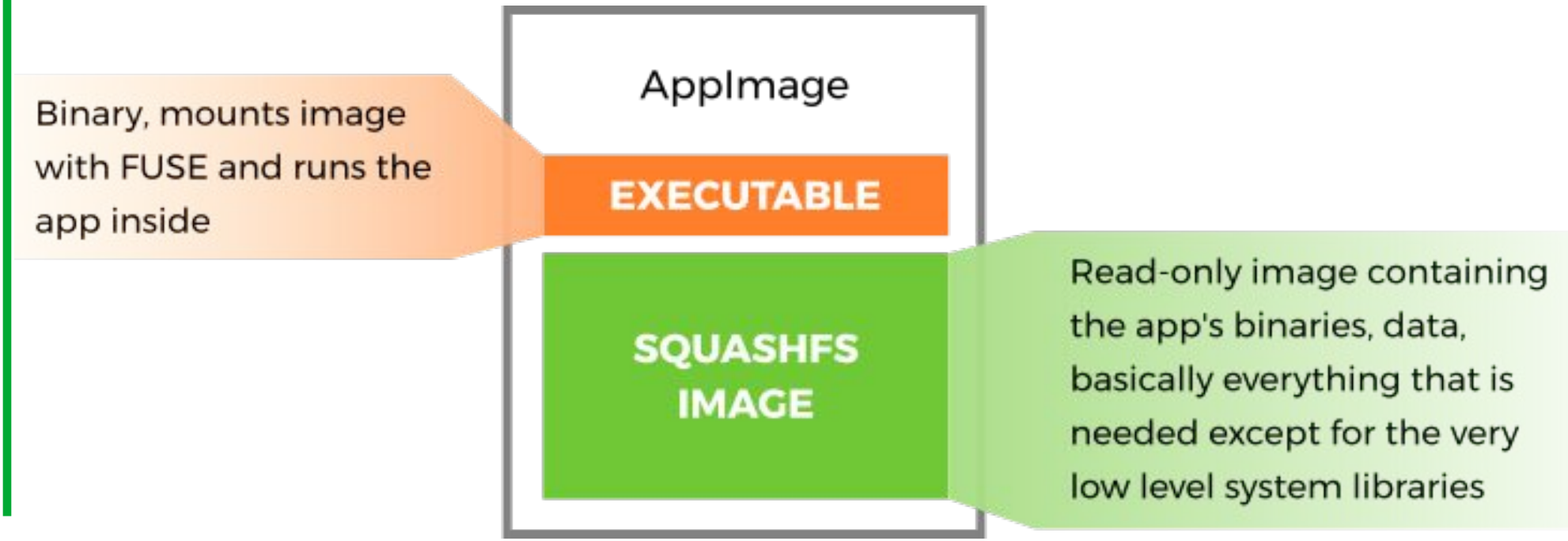
User Story

"As a user, I want to download an application from the original author, and run it on my Linux desktop system just like I would do with a Windows or Mac application."

Developer Story

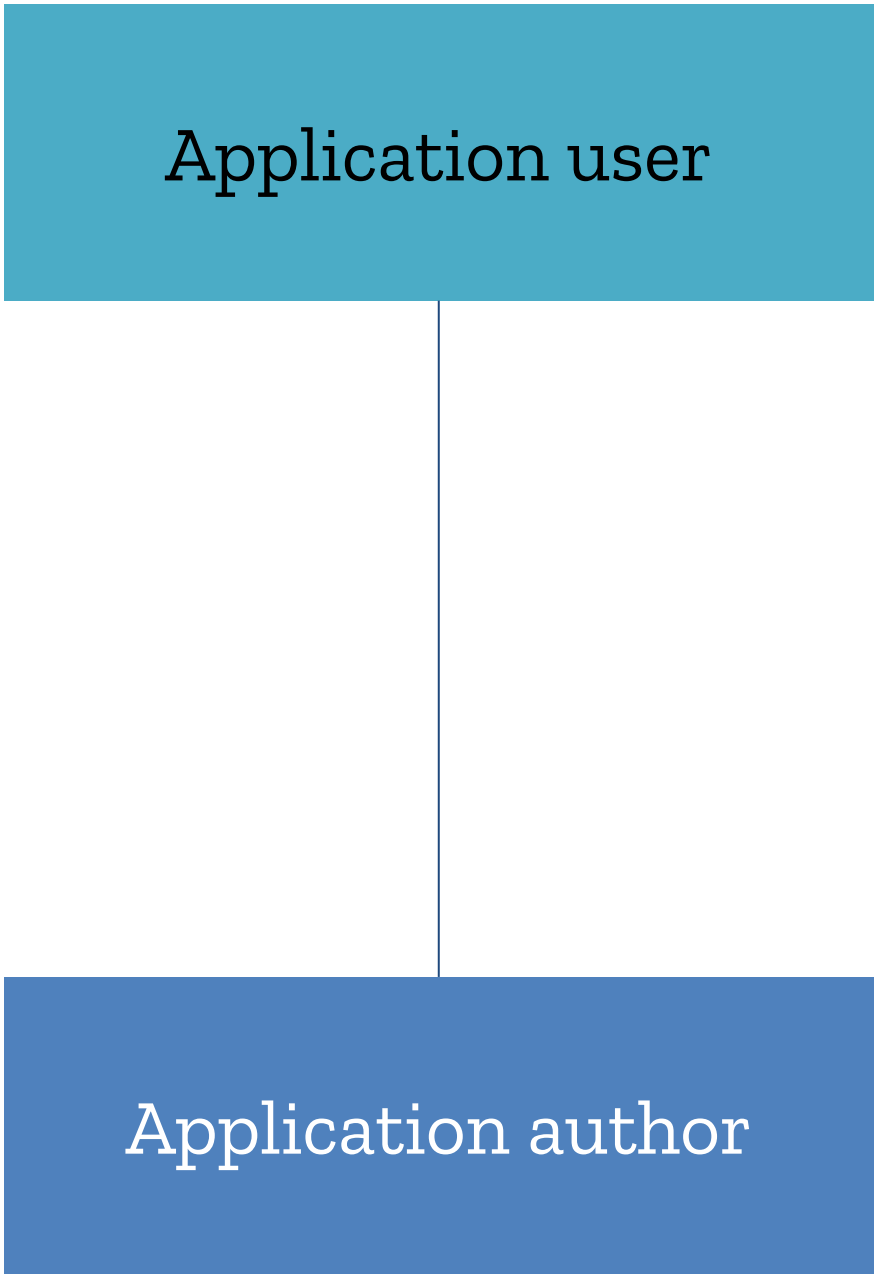
"As an application author, I want to provide packages for Linux desktop systems, without much hassle. Also for continuous builds!"

An AppImage is a self-mounting filesystem image



Upstream packaging

No gatekeepers, between authors and users.



How to use an AppImage

- Download
- Make executable
- Run
- **Live Demo**
- Optional appimaged daemon and other desktop integrations

How to build a LO AppImage

- Fully automated workflow
- Large build matrix
- New and old versions
- **Live Demo**

How AppImages are beneficial to LibreOffice

- # of downloads so far?
- Testing new features
- QC
- Distro-hoppers
- Archive particular version of LibreOffice alongside important documents

LibreOffice as AppImage

AppImage is a portable application format for Linux that allows users to run applications on rolling (e.g. Arch, openSUSE Tumbleweed) and stable (e.g. Ubuntu LTS, CentOS) Linux distributions very easily, without the need for installation or worry of dependencies. AppImages bundle all the files needed for an application to run (e.g. libraries, translations, icons, fonts) that may not already be present on a user's system.

LibreOffice AppImage is a portable version of LibreOffice for Linux that can be run from any location (e.g. local drive, USB, CD, network share) on all popular Linux distributions, including their live CDs. LibreOffice AppImage is available in three versions - Basic, Standard, and Full - which support a different set of languages.

The **Basic** version includes support for the default language, English (US).

Download Fresh | Download Still

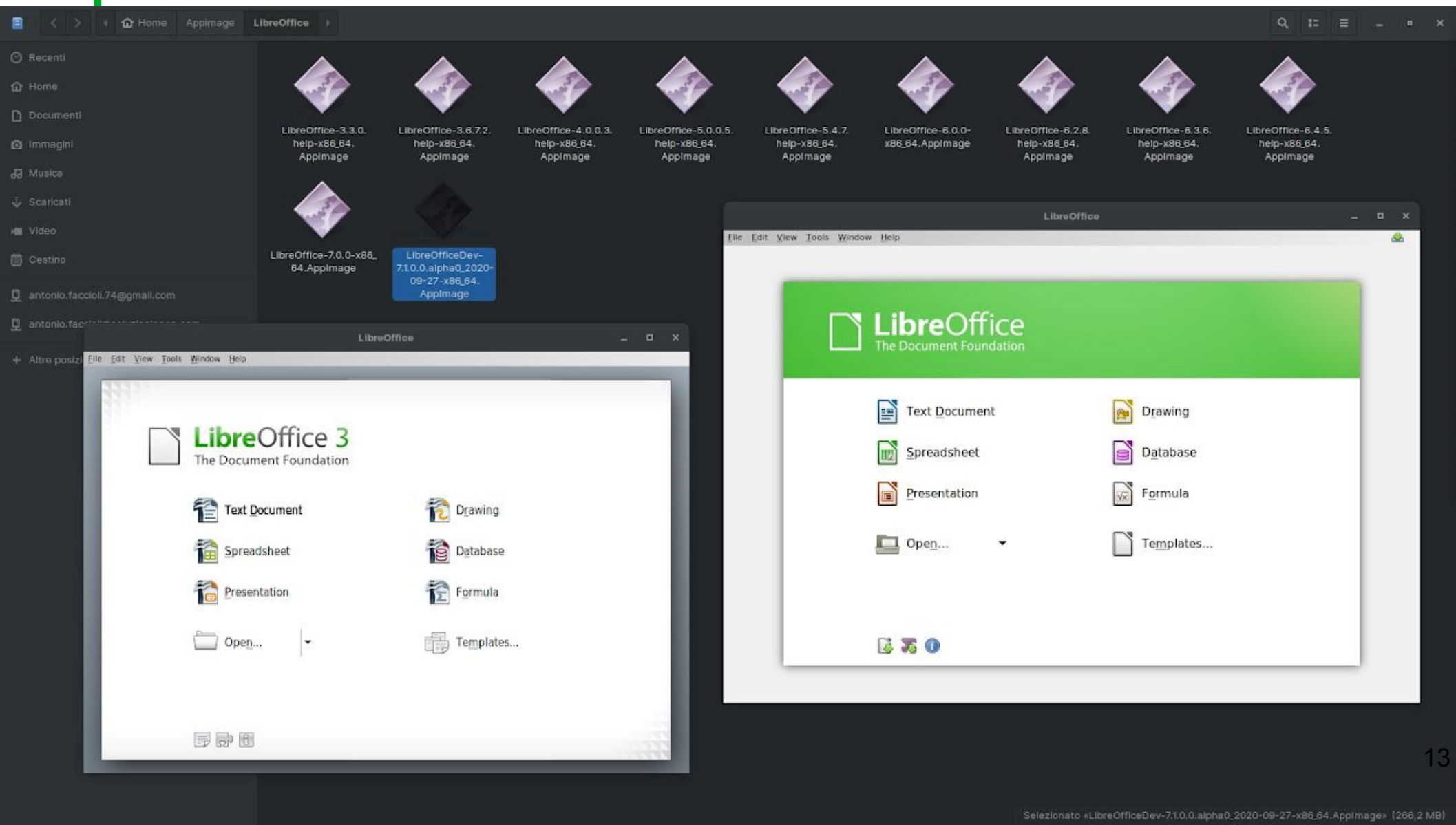
The **Standard** version includes support for English (US and GB), Arabic, Chinese (Simplified and Traditional), French, German, Italian, Japanese, Korean, Portuguese (Brazilian and Portugal), Russian, and Spanish.

Download Fresh | Download Still

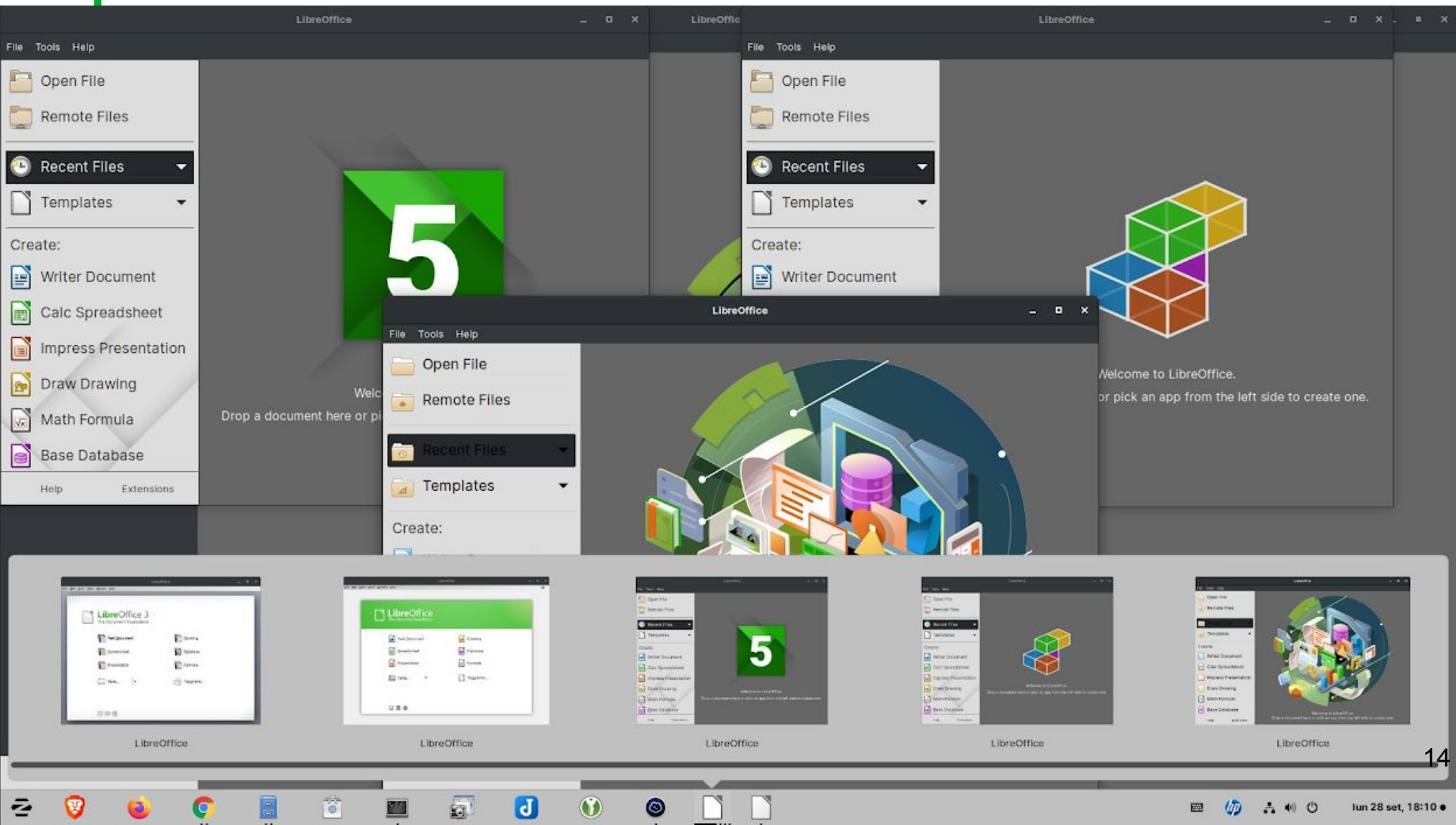
The **Full** version includes all languages supported by LibreOffice.

Download Fresh | Download Still

Past, present and future just a click away



Past, present and future just a click away



Outlook

What's next for LibreOffice AppImages

- Delta updates?
- Built-in updater?

One more thing

World premiere today

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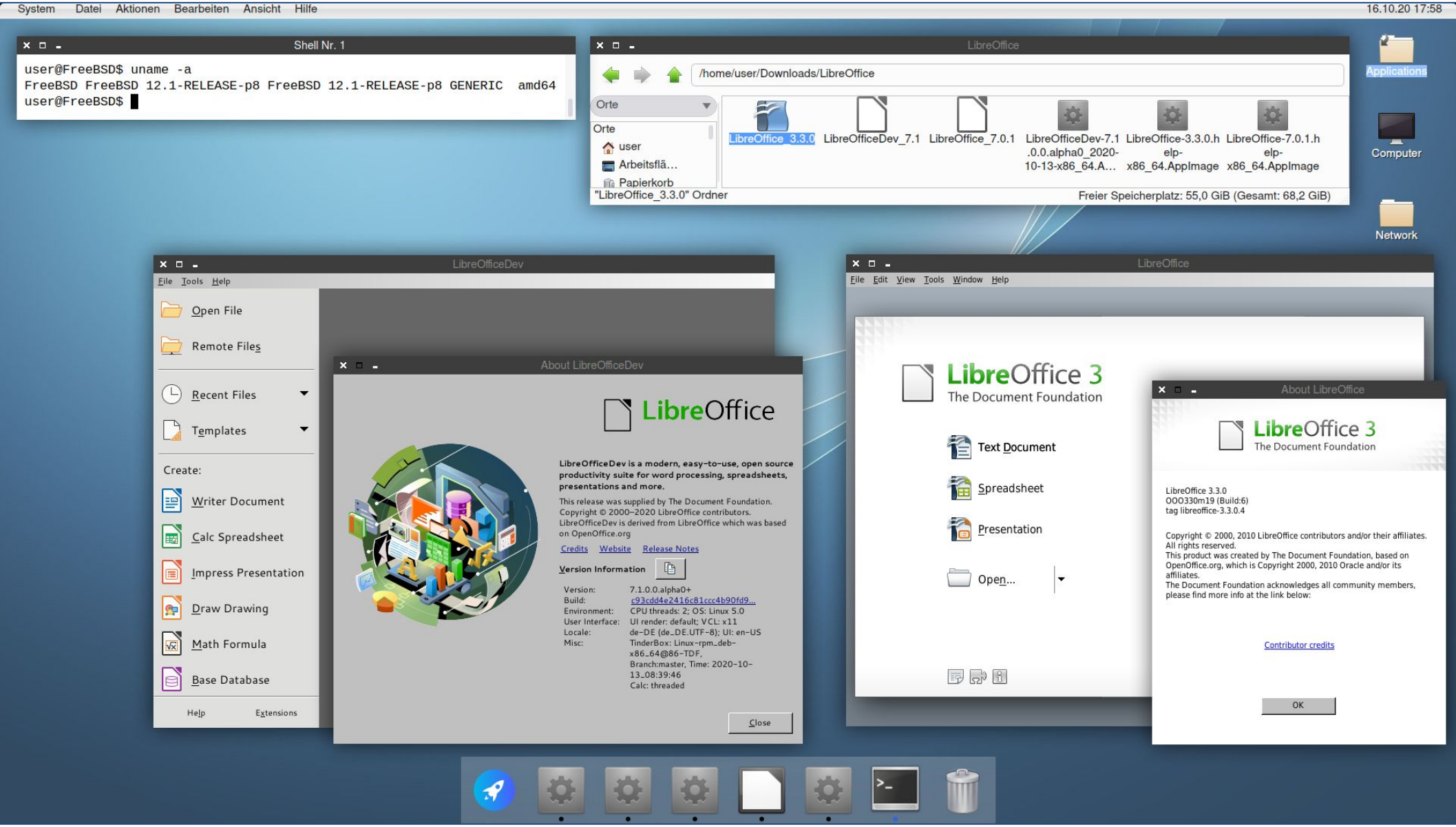

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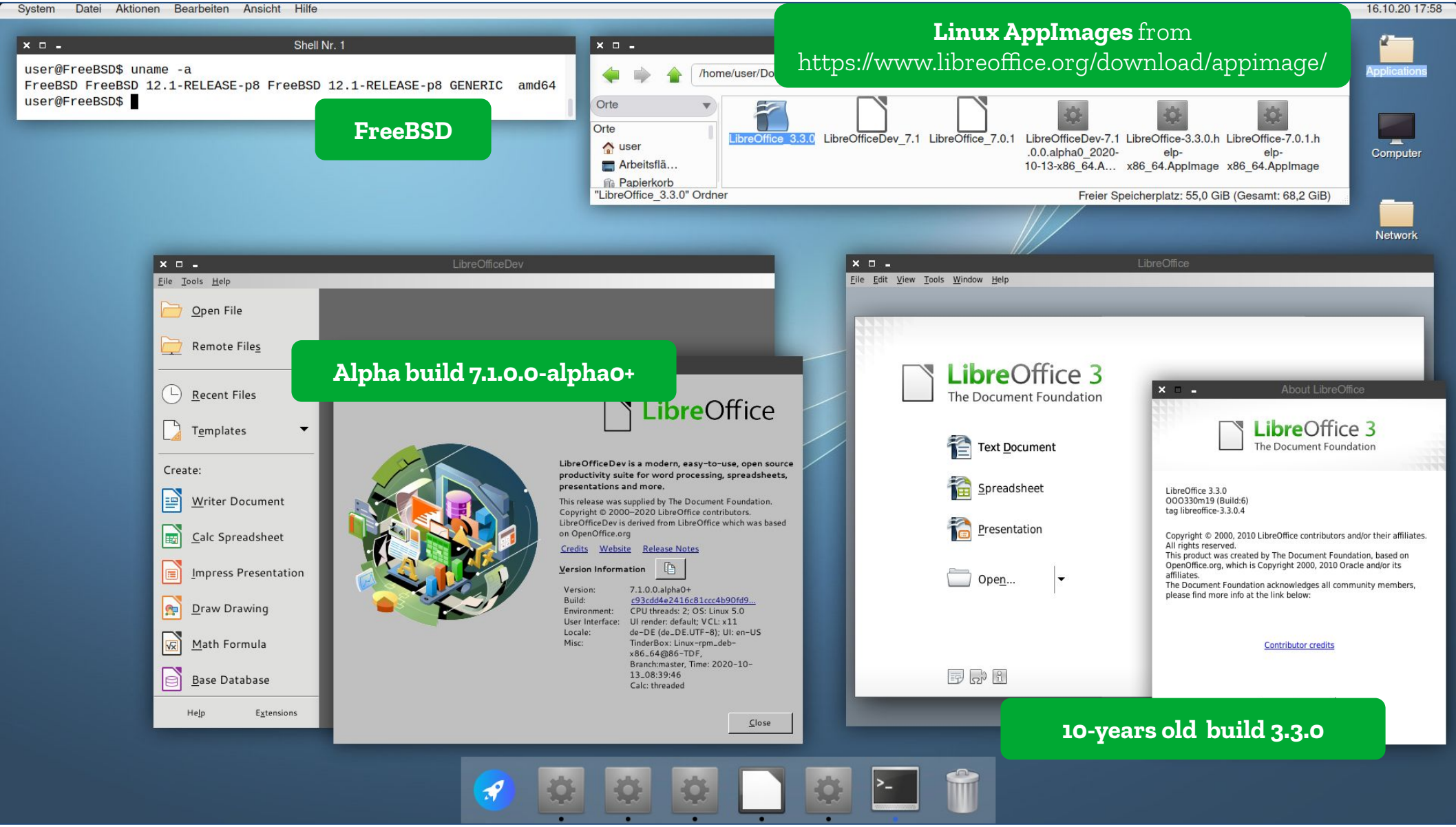

#AppImage on
irc.freenode.net

Thank You

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Abstract

One app = one file, no installation: this is AppImage.
LibreOffice has been shipped in the AppImage format for years now. In this talk, AppImage founder Simon Peter will give a brief introduction into how AppImage works, how to use it, and what its benefits are.
LibreOffice contributor Antonio Faccioli will then demonstrate how the LibreOffice project builds AppImages for various past, present and future versions, and will discuss how AppImages can be beneficial to LibreOffice.
Together, we will brainstorm about what the future may bring. And we are interested to hear from you would you would like to see come next.