

# Offline FormGuides

How it works (with LC 8.2.x)

Trevor Ward

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# Description of the Runtime

- The Generic PDFBootStrap\_Raw.pdf has a simple SWF Application embedded in it that scans the PDF Attachment List (via helper functions in the PDF) for a SWF Attachment.
- Then it does a SWFLoader() call on the bytes retrieved from the Attachment.
- The Application then queries the PDF for the XFA Data and calls Guide's setData() function.
- The loaded SWF is then displayed and interacted with.

# Description of Data Handling

- The Data is retrieved from and stored into the PDF via `xfa.datasets.saveXML()` and `xfa.datasets.loadXML()`.
- As such the PDF can pass through any existing LC Process as any Standard XFA Based PDF would. Both for data update and extraction.

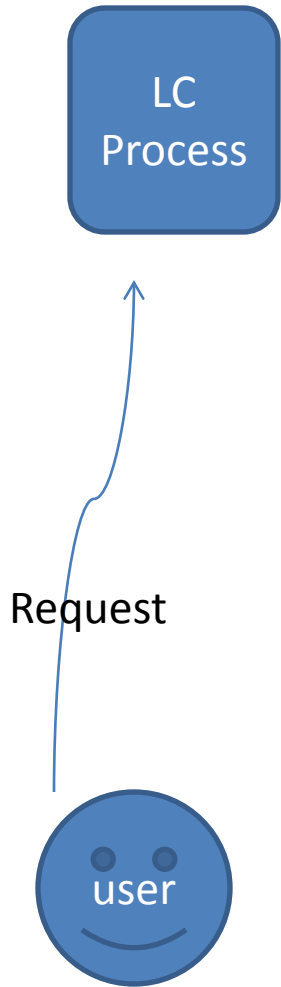
# Creating an Offline Guide PDF

- Take the PDFBootStrap\_Raw.pdf and add any Guide SWF attachment via LC Assembler (can also be done via Acrobat)
- Optionally add an PDF attachment to serve as the Print or View Document.
- The Guide and the PDF just need to share a common Data Schema.
- If Print via scripting is desired then also Certify the PDF.

# Default User Interface Options

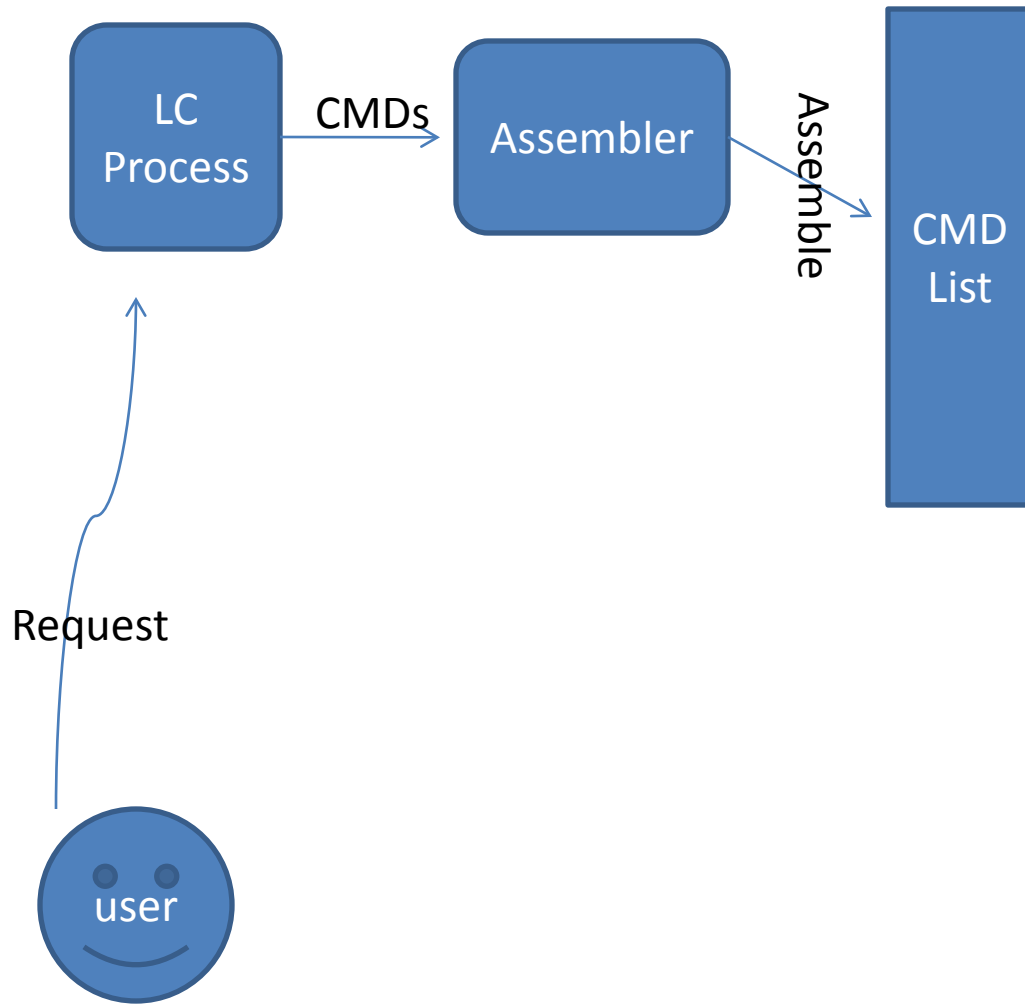
- The SWF Application also provides a simple generic Guide Host user interface to allow the user to View and Update the Document or Submit the PDF Application (or xml data).  
(calls helper PDF script to actually do these)
- If special attachment is found with the name “OfflineUI.swf” then it is loaded and replaces the default “host”, prior to loading the Guide SWF. (this is optional capability)

# Process of Delivering Guide in PDF



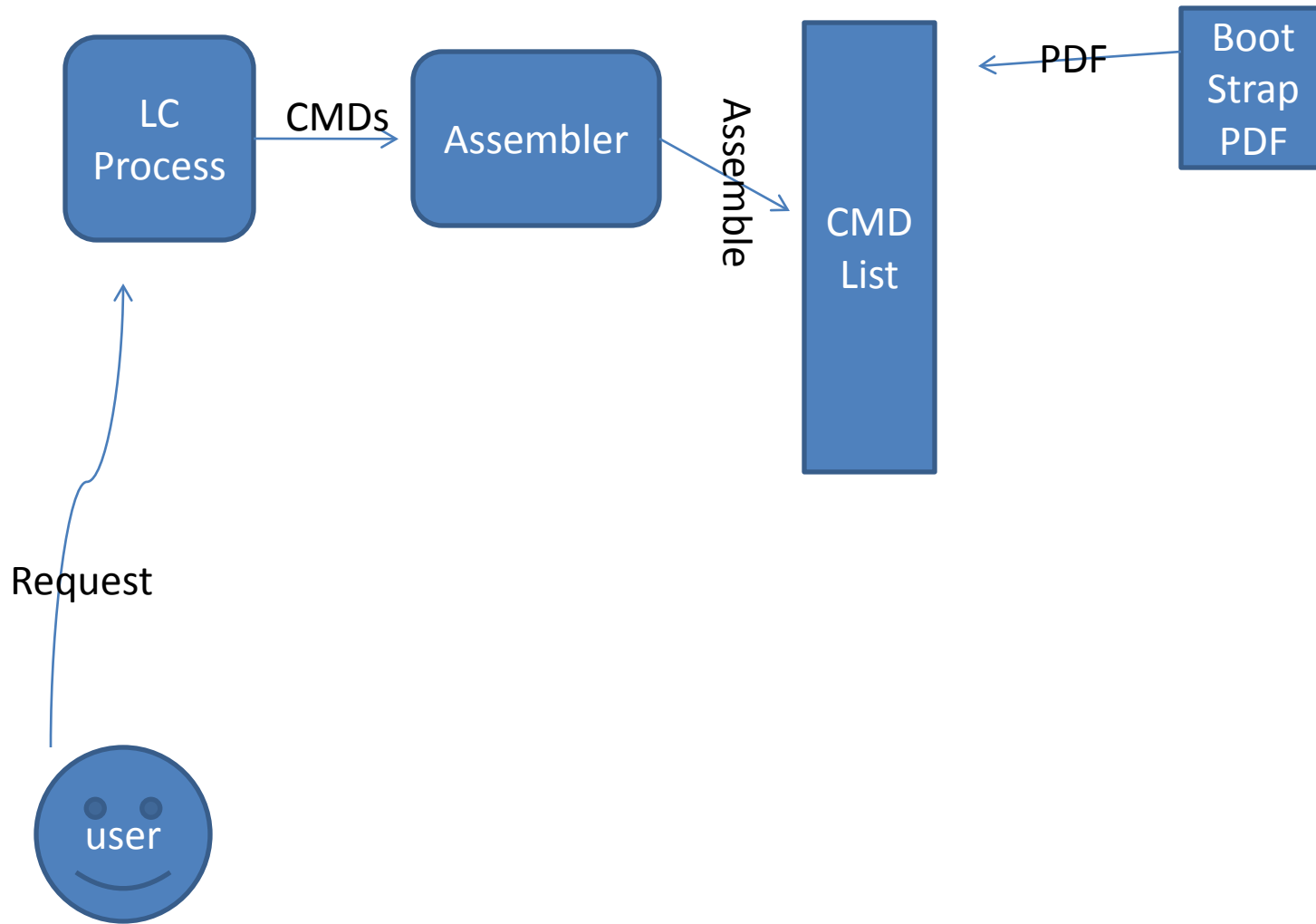
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# Process of Delivering Guide in PDF



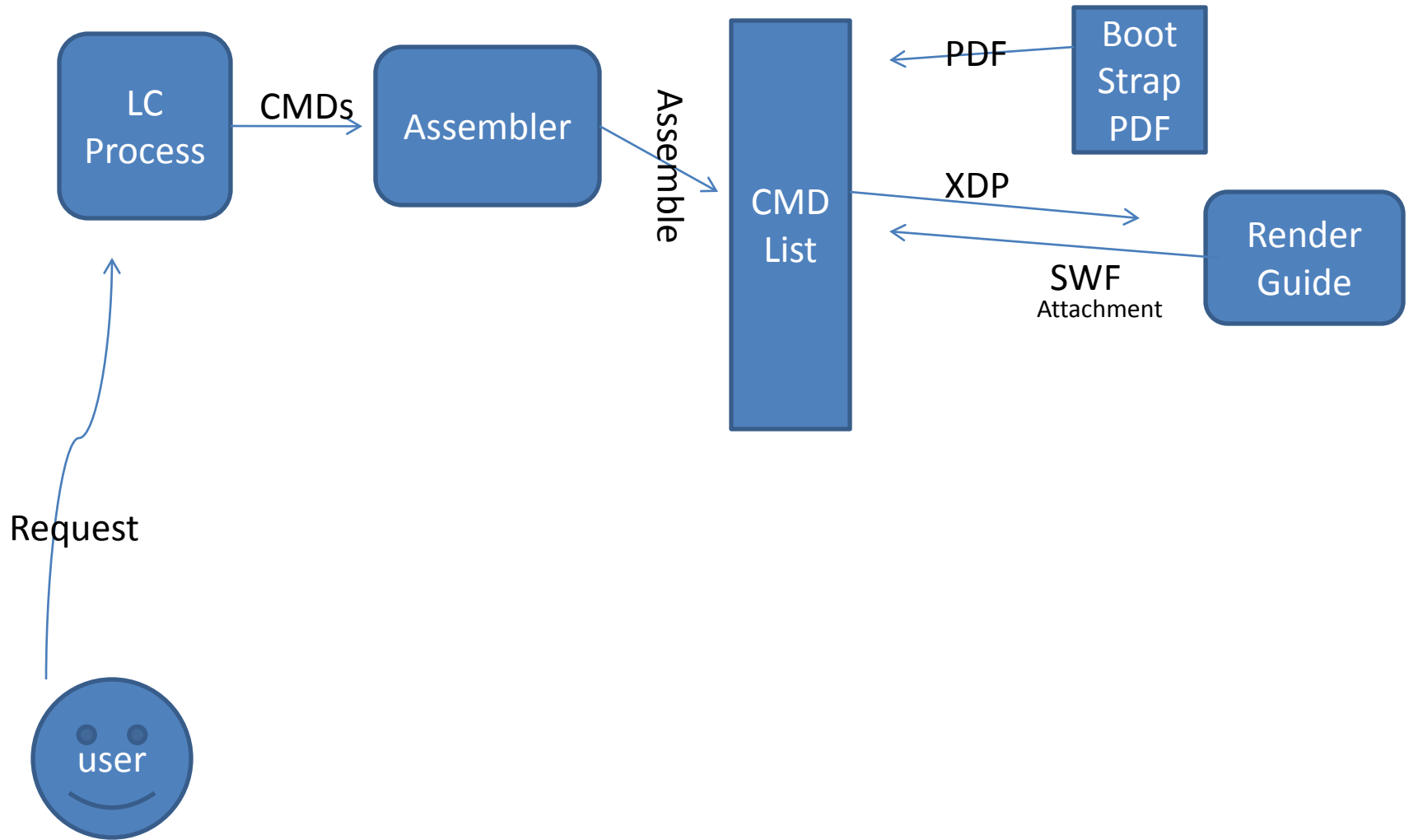
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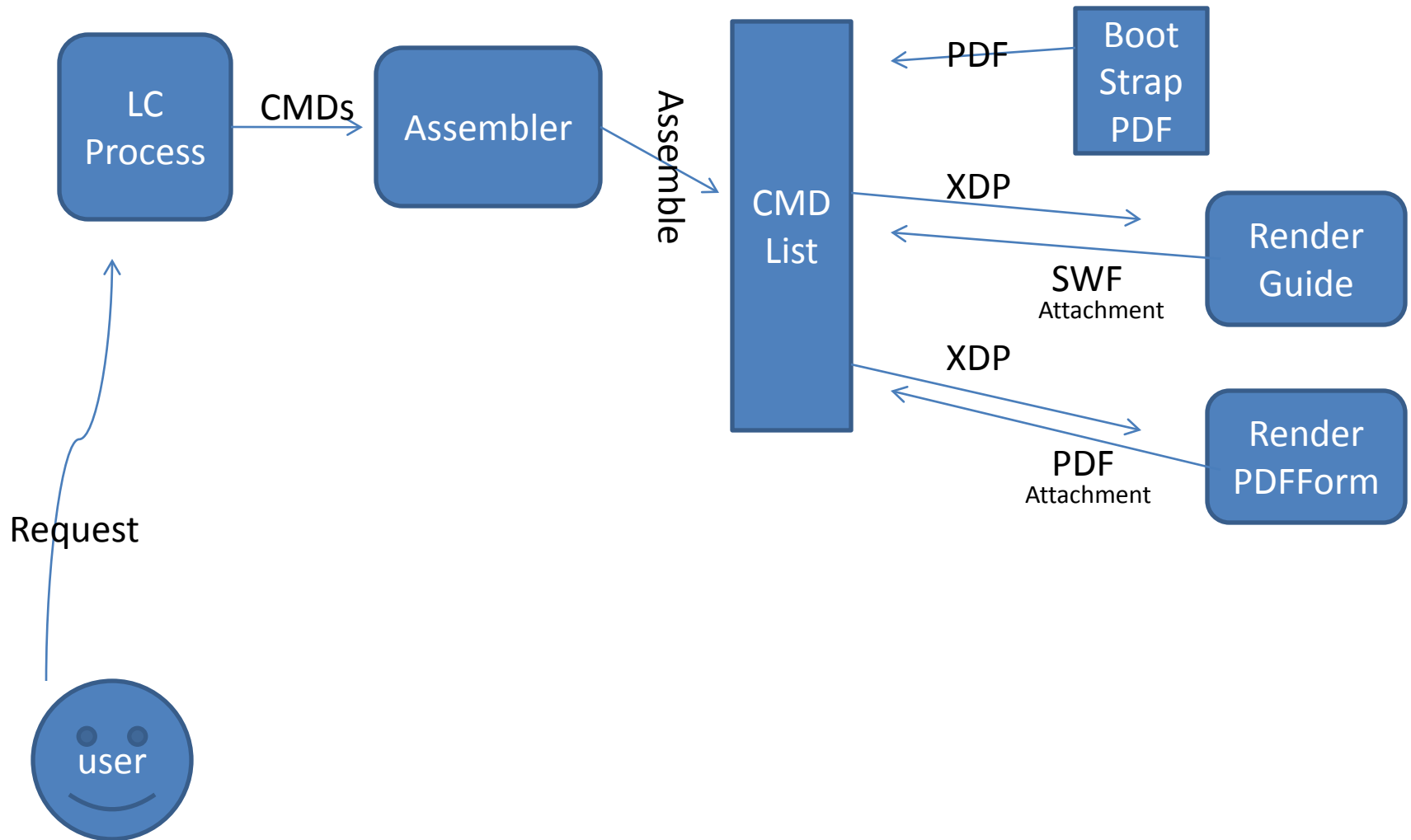
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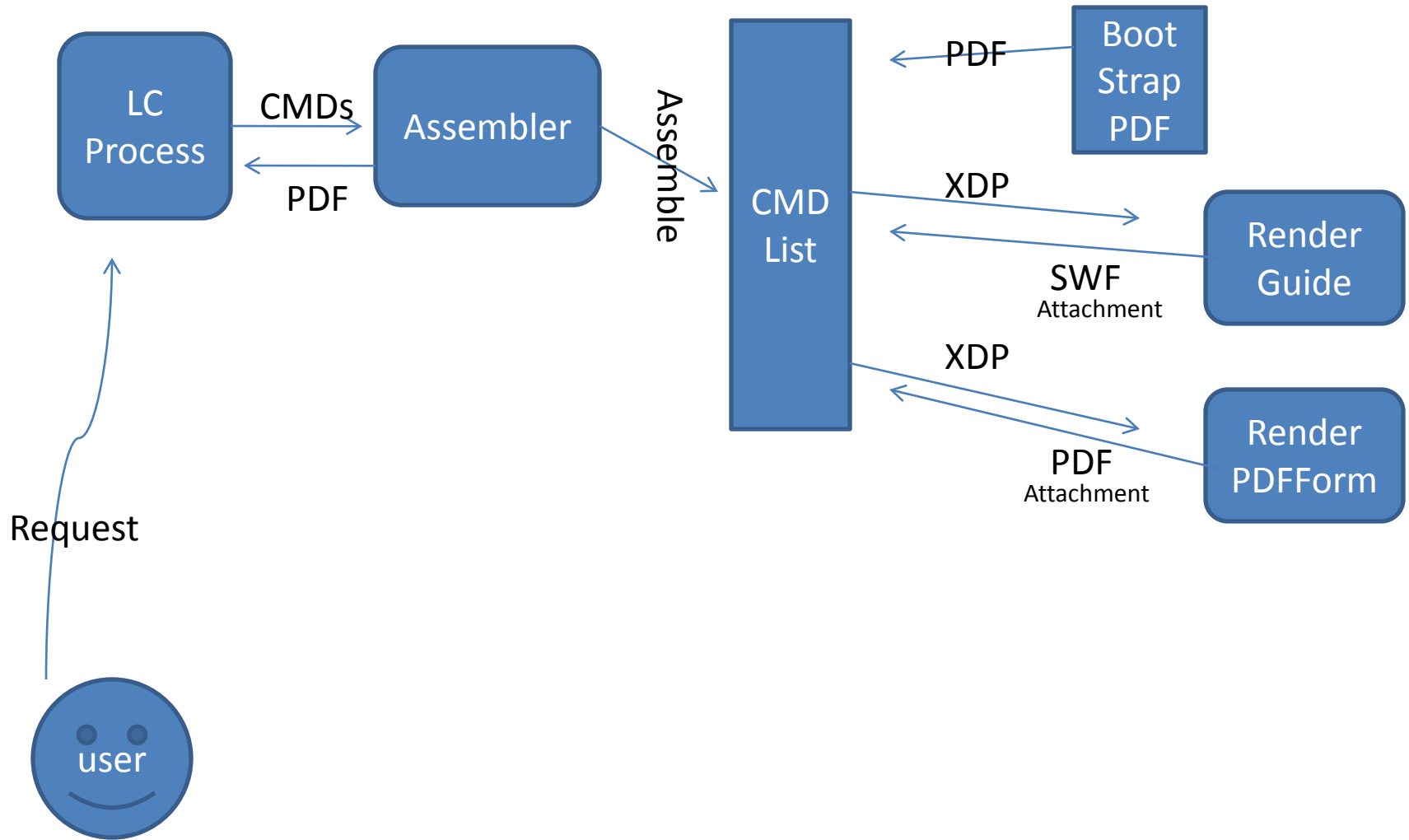
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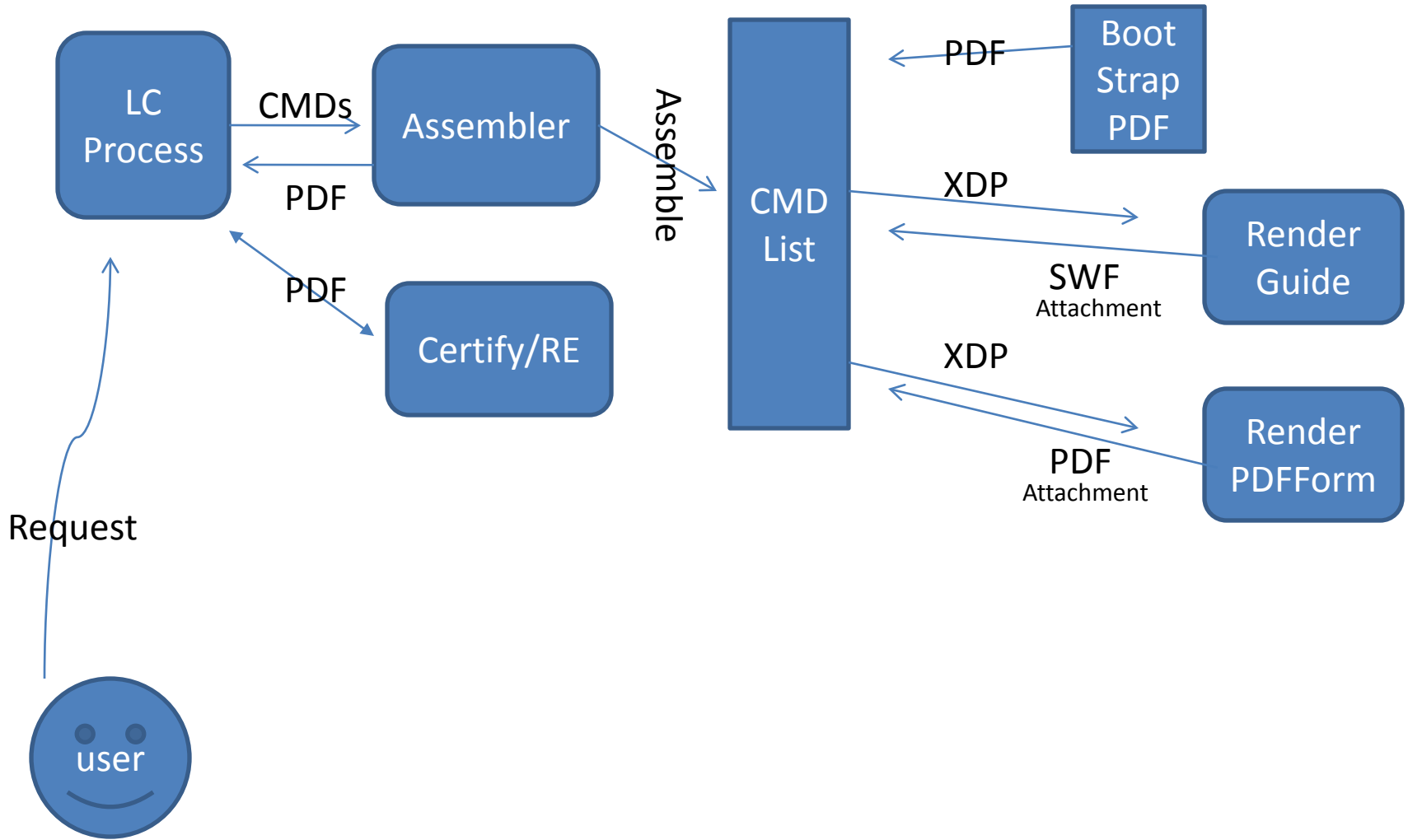
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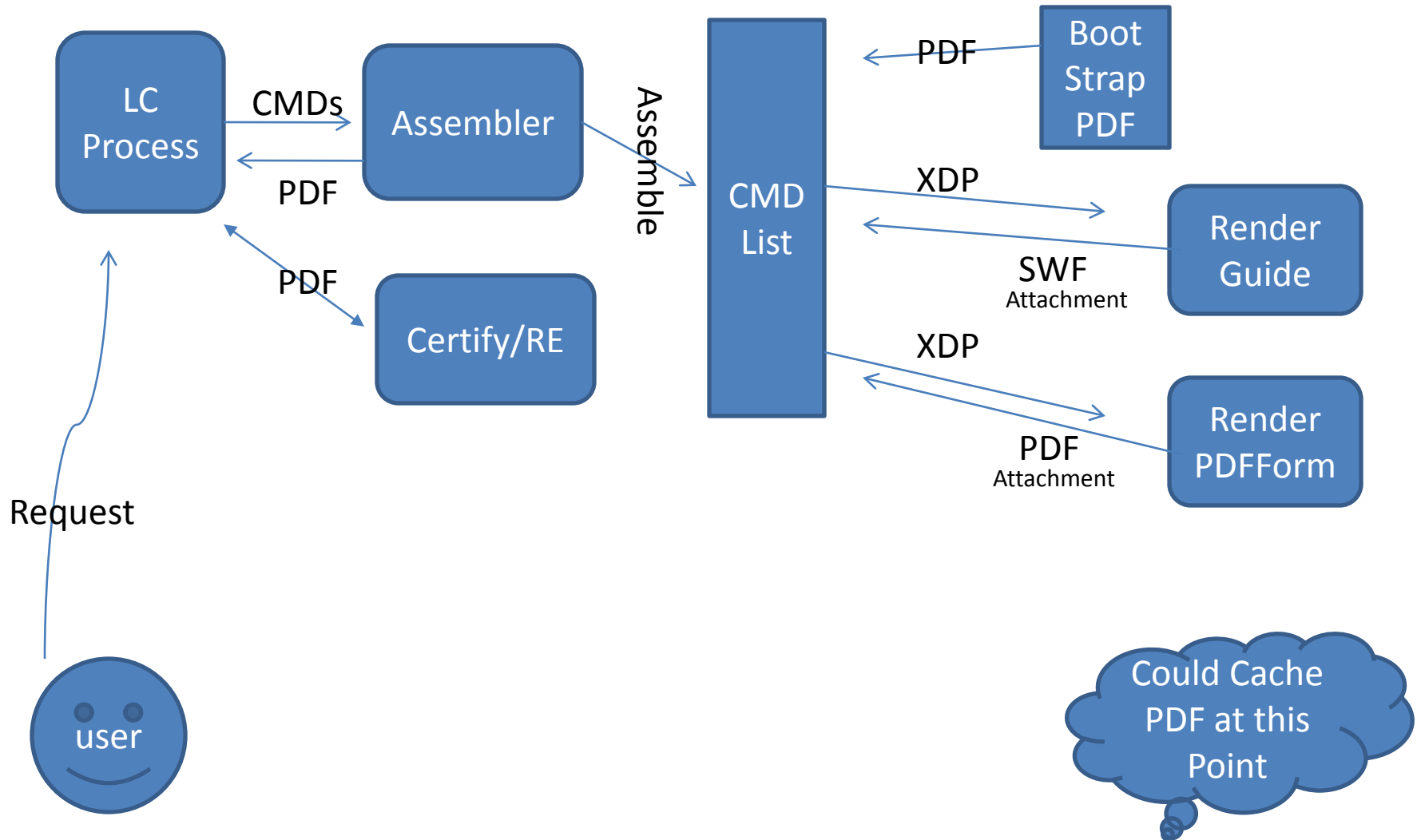
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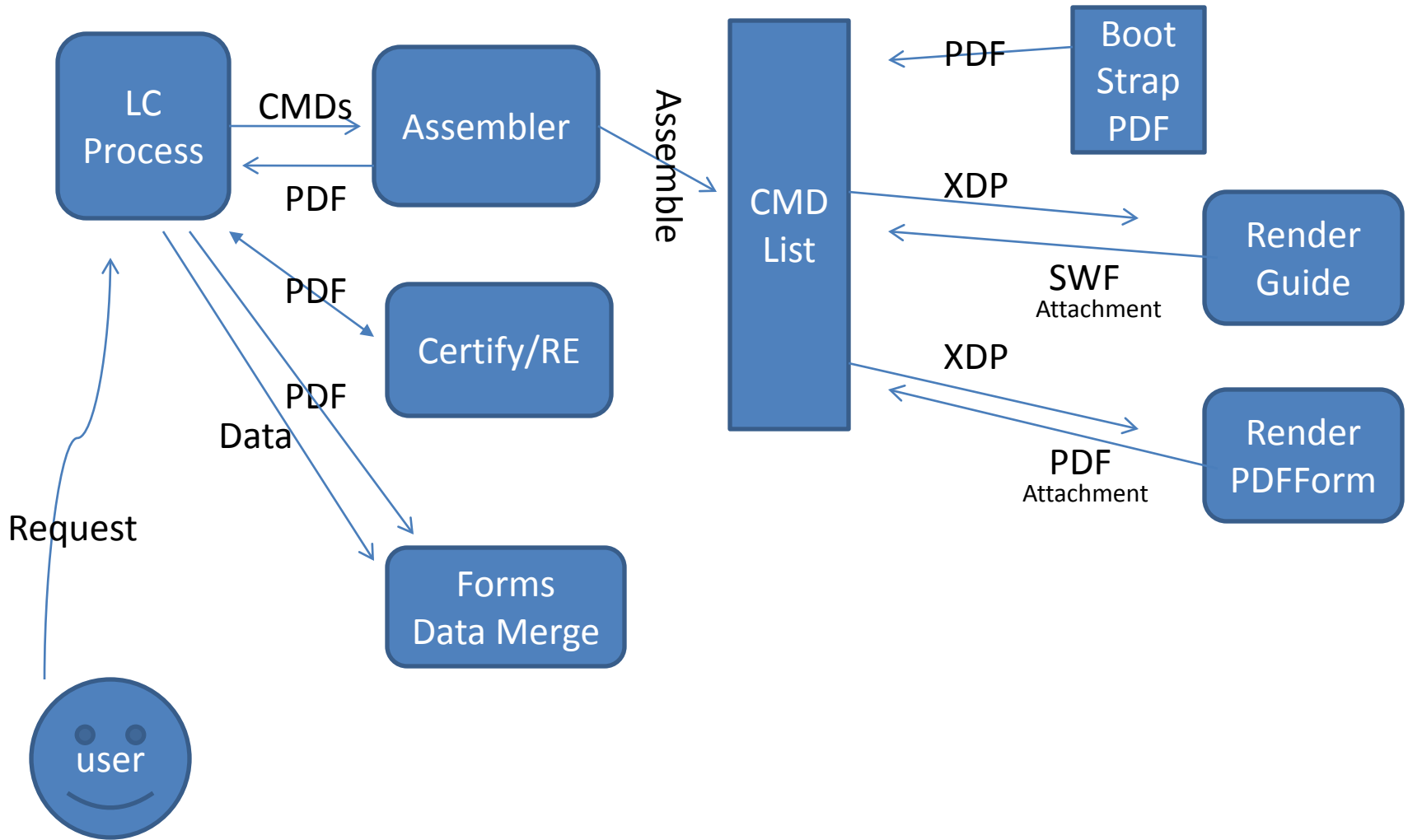


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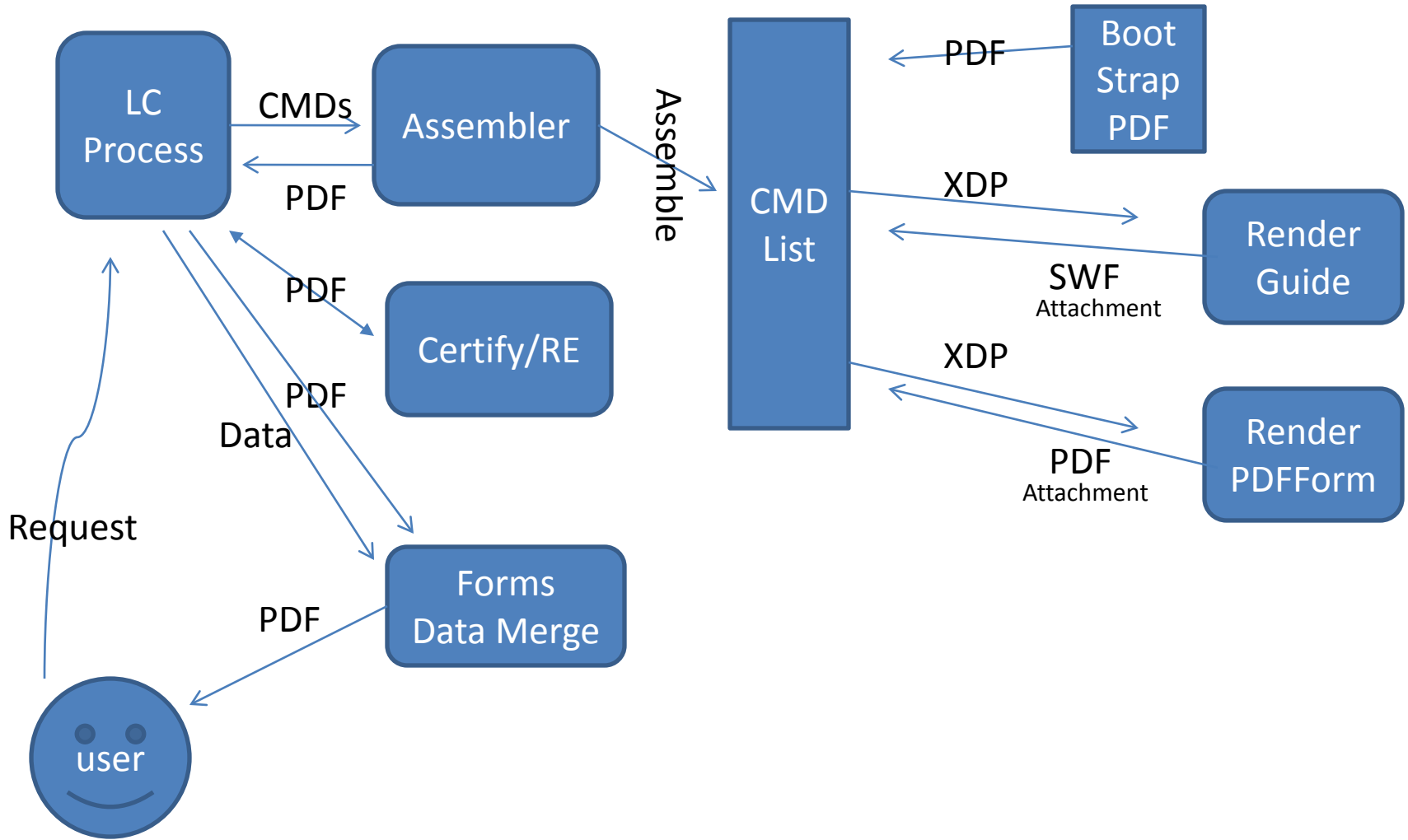


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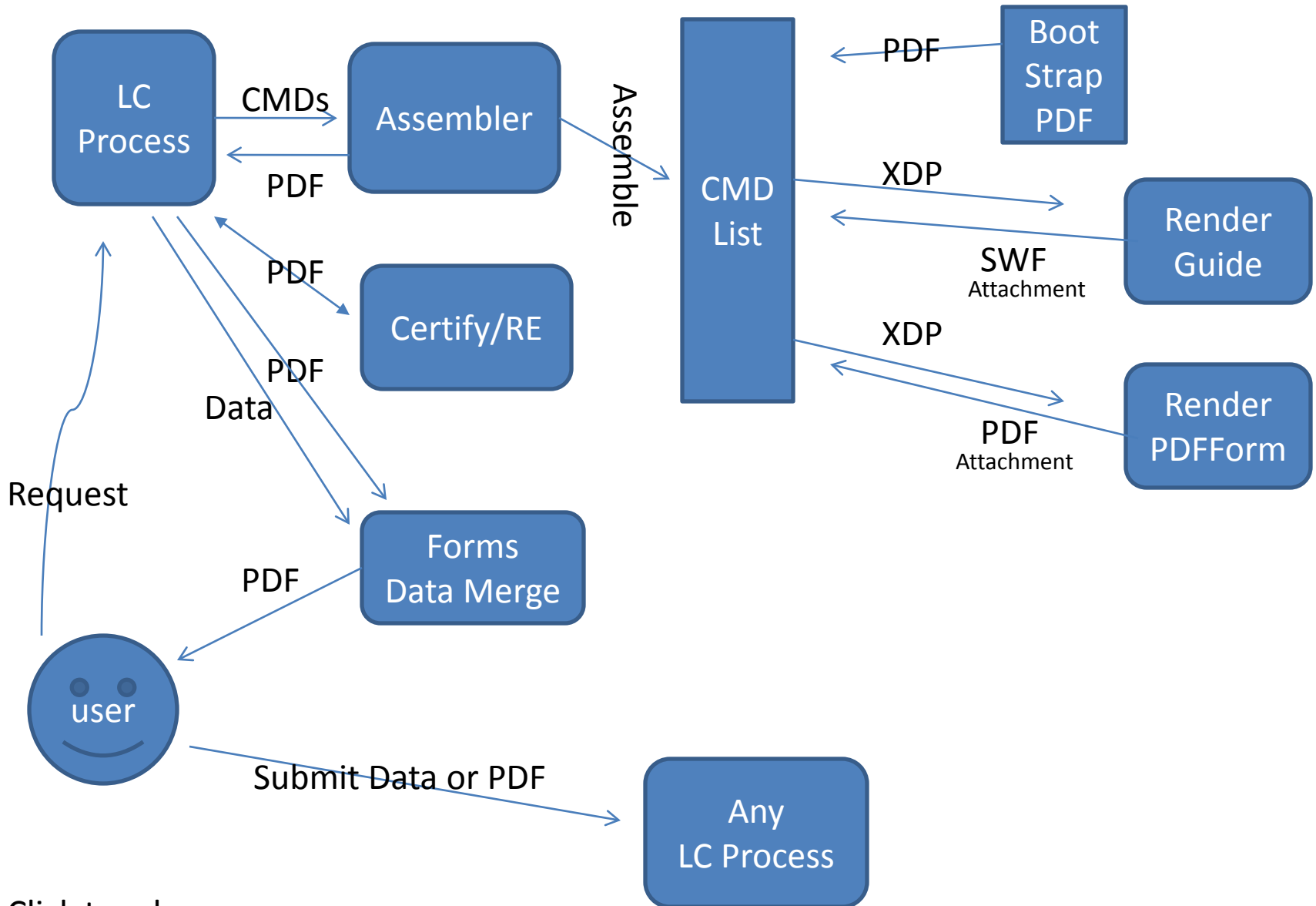
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# Process of Delivering Guide in PDF



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# Functions in PDFBootStrap\_Raw.pdf called from embedded Flash

- doSupport()
- doGetAttachmentList()
- doGetAttachment(attachName)
- doView(attachName, hexData)
- doEmail()
- doPrint(attachName, hexData)
- doSetAttachment(attachName, hexData)
- doSubmit(sUrl, hexData)
- doGetData()
- setDataHex(hexData)
- setData(oDoc, data)

# Customization

- Not really required, but it is possible to modify the default XFA script object in the PDF via LC Designer, to create a custom Bootstrapper.
- Also possible to replace the embedded SWF. It is just a standard Flex Builder 3.x SWF Application currently.

# Q & A

- Please feel free to contact me if you have any questions regarding this Concept or if you have a Use Cases you think this would assist.