

Printer Working Group



UPDF

July 9, 1999



Agenda

- Current Status
- What tasks to focus on next
- Locale specification in DTD
- UPDF to PPD mapping
- XUL and UIML



Current Status

- Where we are compared to charter schedule
 - Q2 to Q4 1999 – Proposal stage
 - About one quarter behind
 - Q4 1999 - Begin prototypes



Current Status

- List of priorities from Miami meeting
 - User interface
 - Localization and resource
 - Constraints and installable options
 - Vendor extensions and widgets



Current Status

- Imaging
 - Paper handling and PDL order
 - Fonts and graphics
 - Callback mechanism and color



Current Status

- Locale is scoped out – should be looked at by the group
 - Sets the stage for User interface definition and Localization
- What we should concentrate on next
 - The list contains related items – it's difficult to not work on some of the items together



Current Status

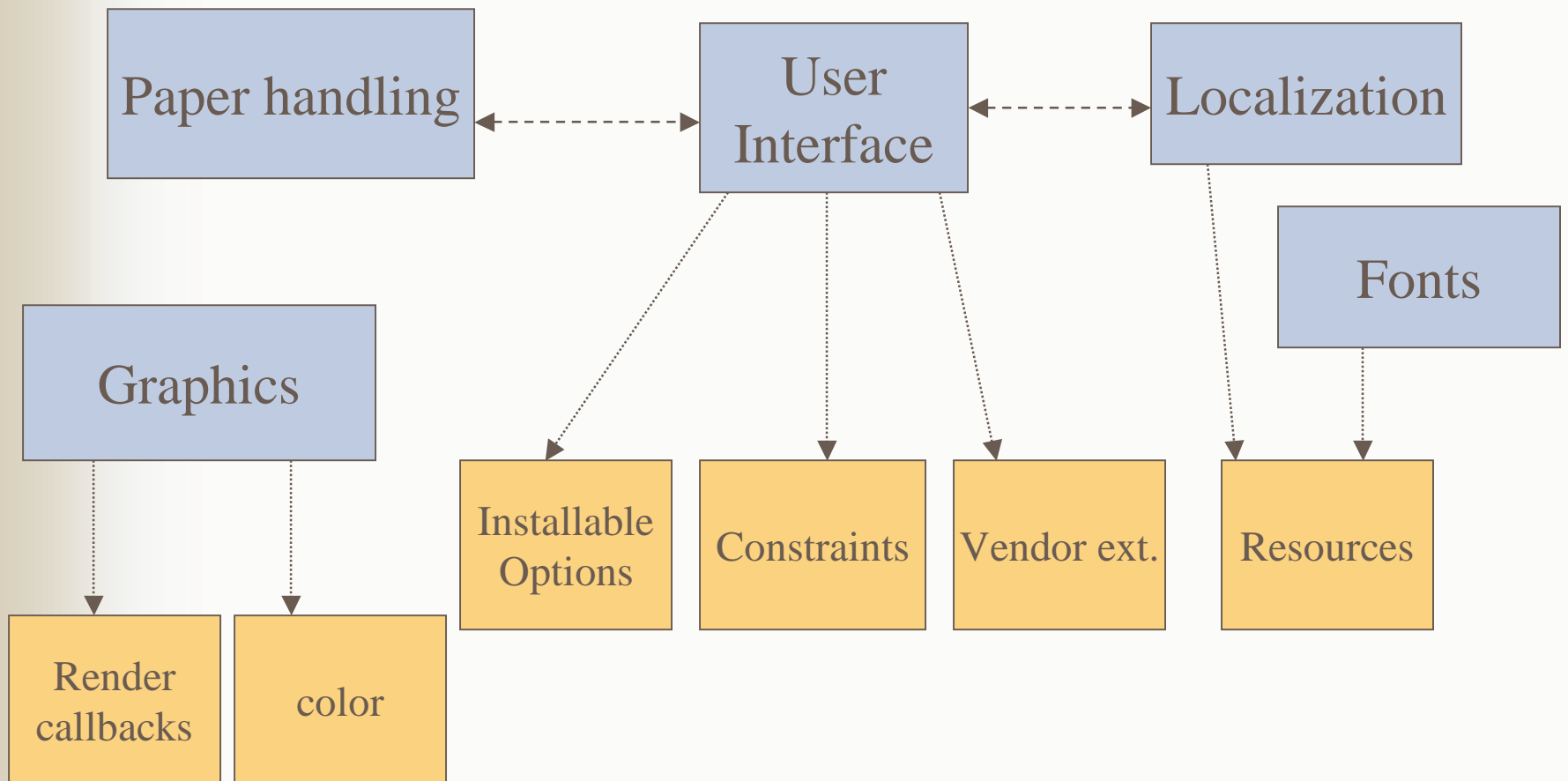
- For example: Media
 - UPDF has a Media tag. However it really is in the UI and has to have corresponding command to select the media type. Also the displayed list is usually localized.
- Paper handling, UI, and Localization are logically grouped together.
- Constraints and Installable Options are tied to the UI and should be next.



Current Status

- Resources are related to Localization
- PDL order is related to Paper handling

Next Steps





UPDF to PPD Mapping

- Current document is the start of a mapping document from the Color LaserJet 4500.
- All required PPD keywords are listed.
- Most but not all PPD keywords are represented with a UPDF XML tag or an attribute.



UPDF to PPD Mapping

- We can add matching XML tags if we feel that the keywords are generic enough. Or we can add a CustomTag that will allow for the PPD keywords and additional vendor specific keywords.



UPDF to PPD Mapping

<DeviceCap.Header>

Add a CustomTag section at the end.

```
<!ELEMENT CustomDeviceCapTags (CustomTag*)>
```

```
<!ELEMENT CustomTag EMPTY>
```

```
<!ATTLIST CustomTag  
  TagLabel CDATA #IMPLIED  
  TagValue CDATA #IMPLIED>
```

This could be used for any vendor extensions – that are global to the device.



UPDF to PPD Mapping

```
<CustomDeviceCapTags>  
  <CustomTag  
    TagLabel="TTRasterizer"  
    TagValue="Type42"/>  
</CustomDeviceCapTags>
```