

## Services for LiveCycle ES Solution Components (July 2007)

This document lists the services that developers can use to create processes in Adobe® LiveCycle® Workbench ES. Each service is licensed for use with one or more LiveCycle ES (Enterprise Suite) solution components in a production environment. The LiveCycle Foundation services are licensed for use with all LiveCycle ES solution components. When a service is deployed on the LiveCycle ES server, the service appears in the Services view in LiveCycle Workbench ES.

### Barcoded Forms Category

Service	Foundation	Barcoded Forms ES	Connector for EMC Documentum	Connector for IBM® FileNet	Digital Signatures ES	Forms ES	Output ES	PDF Generator ES	Process Management ES	Reader Extensions ES	Rights Management ES
Barcoded Forms		X									

### Common Category

Service	Foundation	Barcoded Forms ES	Connector for EMC Documentum	Connector for IBM FileNet	Digital Signatures ES	Forms ES	Output ES	PDF Generator ES	Process Management ES	Reader Extensions ES	Rights Management ES
Assembler						X	X	X			
Convert PDF							X	X			
Encryption		X			X	X	X	X	X	X	X
Form Data Integration		X				X			X	X	
PDF Utilities		X			X	X	X	X	X	X	X
XMP Utilities		X			X	X	X	X	X	X	X

### Connector for EMC Documentum Category

Service	Foundation	Barcoded Forms ES	Connector for EMC Documentum	Connector for IBM FileNet	Digital Signatures ES	Forms ES	Output ES	PDF Generator ES	Process Management ES	Reader Extensions ES	Rights Management ES
Content Repository Connector for EMC Documentum			X								

### Connector for IBM FileNet Category

Service	Foundation	Barcoded Forms ES	Connector for EMC Documentum	Connector for IBM FileNet	Digital Signatures ES	Forms ES	Output ES	PDF Generator ES	Process Management ES	Reader Extensions ES	Rights Management ES
Content Repository Connector for IBM FileNet				X							

### Digital Signatures Category

Service	Foundation	Barcoded Forms ES	Connector for EMC Documentum	Connector for IBM FileNet	Digital Signatures ES	Forms ES	Output ES	PDF Generator ES	Process Management ES	Reader Extensions ES	Rights Management ES
Signature					X						

### Forms Category

Service	Foundation	Barcoded Forms ES	Connector for EMC Documentum	Connector for IBM FileNet	Digital Signatures ES	Forms ES	Output ES	PDF Generator ES	Process Management ES	Reader Extensions ES	Rights Management ES
Forms						X					

### Foundation Category

Service	Foundation	Barcoded Forms ES	Connector for EMC Documentum	Connector for IBM FileNet	Digital Signatures ES	Forms ES	Output ES	PDF Generator ES	Process Management ES	Reader Extensions ES	Rights Management ES
Decision Point	X										
Email	X										
Execute Script	X										
FTP	X										
File Utilities	X										
JDBC	X										
JMS	X										
LDAP	X										
Repository	X										
Set Value	X										
Variable Logger	X										
Web Service	X										
XSLT Transformation	X										

**Output Category**

Service	Foundation	Barcoded Forms ES	Connector for EMC Documentum	Connector for IBM FileNet	Digital Signatures ES	Forms ES	Output ES	PDF Generator ES	Process Management ES	Reader Extensions ES	Rights Management ES
Output							X				

**PDF Generator Category**

Service	Foundation	Barcoded Forms ES	Connector for EMC Documentum	Connector for IBM FileNet	Digital Signatures ES	Forms ES	Output ES	PDF Generator ES	Process Management ES	Reader Extensions ES	Rights Management ES
Distiller®								X			
Generate PDF								X			

**Process Management Category**

Service	Foundation	Barcoded Forms ES	Connector for EMC Documentum	Connector for IBM FileNet	Digital Signatures ES	Forms ES	Output ES	PDF Generator ES	Process Management ES	Reader Extensions ES	Rights Management ES
Form Augmenter									X		
Stall									X		
User									X		
Wait Point									X		

**Reader Extensions Category**

Service	Foundation	Barcoded Forms ES	Connector for EMC Documentum	Connector for IBM FileNet	Digital Signatures ES	Forms ES	Output ES	PDF Generator ES	Process Management ES	Reader Extensions ES	Rights Management ES
Reader Extensions		X								X	

**Rights Management Category**

Service	Foundation	Barcoded Forms ES	Connector for EMC Documentum	Connector for IBM FileNet	Digital Signatures ES	Forms ES	Output ES	PDF Generator ES	Process Management ES	Reader Extensions ES	Rights Management ES
Rights Management											X

The following processes are implemented as services and appear in Workbench ES based on the solution component deployed. Modification of the processes associated with the service is not supported.

### Output Category

Service	Foundation	Barcoded Forms ES	Connector for EMC Documentum	Connector for IBM FileNet	Digital Signatures ES	Forms ES	Output ES	PDF Generator ES	Process Management ES	Reader Extensions ES	Rights Management ES
PrintPDFPackage							X				

### Process Management Category

Service	Foundation	Barcoded Forms ES	Connector for EMC Documentum	Connector for IBM FileNet	Digital Signatures ES	Forms ES	Output ES	PDF Generator ES	Process Management ES	Reader Extensions ES	Rights Management ES
Complete Task									X		
Default Render									X		
Queue Sharing									X		
Task Assignment									X		
Task Deadlined									X		
Task Notification									X		
Task Reminder									X		
Workspace Queue Sharing									X		