

# Common Printing Dialog Project Proposal

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04/09/2009

## Agenda

- Requirement Review for Common Print Dialog Project
- Common Print Dialog vs. Open Usability Print Dialog
- Two phase Proposal for Common Print Dialog Project
- Challenges Ahead
- Comments?

# RICOH



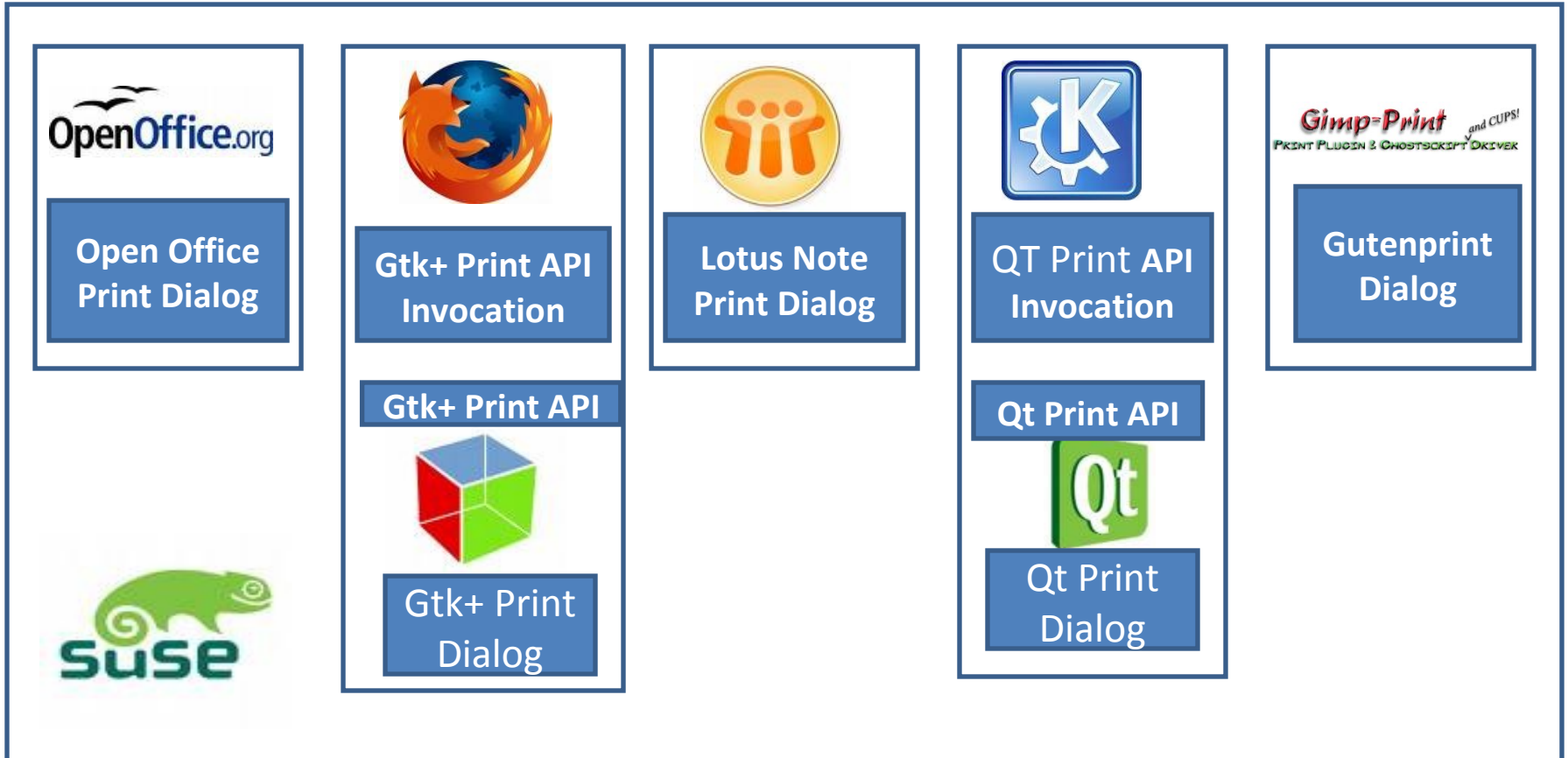
**OSDL Printing Summit 2006**

**THE LINUX  
FOUNDATION**

## Problems of Linux Print Dialogs

Applications have their own print dialogs

For many applications, Print Dialog is an integrated part of the application.



## Common statements from OSDL printing summit 06

John Cherry

### Consistent User Experience

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We want to define printing dialogs that are consistent in layout and print options offered to the user across all applications and desktop environments.

### Print Dialog Extensibility

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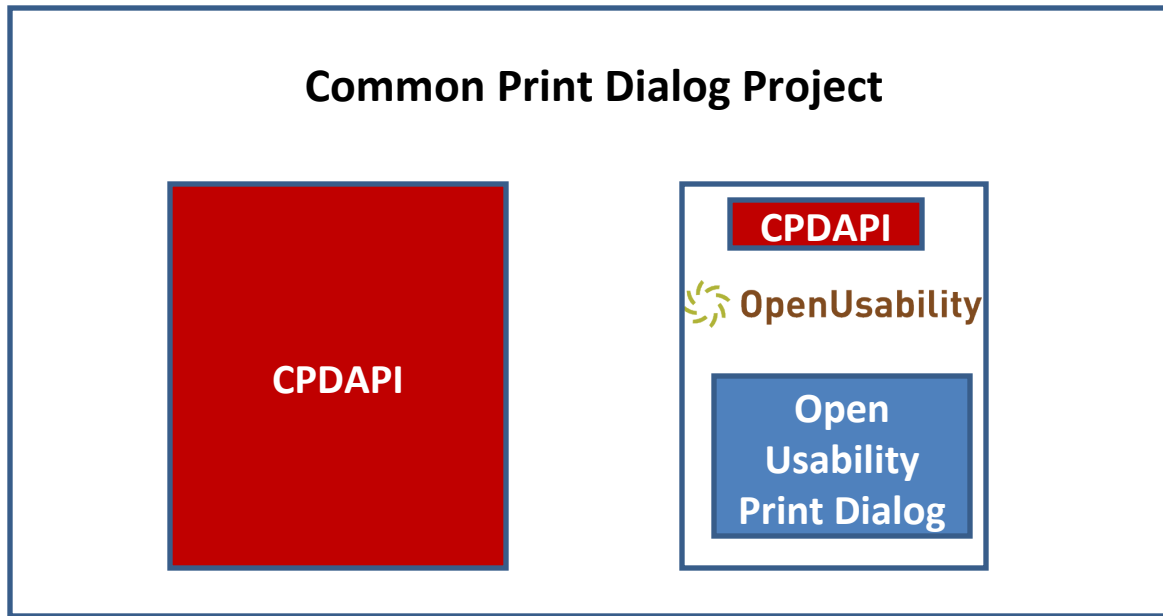
We want to design a platform neutral standard & API that allows operating system, application and printer vendors to extend the common printing dialog with their own extensions.

We want to intensively explore the idea of a "printing dialog provided as a desktop service" for use by applications and GUI toolkits to construct print dialogs or to query for printer configuration information.

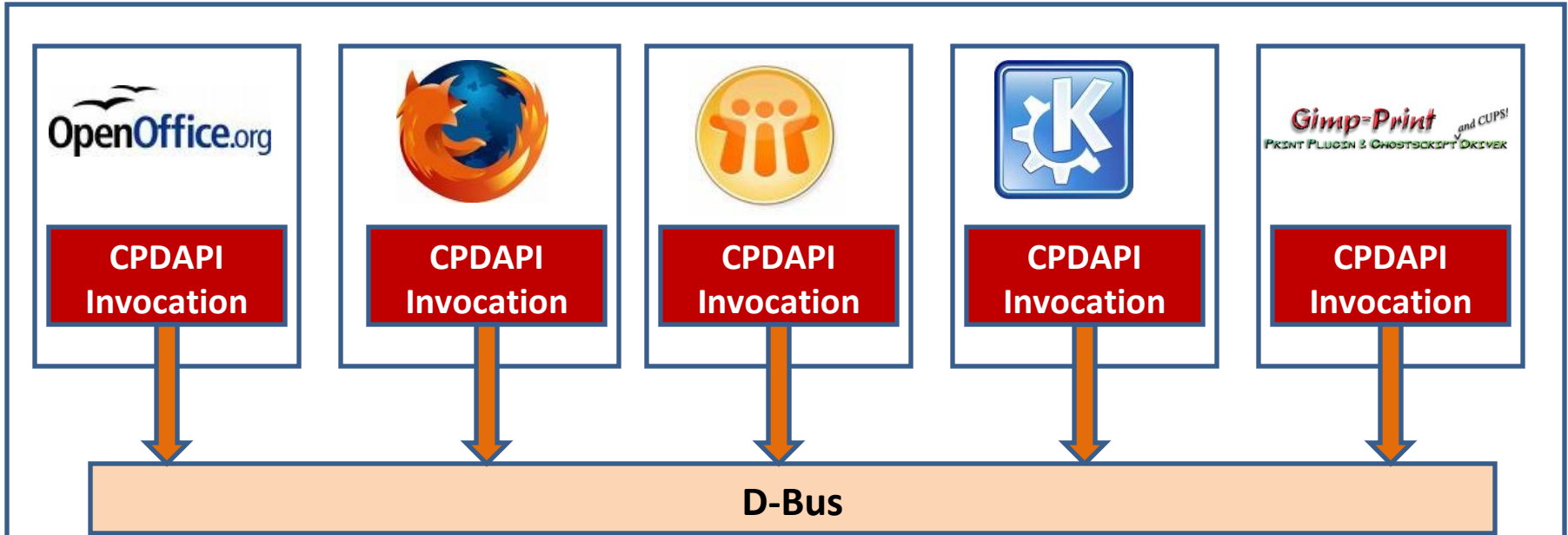
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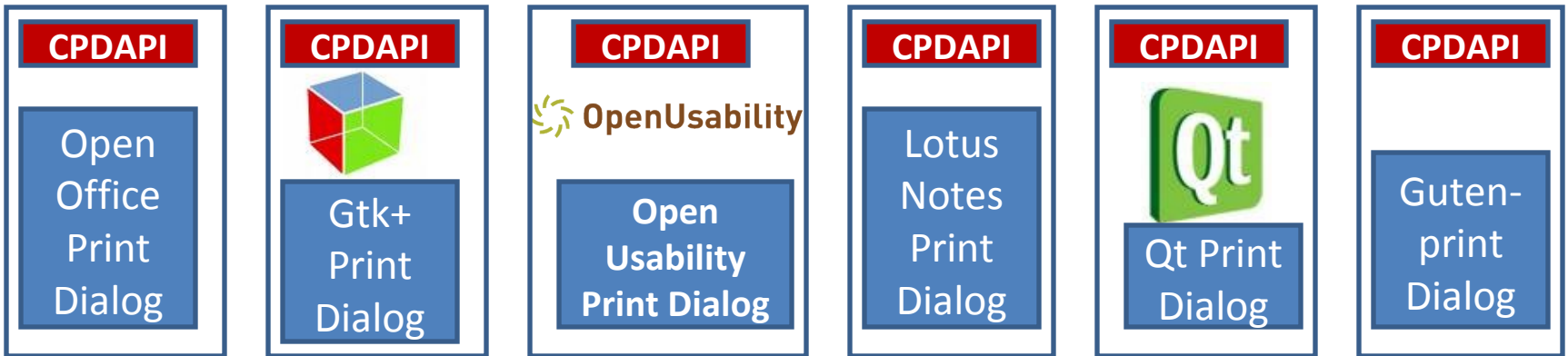
## Common Print Dialog Project – Design Proposal

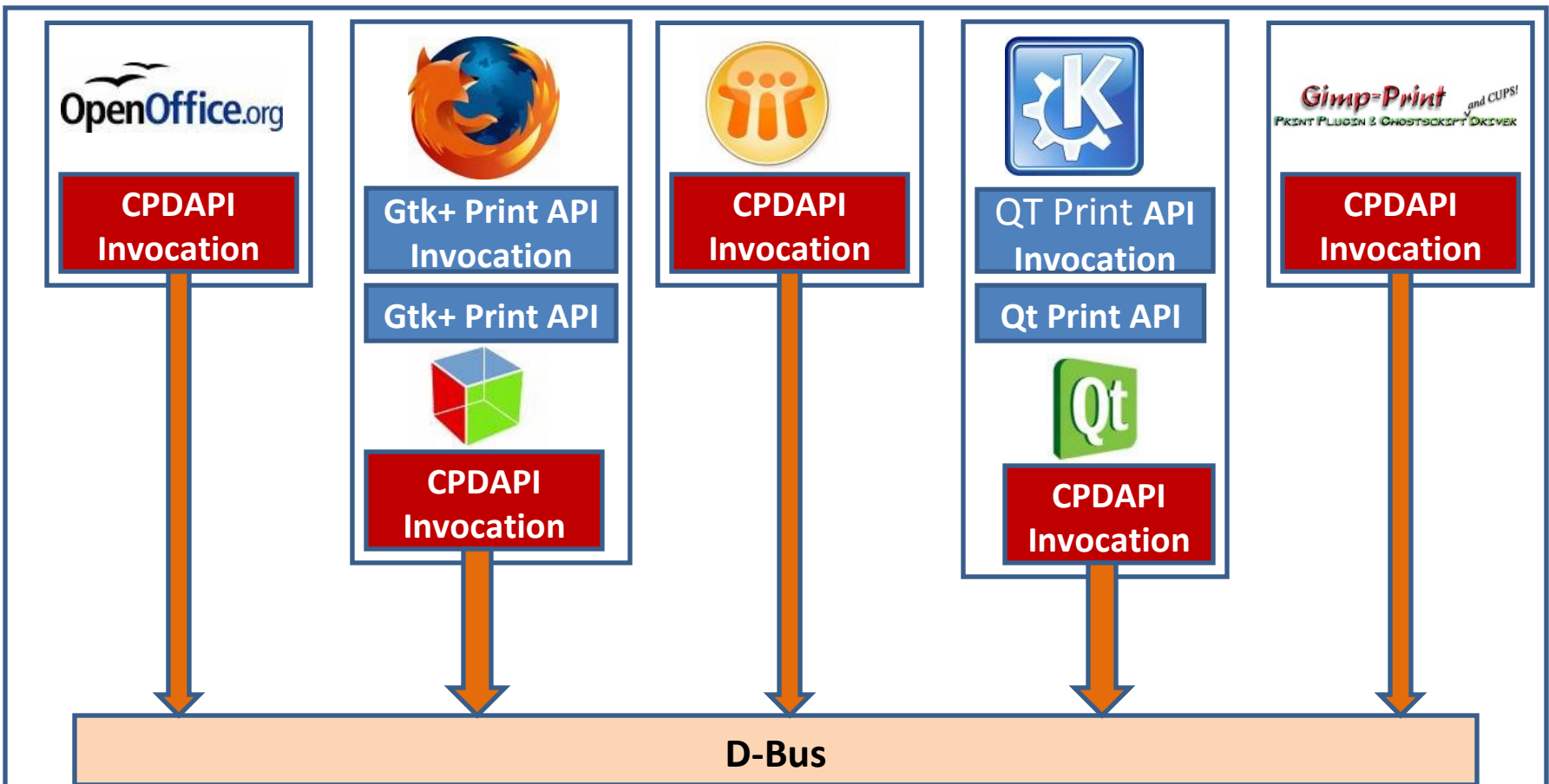


## Common Print Dialog – Basic Idea

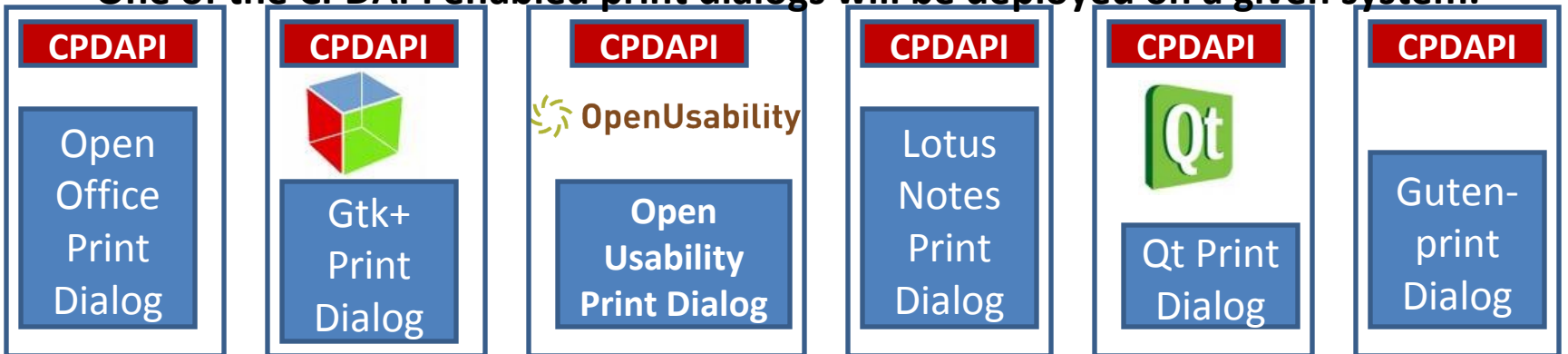


One of the CPDAPI enabled print dialogs will be deployed on a given system.





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## Two phase Proposal

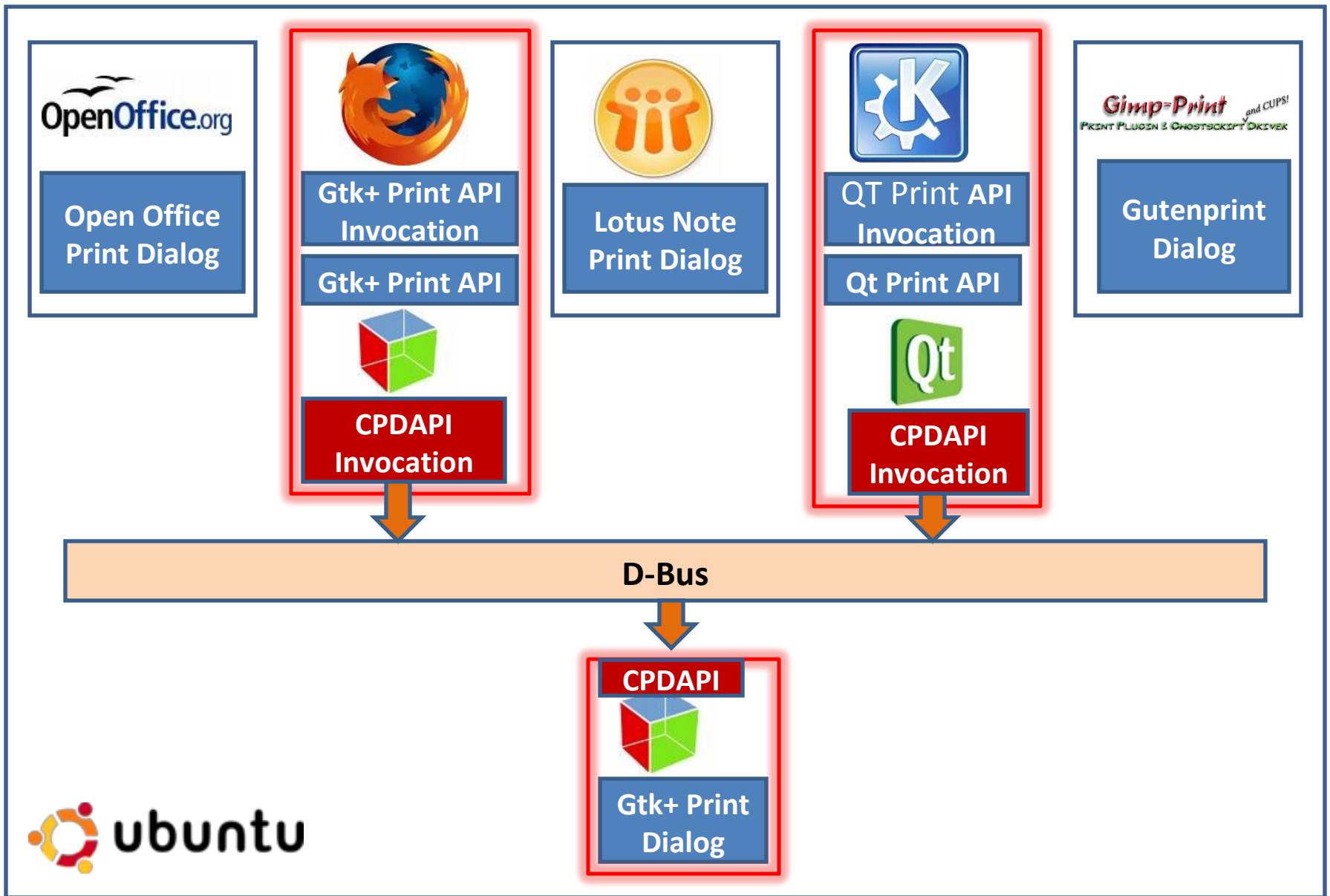
### Phase 1:

Make Common Print Dialog a reality. Make it into Linux distributions **THIS SUMMER**.

- CPDAPI 1.0 specification
- Make stand alone CPDAPI enabled Gtk+ print dialog module
- Patch Gtk+ Tool kit to make CPDAPI invocation.
- Patch Qt Tool kit to make CPDAPI invocation.
- Put it into a Linux distribution

### Phase 2:

- Config utility for user to pick CPDAPI enabled Print dialog.
- Open Usability Print Dialog



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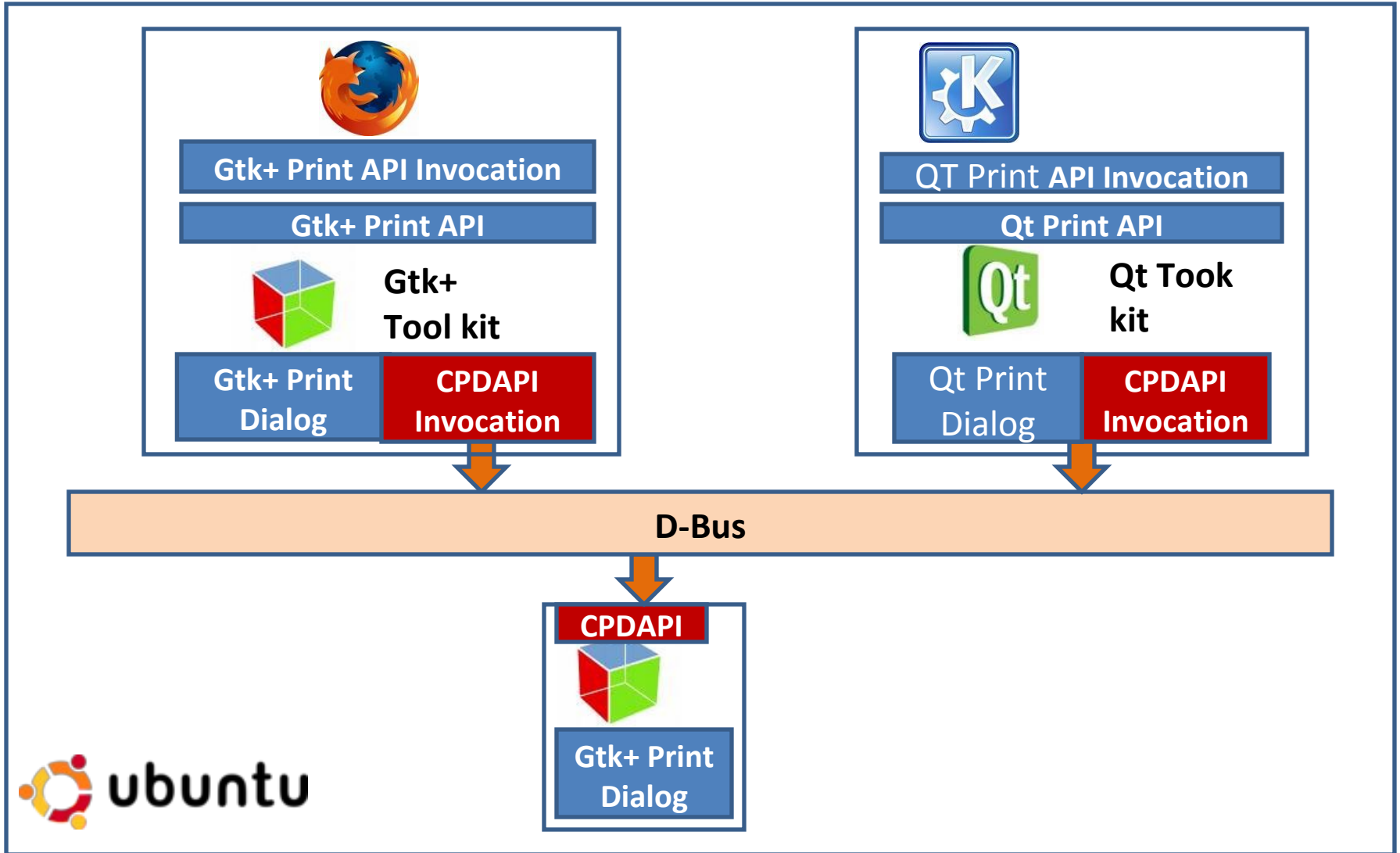
**Is CPD API specification provides enough flexibility so it can be used to replace existing printing API? (Guten Print, Open Office, Lotus Notes, Scribus, etc)**

**Do we provide and document a clear mechanism if D-Bus is not installed/available, what application should do?**

**When a new CPD is installed, how to register it with D-Bus?  
When the CPD is removed, will D-Bus pick another CPD as default dialog?**

**Have application vendor's concerns be addressed? (Default print setting for Document/User session, etc)**

**Do we need a print preview API, where does it fit in?**



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