

Programming Interfaces for LiveCycle ES2 Modules (April 2010)

This document lists the programming interfaces that developers can use to create applications by using Adobe® LiveCycle® ES2. They include Java™ Application Programming Interfaces (APIs), Service Provider Interfaces (SPIs), web service APIs, and ActionScript® APIs. Each API and SPI is licensed for use with one or more LiveCycle ES2 modules in a production environment. The LiveCycle Foundation APIs and SPIs are available with all other LiveCycle ES2 modules.

API/SPI packages	Licensed for module(s)
Application Manager Service API <ul style="list-style-type: none">• com.adobe.idp.applicationmanager.application• com.adobe.idp.applicationmanager.client	Foundation
Assembler Service API <ul style="list-style-type: none">• com.adobe.livecycle.assembler• com.adobe.livecycle.assembler.client• com.adobe.service.ddxm.client• com.adobe.service.pdfm.client	Content Services ES2 Forms ES2 Output ES2 PDF Generator ES2 PDF Generator 3D ES2
Authentication Manager Service API <ul style="list-style-type: none">• com.adobe.idp.um.api• com.adobe.idp.um.api.infomodel• com.adobe.livecycle.usermanager.client	Foundation
Authentication Manager Service SPI <ul style="list-style-type: none">• com.adobe.idp.um.spi• com.adobe.idp.um.spi.authentication	Foundation
Authorization Manager Service API <ul style="list-style-type: none">• com.adobe.idp.um.api• com.adobe.idp.um.api.infomodel• com.adobe.livecycle.usermanager.client	Foundation
Backup and Restore Service API <ul style="list-style-type: none">• com.adobe.idp.backup.dsc.client• com.adobe.idp.backup.dsc.service	Foundation
Barcoded Forms Service API <ul style="list-style-type: none">• com.adobe.livecycle.barcodedforms• com.adobe.livecycle.barcodedforms.client	Reader Extensions ES2

API/SPI packages	Licensed for module(s)
Business Activity Monitoring (BAM) API <ul style="list-style-type: none"> ● com.celequest.api.agent ● com.celequest.api.function ● com.celequest.api.function.webservice ● com.celequest.api.type 	Business Activity Monitoring ES2 Business Activity Monitoring ES2 Extended
Component Registry Service API <ul style="list-style-type: none"> ● com.adobe.idp.dsc.registry ● com.adobe.idp.dsc.registry.component ● com.adobe.idp.dsc.registry.component.client ● com.adobe.idp.dsc.registry.infomodel ● com.adobe.idp.dsc.registry.infomodel.layout 	Foundation
Connector Registry Service API <ul style="list-style-type: none"> ● com.adobe.idp.dsc.registry.connector ● com.adobe.idp.dsc.registry.connector.client 	Foundation
Content Services API <ul style="list-style-type: none"> ● com.adobe.livecycle.contentservices.client.* 	Content Services ES2
Convert PDF Service API <ul style="list-style-type: none"> ● com.adobe.livecycle.convertpdfservice.client ● com.adobe.livecycle.convertpdfservice.client.enumeration ● com.adobe.livecycle.convertpdfservice.exception 	Output ES2 PDF Generator ES2 PDF Generator 3D ES2
Directory Manager Service API <ul style="list-style-type: none"> ● com.adobe.idp.um.api ● com.adobe.idp.um.api.infomodel ● com.adobe.livecycle.usermanager.client 	Foundation
Directory Manager Service SPI <ul style="list-style-type: none"> ● com.adobe.idp.um.spi ● com.adobe.idp.um.spi.directoryservices 	Foundation
Distiller® Service API <ul style="list-style-type: none"> ● com.adobe.livecycle.distiller.client 	PDF Generator ES2 PDF Generator 3D ES2
DocConverter API <ul style="list-style-type: none"> ● com.adobe.livecycle.docconverter.client 	Output ES2 PDF Generator ES2 PDF Generator 3D ES2

API/SPI packages	Licensed for module(s)
Encryption Service API <ul style="list-style-type: none"> ● com.adobe.livecycle.encryption.client 	Digital Signatures ES2 Forms ES2 Output ES2 PDF Generator ES2 PDF Generator 3D ES2 Process Management ES2 Reader Extensions ES2 Rights Management ES2
Endpoint Registry Service API <ul style="list-style-type: none"> ● com.adobe.idp.dsc.registry.endpoint ● com.adobe.idp.dsc.registry.endpoint.client 	Foundation
Form Data Integration Service API <ul style="list-style-type: none"> ● com.adobe.livecycle.formdataintegration.client 	Forms ES2 Process Management ES2 Reader Extensions ES2
Form Guide API <ul style="list-style-type: none"> ● ga.controls ● ga.layouts ● ga.model ● ga.views ● ga.wrappers 	Data Services ES2 Forms ES2
Forms Service API <ul style="list-style-type: none"> ● com.adobe.livecycle.formsservice.client ● com.adobe.livecycle.formsservice.client.interfaces ● com.adobe.livecycle.formsservice.exception 	Forms ES2
Foundation API <ul style="list-style-type: none"> ● com.adobe.idp ● com.adobe.idp.dsc.clientsdk ● com.adobe.idp.dsc.component ● com.adobe.idp.dsc.datatype ● com.adobe.idp.dsc.propertyeditor ● com.adobe.idp.dsc.transaction 	Foundation
Generate 3D PDF Service API <ul style="list-style-type: none"> ● com.adobe.livecycle.generate3dpdf.client 	PDF Generator 3D ES2
Generate PDF Service API <ul style="list-style-type: none"> ● com.adobe.livecycle.generatepdf.client 	PDF Generator ES2 PDF Generator 3D ES2

API/SPI packages	Licensed for module(s)
Invocation API <ul style="list-style-type: none"> ● com.adobe.idp.dsc 	Foundation
Job Manager Service API <ul style="list-style-type: none"> ● com.adobe.idp.jobmanager.client ● com.adobe.idp.jobmanager.common ● com.adobe.idp.jobmanager.service 	Foundation
Output Service API <ul style="list-style-type: none"> ● com.adobe.livecycle.output.client ● com.adobe.livecycle.output.exception 	Output ES2
PDF Utilities Service API <ul style="list-style-type: none"> ● com.adobe.external.pdfutil.client ● com.adobe.livecycle.pdfutility ● com.adobe.livecycle.pdfutility.client 	Content Services ES2 Digital Signatures ES2 Forms ES2 Output ES2 PDF Generator ES2 PDF Generator 3D ES2 Process Management ES2 Reader Extensions ES2 Rights Management ES2
Process Manager Service API <ul style="list-style-type: none"> ● com.adobe.idp.workflow.client 	Foundation
Queue Manager Service API <ul style="list-style-type: none"> ● com.adobe.idp.taskmanager.dsc.client.queuemanager 	Process Management ES2
Query Service API <ul style="list-style-type: none"> ● com.adobe.idp.taskmanager.dsc.client ● com.adobe.idp.taskmanager.dsc.client.query ● com.adobe.idp.dsc.filter 	Process Management ES2
Reader Extensions Service API <ul style="list-style-type: none"> ● com.adobe.livecycle.readerextensions.client ● com.adobe.livecycle.readerextensions.client.exceptions 	Reader Extensions ES2
Remoting API <ul style="list-style-type: none"> ● mx.rpc.livecycle 	Data Services ES2

API/SPI packages	Licensed for module(s)
Repository Service API <ul style="list-style-type: none"> ● com.adobe.repository ● com.adobe.repository.bindings ● com.adobe.repository.bindings.dsc.client ● com.adobe.repository.infomodel ● com.adobe.repository.infomodel.bean ● com.adobe.repository.query ● com.adobe.repository.query.sort 	Foundation
Rights Management Service API <ul style="list-style-type: none"> ● com.adobe.livecycle.rightsmanagement.client ● com.adobe.livecycle.rightsmanagement.client.infomodel 	Rights Management ES2
Rights Management External Authorization and External User Registration SPIs <ul style="list-style-type: none"> ● com.adobe.edc.sdk ● com.adobe.edc.server.spi.authorization ● com.adobe.edc.server.spi.ersp 	Rights Management ES2
Service Registry API <ul style="list-style-type: none"> ● com.adobe.idp.dsc.registry ● com.adobe.idp.dsc.registry.infomodel ● com.adobe.idp.dsc.registry.infomodel.layout ● com.adobe.idp.dsc.registry.service ● com.adobe.idp.dsc.registry.service.client 	Foundation
Signature Service API <ul style="list-style-type: none"> ● com.adobe.livecycle.signatures.client ● com.adobe.livecycle.signatures.client.types ● com.adobe.livecycle.signatures.client.types.exceptions ● com.adobe.livecycle.signatures.common ● com.adobe.livecycle.signatures.pki.client.types.common 	Digital Signatures ES2
Signature Service SPI <ul style="list-style-type: none"> ● com.adobe.livecycle.signatures.client.spi.types 	Digital Signatures ES2

API/SPI packages	Licensed for module(s)
Task Manager Service API <ul style="list-style-type: none"> ● com.adobe.idp.taskmanager.dsc.client ● com.adobe.idp.taskmanager.dsc.client.endpoint ● com.adobe.idp.taskmanager.dsc.client.events ● com.adobe.idp.taskmanager.dsc.client.task 	Process Management ES2
Trust Manager API <ul style="list-style-type: none"> ● com.adobe.truststore.client 	Foundation
Workspace API <ul style="list-style-type: none"> ● lc.* 	Data Services ES2 Process Management ES2
XMP Utilities Service API <ul style="list-style-type: none"> ● com.adobe.livecycle.xmputility ● com.adobe.livecycle.xmputility.client 	Digital Signatures ES2 Forms ES2 Output ES2 PDF Generator ES2 PDF Generator 3D ES2 Process Management ES2 Reader Extensions ES2 Rights Management ES2

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