



Common Unix
Printing System

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InstallFest 2003



Common Unix Printing System

- Cross-platform tiskový systém
- Ačkoliv vypadá komerčně, je pod **GPL**
- Snaží se udělat tisk co **nejjednodušší**, proto je volen do distribucí jako např. Mandrake
- Ovládání grafické i z příkazové řádky (lp)



Instalace a použití

- Možnost instalace obecně i z balíčků
 - Balíky cupsys-*, cupsomatic-ppd, gs s ovladačem
- Velmi jednoduchá instalace i obsluha
- Grafické ovládání formou [webové stránky](#)
- Podpora [sítového](#) tisku (http, ipp, lpd, socket)
- Podpora v KDE, Gnome, distribucích, ...

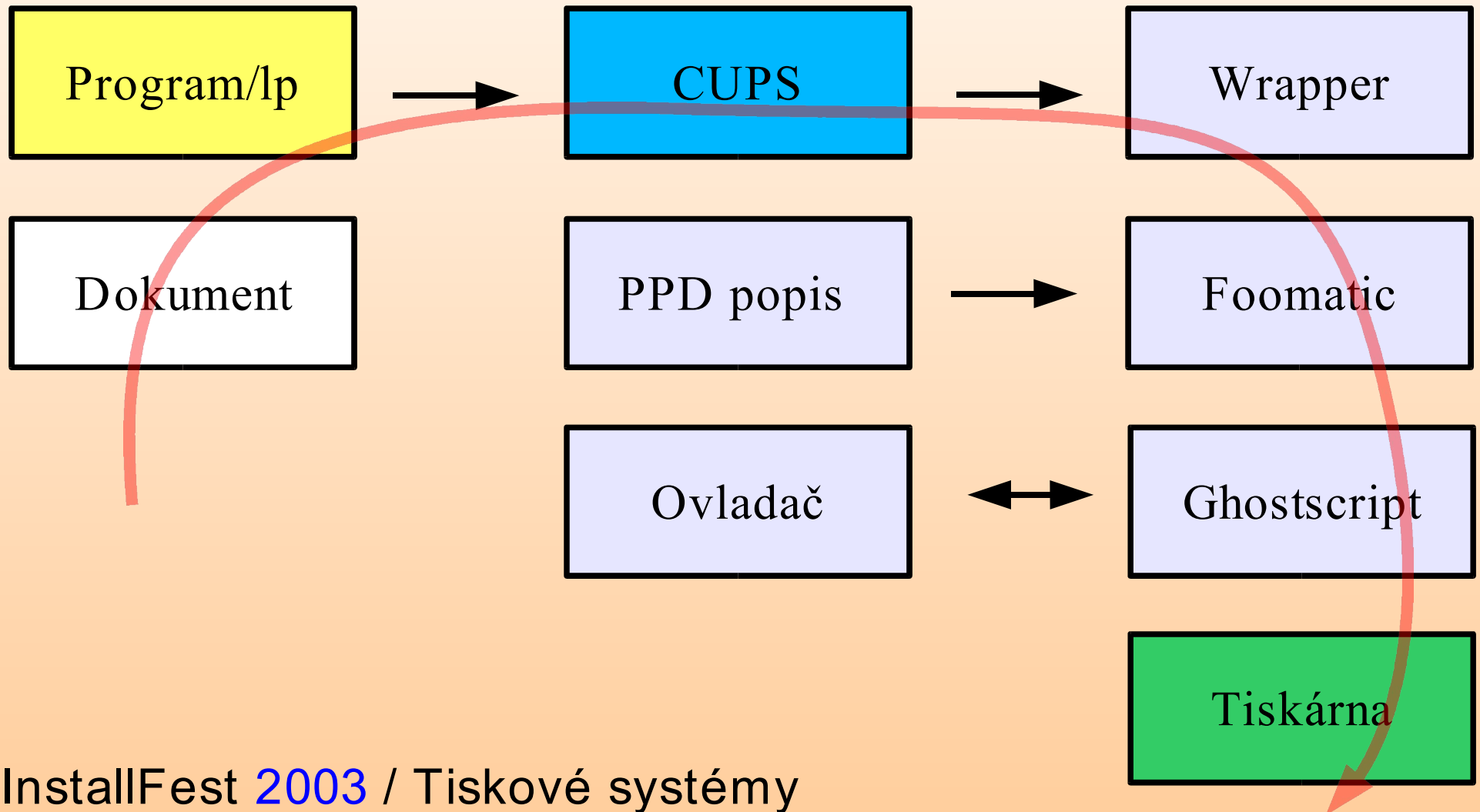


Další charakteristika

- Podpora zabezpečené komunikace (**SSL**)
- Podpora **sdílení zátěže** (třídy)
- Úpravy jako **scaling** a **color management**
- Podpora skriptování: **PHP, Perl, Java**
- Advertisement v lokální síti
- Transparentní s lpd



Jak to funguje..



Přidání nové tiskárny - jméno

ESP

Administration Classes Help Jobs Printers Software

Admin

Add New Printer

Name:	<input type="text" value="myprinter"/>
Location:	<input type="text"/>
Description:	<input type="text" value="HP 610d"/>
<input type="button" value="Continue"/>	

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Přidání nové tiskárny - **připojení**

ESP

Administration

Classes

Help

Jobs

Printers

Software

Admin

Device for myprinter

Device:

- AppSocket/HP JetDirect
- Internet Printing Protocol (http)
- Internet Printing Protocol (ipp)
- LPD/LPR Host or Printer
- Parallel Port #1
- SCSI Printer
- Serial Port #1
- Serial Port #2
- USB Printer #1
- USB Printer #2
- USB Printer #3
- USB Printer #4
- USB Printer #5
- USB Printer #6
- USB Printer #7
- USB Printer #8
- USB Printer #9
- USB Printer #10
- USB Printer #11
- USB Printer #12

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Přidání nové tiskárny - model

ESP

Administration

Classes

Help

Jobs

Printers

Software

Admin

Model/Driver for myprinter

Make:

Raw
DYMO
EPSON
HEWLETT-PACKARD
HP
OKIDATA

Continue

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Přidání nové tiskárny - ovladač

ESP

Administration

Classes

Help

Jobs

Printers

Software

Admin

Model/Driver for myprinter

Model:

HP DeskJet 610C Foomatic/hpijs (recommended) (en)

Continue

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Přidání nové tiskárny - **hotovo**

ESP

Administration

Classes

Help

Jobs

Printers

Software

myprinter

Default Destination: none

[myprinter](#)

HP DeskJet 610C Foomatic/hpijs (recommended)



Description: HP 610c

Location:

Printer State: idle, accepting jobs.

Device URI: parallel:/dev/lp0

Print Test Page

Stop Printer

Reject Jobs

Modify Printer

Configure Printer

Delete Printer

Add Printer

No Active Jobs

Show Completed Jobs

Nastavení nové tiskárny

ESP

Administration

Classes

Help

Jobs

Printers

Software

Admin

Choose default options for myprinter.

General

Page Size: A4

Printout Mode: High Quality Grayscale

Continue

Printout Mode

Resolution, Quality, Ink Type, Media Type: Controlled by 'Printout Mode'

Banners

Starting Banner:

Ending Banner:

Controlled by 'Printout Mode'
300 dpi, Color, Black + Color Cartr.
300 dpi, Draft, Color, Black + Color Cartr.
300 dpi, Draft, Grayscale, Black + Color Cartr.
300 dpi, Grayscale, Black + Color Cartr.
300 dpi, Photo, Photo + Color Cartr., Premium Paper
600x300 dpi, Best, Grayscale, Black + Color Cartr.

Continue

Management úloh

Jobs

ID	Name	User	Size	State	Control
tlacka-1	motd	root	1k	aborted	Restart Job
tlacka-2	AcroEnDV9i	silk	122k	aborted	Restart Job
tlacka-3	AcrotoJMhw	silk	122k	aborted	Restart Job
tlacka-4	AcroWPKPkT	silk	122k	aborted	Restart Job
tlacka-5	(stdin)	silk	1k	aborted	Restart Job
tlacka-6	AcroO4Iyjk	silk	122k	aborted	Restart Job
tlacka-7	AcroajfR8Y	silk	122k	aborted	Restart Job
tlacka-8	AcroE9etSd	silk	122k	completed at Sat Oct 18 20:08:27 2003	Restart Job
tlacka-9	AcrosKdmXK	silk	122k	completed at Sat Oct 18 20:09:46 2003	Restart Job
tlacka-10	Acroia3sPb	silk	122k	completed at Sat Oct 18 20:10:23 2003	Restart Job
tlacka-11	AcroUuj7yX	silk	122k	completed at Sat Oct 18 20:11:20 2003	Restart Job

Tisk v síti

- Nasdílení tiskárny nejlépe formou:
 - <ipp://hostname:port/printers/name>
 - <http://hostname:port/printers/name>
- Pro windows nejlépe:
 - <http://hostname:631/printers/raw>
- Nakonfigurovat práva tisku
- Povolit raw tisk



Děkuji