

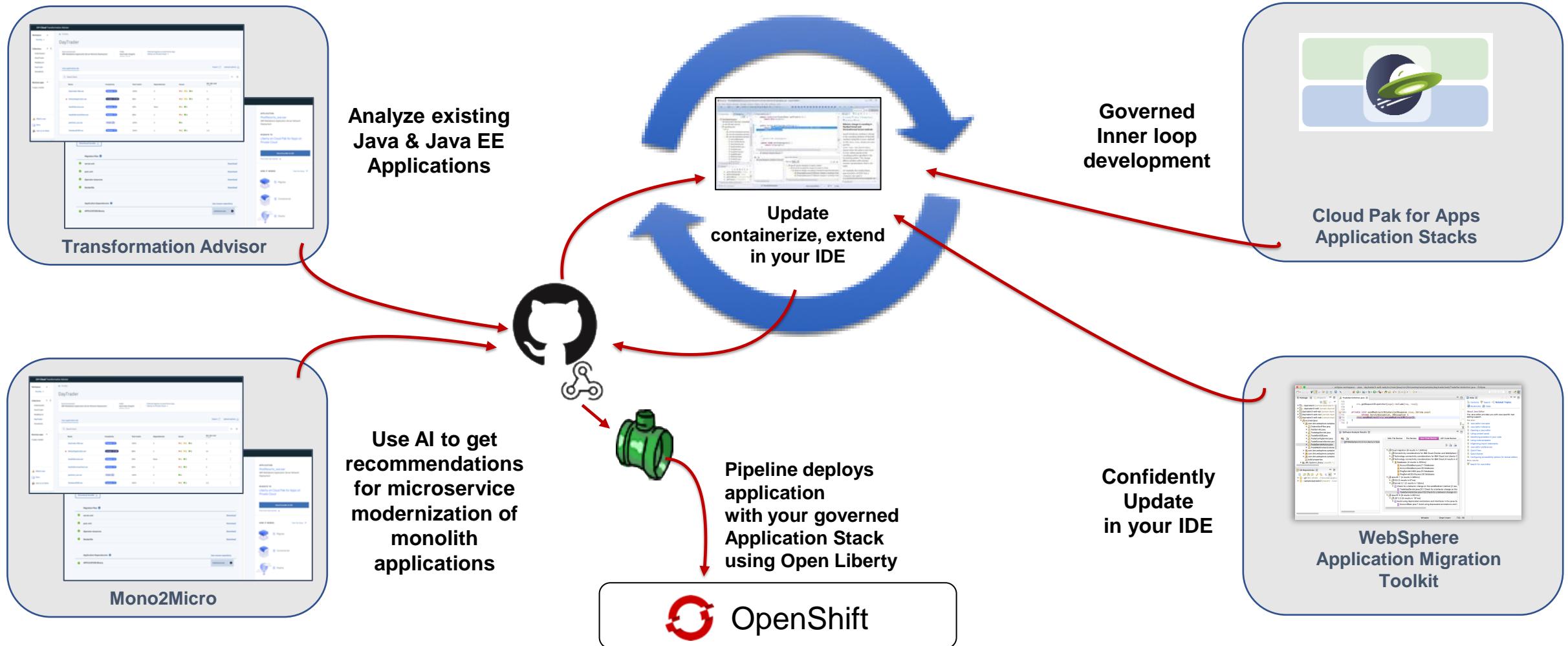
Cloud Transformation Advisor

Grzegorz Smółko
IBM Cloud Engagement Hub



Modernization tools to accelerate the Java process end-to-end

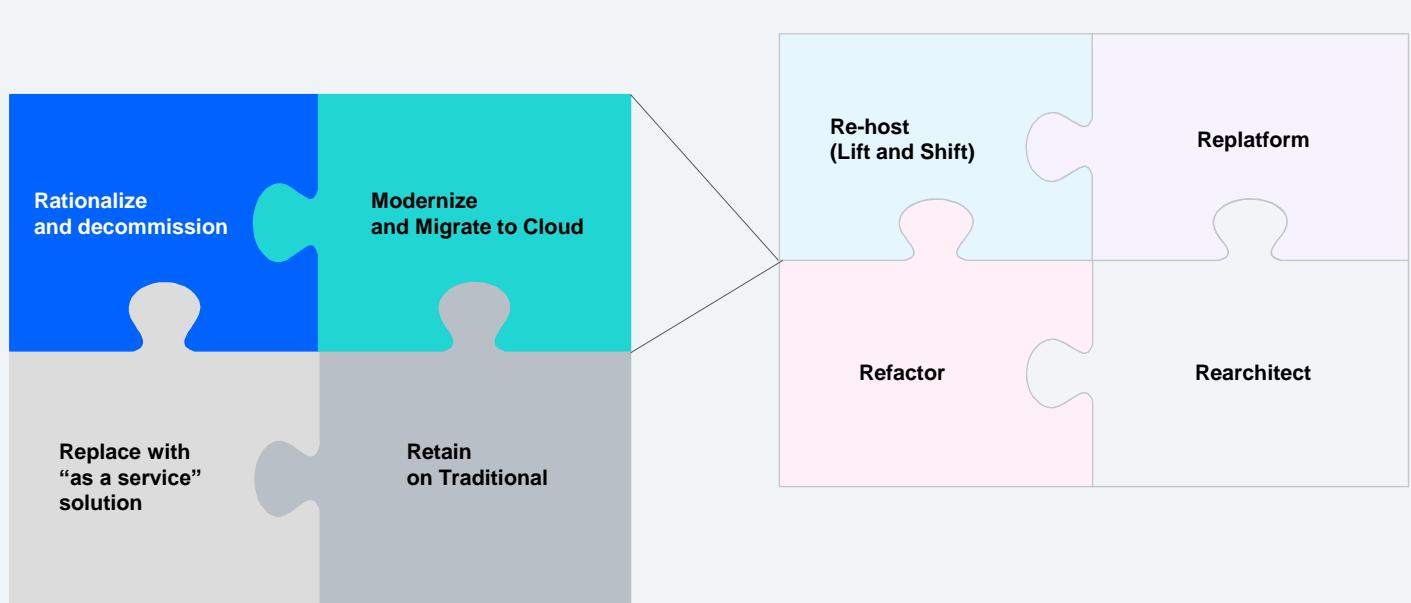
*One development experience for both cloud-native and application modernization
lowering the on-ramp to cloud development, test, deployment for legacy app developers*



The optimum modernization depends on the workload needs

IBM Cloud Transformation Advisor

accelerates that journey by quickly discovering and analyzing on-premise Java EE and/or messaging workloads in the enterprise to help in determining and executing the optimum modernization steps for each.



Runtimes currently analyzed:

Java EE

WebSphere Application Server

Oracle WebLogic

Red Hat JBoss

Apache Tomcat



Integration



IBM MQ

App Connect Enterprise (IIB)

Open Source SDK for other extenders:

[https://github.com/IBM/
transformation-advisor-sdk](https://github.com/IBM/transformation-advisor-sdk)

Transformation Advisor (TA) includes

Containerized runtime target analyses
(Liberty, WebSphere Base, ACE, MQ)

- Modernization complexity assessment
- Issue identification and severities
- Resolution cost assessments

Holistic views of related components

- Dependency mappings
(shared libs, middleware relationships)
- Business Applications with cumulative issue summary and resolution costs

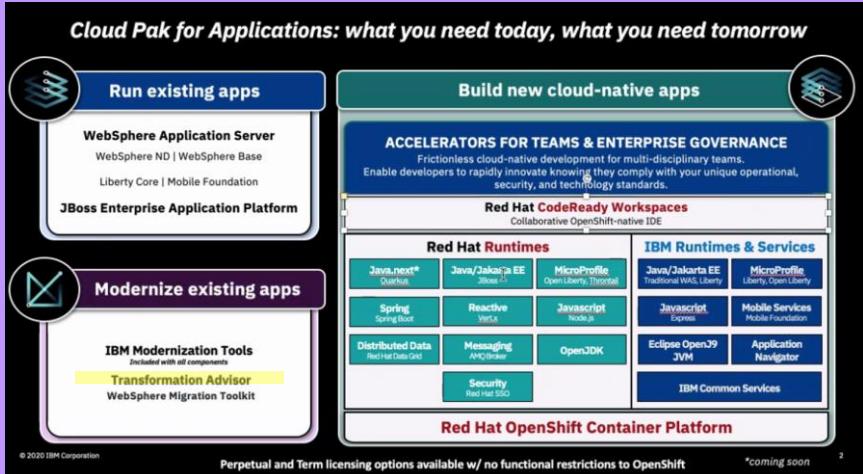
Detailed Reports

- Issue identification and remediation
- Workload inventories
- Dependency identification

Application-specific customized migration plans and deployment artifacts

- Configuration for containerized runtime
- Build and deployment files
- Integrated with Accelerator for Teams

Get Transformation Advisor



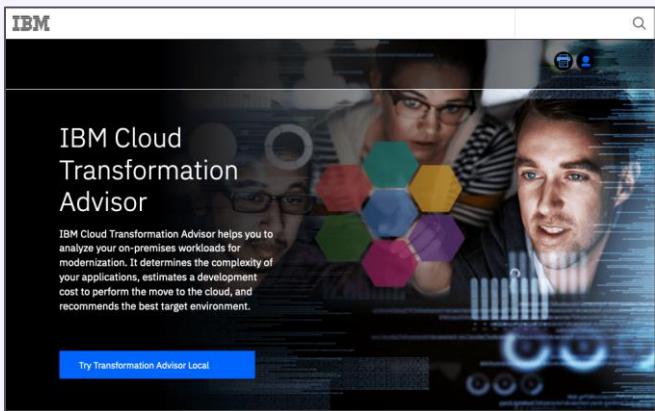
TA is available in
IBM Cloud Pak for Apps
and
IBM Cloud Pak for Integration
(v2020.2.1 – 2Q2020)



- Create all types of Integrations quickly using **simple** tools following modern development practice
- Manage secure integration deployments across any cloud leveraging cloud-native practices & architecture, consistent operational services.
- Re-use integration assets, skills to speed up development and time-to-market maintaining the right governance



[TA 2.1.1 Operator Tile – available on RedHat Operator Hub](#)



<http://ibm.biz/cloudta>

A Trial version of TA is available to run locally in Docker containers:

- MacOS
- Linux
- Windows

Run Transformation Advisor

- Open TA
- Download the appropriate Data Collector
- Run Data Collection and Upload Resulting Zipfile (if necessary)
- View Remediation Assessment to Target Containerized Runtime(s)

Welcome to Transformation Advisor

We know that modernizing your existing middleware deployments can take you into unfamiliar territory. IBM Cloud Transformation Advisor will help you take your first steps toward getting you onto Cloud Pak for Apps.

Let's get started.
What's a workspace? [?](#)

Add a new workspace [+](#)

SampleData [→](#)

Most recently accessed (2 total)

Join our community to ask questions, give feedback, or just say hello. [Join the Slack community](#) [Transformation Advisor docs](#) [What's new](#)

IBM Cloud Transformation Advisor

Home / SampleData / ModResorts / Data Collector

Data Collector

Getting results in your collection is not hard. To get applications live.

Download

In order to download the appropriate Data Collector

Source Operating System

Linux [▼](#)

Download for Linux [▼](#)

Install

Once downloaded, follow the steps below.

TIP: The Data Collector is likely to consume a significant amount of resources while gathering data therefore, we recommend you run the tool in a pre-production environment.

1 Copy and place the file to your system in a directory where it has read-write-execute access.
Then decompress the downloaded file:

```
tar xvzf transformationadvisor-Linux_cd03f13b-713a-4d00-9139-6b08b4fd97c6_142ebecf-8t
```

Cancel [Upload](#)

IBM Cloud Transformation Advisor

Home / SampleData / NewDataCollector

NewDataCollector

Source environment: IBM WebSphere Application Server
Profile: WL_OI_latest_DC
Version: 9.0.0.10
Migration target on Cloud Pak for Apps: Compatible Liberty runtimes

Java applications (11)

Java applications

Name	Migration Target	Complexity	Dependencies	Issues	Estimated dev cost in days
applicationPetstore_war.ear	Open Liberty	Moderate	1	▲ 2 ● 1 ● 2 2.5	
applicationPetstore_war.ear	WebSphere Liberty	Simple	1	● 1 ● 2 0	
DefaultApplication.ear	Open Liberty	Complex	3	▲ 4 ■ 1 ● 4 14	
ivrApp.ear	Open Liberty	Moderate	2	▲ 2 ■ 1 ● 2 3	
modresorts-1_0_war.ear	Open Liberty	Simple	None	● 1 ● 1 0	
PlantByWebSphereEE6.ear	Open Liberty	Moderate	3	▲ 1 ■ 1 ● 5 0.5	
query.ear	Open Liberty	Moderate	2	▲ 2 ■ 1 ● 3 3	
ReportViewerDeployment.ear	Open Liberty	Moderate	3	▲ 7 ■ 1 ● 9 12.5	
ReportViewerDeployment.ear	WebSphere Liberty	Moderate	3	▲ 1 ■ 1 ● 8 8	
Ta.ear	Open Liberty	Simple	None	● 1 ● 1 0	

Items per page: 10 1-10 of 13 items

Analyze On-Premise Workloads

- Java EE
 - WebSphere
(including shared libraries)
 - Tomcat
 - WebLogic
 - JBoss
- MQ
- IIB/ACE

The screenshot displays four separate analysis panels from the IBM Cloud Transformation Advisor:

- FinancialProfile:** Shows Java applications (10) and shared libraries (1). Source environment: IBM WebSphere Application Server Network Deployment.
- Tomcat:** Shows Java applications (20). Source environment: Apache Tomcat, Instance: apache-tomcat-9.0.14, Version: 9.0.24. Migration target: Cloud Pak for Apps, Compatible Liberty runtimes.
- WebLogic:** Shows Java applications (2). Source environment: Oracle WebLogic, Server profile: base_domain, Version: 12.2.1.3.0. Migration target: Cloud Pak for Apps, Compatible Liberty runtimes.
- ACEv11:** Shows Java applications (1). Source environment: App Connect Enterprise, Node: bnode, middlewareVersion: v10.0. Preferred migration: ACE on OpenShift. Shows integration servers: server1 (Complex), server2 (Simple), server3 (Simple).

Complexity Assessment

Classification regarding the difficult of the types of remediation required to move the workload to the desired target runtime environment

Complexity	Java EE	IBM MQ	IIB/ACE
Simple	No code changes needed	DNS reconfiguration required	Admin change required
Moderate	Code changes required	Cluster reconfiguration, changing custom logic (e.g. Exits)	Development change required
Complex	Incompatible technologies; external dependencies	Client Authentication reconfiguration	Difficult develop task or alternate technology required

The image displays three separate screenshots of the IBM Cloud Transformation Advisor interface, each showing a different type of workload and its migration status:

- Java applications (FinancialProfile):** Shows a table with columns: Name, Migration Target, Complexity, Dependencies, Issues, and Estimated dev cost in days. One row is highlighted with a pink border, showing 'HomeLoan_Mortgage_warear' with 'Open Liberty' as the migration target and 'Simple' complexity.
- Messaging (IBM MQ):** Shows a table with columns: Queue manager, Issues, and Total effort in days. One row is highlighted with a pink border, showing 'MQInstallation01' with 'MQ on OpenShift' as the preferred migration.
- Integration server (ACEv11):** Shows a table with columns: Integration server, Issues, and Total effort in days. Three rows are highlighted with pink borders, showing 'server1' (complex), 'server2' (simple), and 'server3' (simple).

Issues and Severity

Indication of the immediacy and likelihood of the identified issue needing to be remediated before modernizing to the target runtime

Severity	All Assessments
● Suggested	No immediate action required
■ Potential	Investigation required to determine if action required
▲ Critical	Issue must be addressed

The image displays three separate windows of the IBM Cloud Transformation Advisor tool, each showing a list of applications or services with their migration status and associated issues.

Java applications (10) - FinancialProfile

Name	Migration Target	Complexity	Dependencies	Issues	Estimated dev cost in days
HomeLoan_Mortgage_war.ear	Open Liberty	Simple	1	2	0
loyalty-level-1_0.war.ear	Open Liberty	Moderate	2	1	1
Mortgage_O	Open Liberty	Complex	3	2	2

Messaging

Issues	Total effort in days
Complex	5.5
Simple	0
Moderate	0

ACEv11

Integration server	Issues	Total effort in days
server1	Complex	21
server2	Simple	8
server3	Simple	12

Resolution Cost Estimates

- Estimate of effort required for remediation of issues.
- Java estimates are for development efforts, based on actual services engagement experiences resolving those issues.

IBM Cloud Transformation Advisor

Workspace SampleData

Collections Tomcat JBoss FinancialProfile WebLogic ACEv11 1 more

Business apps 0 apps created

What's new Docs Join us on Slack

ACEv11

Source environment Node bnode Preferred migration ACE on OpenShift middlewareVersion:v10.0

Upload options

Search integration server

Integration server	Issues	Total effort in days
server1	Complex ▲ 2 ■ 1 ● 1	21
server2	Simple ● 1 ■ 2 ● 2	8
server3	Simple ● 1 ■ 3 ● 2	12

Items per page: 10 1–3 of 3 items

IBM Cloud Transformation Advisor

Workspace SampleData

Collections Tomcat JBoss FinancialProfile WebLogic ACEv11 1 more

Business apps 0 apps created

What's new Docs Join us on Slack

Messaging

Source environment Installation MQInstallation01 Version:9.0.2.0 Preferred migration MQ on OpenShift

Upload options

Search queue manager

Queue manager	Issues	Total effort in days
ECB.RATES	Complex ● 1 ■ 2 ● 1	5.5
MORTGAGES	Simple ● 1 ● 1 ● 1	0

Breakdown Complexity of applications that use this queue manager

3 Apps

Used by Applications that use this queue manager

Mortgage_Calculator01.ear
Mortgage_InterestRates_war.ear
Mortgage_Processing_war.ear

Items per page: 10 1–2 of 2 items

IBM Cloud Transformation Advisor

Home / SampleData / FinancialProfile

FinancialProfile

Source environment IBM WebSphere Application Server Network Deployment

Profile FinancialProfile01 Version: 8.5.5.14

Migration target on Cloud Pak for Apps Compatible Liberty runtimes

Java applications (10) Shared libraries (1)

Java applications

Search java applications

Name	Migration Target	Complexity	Dependencies	Issues	Estimated dev cost in days
HomeLoan_Mortgage_war.ear	Open Liberty	Simple	1	● 1 ■ 2	0
loyalty-level-1_0_war.ear	Open Liberty	Moderate	2	● 1 ■ 4	1
▲ Mortgage_Calculator01.ear	Open Liberty	Complex	4	▲ 3 ■ 1 ● 5	13
Mortgage_Calculator02_war.ear	Open Liberty	Simple	1	● 1 ■ 2	0
				● 1 ■ 6	0
				▲ 1 ■ 1	2

Dependencies and Relationships

- Applications using Shared Libraries
- Applications and Queue Managers

IBM Cloud Transformation Advisor

Workspace + SampleData ▾

Home / SampleData / FinProfile

FinProfile

Upload options

Migration target on Cloud Pak for Apps ⓘ

Compatible Liberty runtimes ▾

Java applications (10) Shared libraries (5)

Java applications

Search java applications

Name	Migration Target	Complexity	Dependencies	Issues	Estimated dev cost in days
HomeLoan_Mortgage_war.ear	Open Liberty	Simple	1	0 0 2 0	0
loyalty-level-1_0_war.ear	Open Liberty	Moderate	2	0 1 4 1	1
⚠ Mortgage_Calculator01.ear	Open Liberty	Complex	4	3 1 5 13	13
Mortgage_Calculator02_war.ear	Open Liberty	Simple	1	0 0 2 0	0

Breakdown
Complexity of queue managers used by this application

1 Queue mgr	0 Simple	0 Moderate	1 Complex
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IBM MQ queue managers list
This application has the following IBM MQ queue manager

ECB.RATES

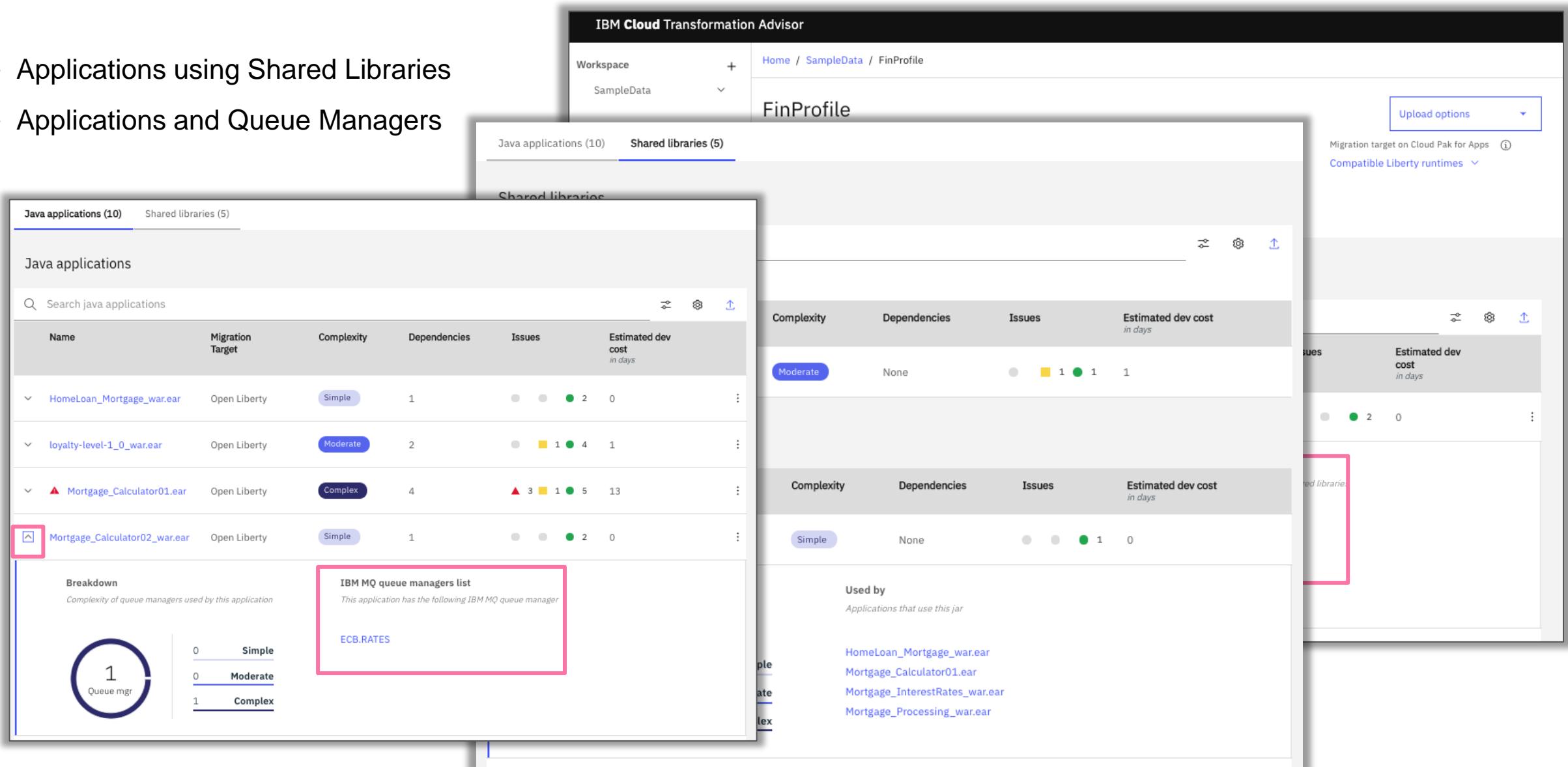
Shared libraries

Complexity	Dependencies	Issues	Estimated dev cost in days
Moderate	None	0 1 1 1	1
Simple	None	0 0 1 0	0

Used by

Applications that use this jar

HomeLoan_Mortgage_war.ear
Mortgage_Calculator01.ear
Mortgage_InterestRates_war.ear
Mortgage_Processing_war.ear



Business Applications

- Create Business App from applications in one or more collections
- View cumulative issues, development costs and complexity assessment
- Includes JARs used by applications from configured shared libraries without double-counting issues/dev cost

The screenshot shows the IBM Cloud Transformation Advisor interface. On the left, there's a sidebar with sections for Workspace (SampleData), Collections (NewDataCollector, SVTApps, SharedLibs, MQ, WAS), and Business apps (MortgageApp). The main area displays the 'MortgageApp' details. It includes a summary card with Complexity (Moderate), Issues (1 red, 1 yellow, 18 green), and Estimated dev. cost (3 days). Below this, there are tabs for Java applications (4) and Shared libraries (5), with the Java applications tab selected. A modal window titled 'Create business application' is open, showing migration targets: NewDataCollector (WL_OI_latest_DC), WAS (FinancialProfile01), and Migration target on Cloud Pak for Apps (Compatible Liberty runtimes). The modal also has sections for 'Add java applications' and 'Search java applications'. On the right, there are three cards for other applications: Mortgage_Processing_war.ear (Open Liberty, WAS > FinancialProfile01), Mortgage_InterestRates_war.ear (Open Liberty, WAS > FinancialProfile01), and Mortgage_Calculator02_war.ear (Open Liberty, WAS > FinancialProfile01). At the bottom right of the modal, there are 'Cancel' and 'Create' buttons.

Migration Plans Available for Java Applications

The screenshot shows the IBM Cloud Transformation Advisor interface for a workspace named "SampleData". The main view displays a "FinProfile" migration profile, source environment "IBM WebSphere Application Server", and target "Cloud Pak for Apps" with "Compatible Liberty runtimes". The "Java applications (10)" tab is selected, showing a list of applications with their migration status, complexity, dependencies, and issues.

Name	Migration Target	Complexity	Dependencies	Issues	Estimated dev cost in days
HomeLoan_Mortgage_war.ear	Open Liberty	Simple	1	1 2 0	0
loyalty-level-1_0_war.ear	Open Liberty	Moderate	2	1 4 1	1
Mortgage_Calculator01.ear	Open Liberty	Complex	4	3 1 5	13
Mortgage_Calculator02_war.ear	Open Liberty	Simple	1	2 0	0
Mortgage_InterestRates_war.ear	Open Liberty	Simple	3	6 0	0
Mortgage_Processing_war.ear	Open Liberty	Moderate	None	1 1 2	2
notification-ear.ear	Open Liberty	Simple	2	4 0	0
portfolio-1_0_war.ear	Open Liberty	Moderate	3	1 7 0.5	0.5

Actions available for the third application ("Mortgage_Calculator01.ear") include:

- Add to existing business app
- Create as a business app
- View migration plan (highlighted with a red box)

Open Liberty or WebSphere Liberty option



New TA 2.1.0 Data Collector option for applications using Java EE6 versions of:

- JPA
- JAX-RS
- or CDI

The screenshot shows the IBM Cloud Transformation Advisor interface. On the left, there's a sidebar with 'Collections' (Tomcat, LibertyOptions, PreviousDataCollector, JBoss, FinancialProfile, 3 more), 'Business apps' (0 apps created), and links for 'What's new', 'Docs', and 'Join us on Slack'. The main area has tabs for 'LibertyOptions' (selected) and 'PreviousDataCollector'. Under 'LibertyOptions', it shows 'Source environment' as 'IBM WebSphere Application Server', 'Profile' as 'WL_OI_latest_DC Version: 9.0.0.10', and 'Migration target' as 'Cloud Pak for Apps / Compatible Liberty runtimes'. A modal window titled 'Available' provides information about the new data collector version. Below this, a table lists Java applications: WSBASample.ear, UploadServlet30_war.ear, transformationAdv_war.ear, Ta.ear, ReportViewerDeployment.ear (WebSphere Liberty), and ReportViewerDeployment.ear (Open Liberty). The 'ReportViewerDeployment.ear' row under Open Liberty is highlighted with a pink border. To the right, there's a 'Migration target on Cloud Pak for Apps / Compatible Liberty runtimes' section with a 'Upload options' dropdown, and a 'Estimated dev cost in days' chart.

Name	Migration Target	Complexity	Dependencies	Issues	Estimated dev cost in days
WSBASample.ear	Open Liberty	Moderate	1	▲ 1 ● 3	2
UploadServlet30_war.ear	Open Liberty	Simple	None	● ● ●	0
transformationAdv_war.ear	Open Liberty	Simple	None	● ● ● 1	0
Ta.ear	Open Liberty	Simple	None	● ● ●	0
ReportViewerDeployment.ear	WebSphere Liberty	Moderate	3	▲ 5 ■ 1 ● 8	8
ReportViewerDeployment.ear	Open Liberty	Moderate	3	▲ 7 ■ 1 ● 9	12.5

Java Modernization Target Deployments

- Target Deployments:
 - Open Liberty
 - WebSphere Liberty
 - WebSphere Base

The screenshot shows the IBM Cloud Transformation Advisor interface. On the left, there's a sidebar with navigation links like 'Workspace', 'SampleData', 'Collections', 'Business apps', 'What's new', 'Docs', and 'Join us'. The main area displays a 'NewDataCollector' workspace. It shows the 'Source environment' as 'IBM WebSphere Application Server' and the 'Profile' as 'WL_OI_collection_old_data Version: 8.5.5.1'. The 'Migration target on Cloud Pak for Apps' is set to 'WebSphere traditional'. Below this, under 'Java applications (6)', a table lists several applications with their details:

Name	Migration Target	Complexity	Dependencies	Issues	Estimated dev cost
activitysession.ear	WebSphere traditional	Moderate	4	1 2 5	1
DayTrader EE6.ear	WebSphere traditional	Simple	3	0 1 10	0
DefaultApplication.ear	WebSphere traditional	Moderate	3	1 2 4	1
ivtApp.ear	WebSphere traditional	Moderate	2	1 1 3	1
PlantsByWebSphereEE6.ear	WebSphere traditional	Simple	3	0 1 7	0
query.ear	WebSphere traditional	Moderate	2	1 1 3	1

A pink box highlights the row for 'PlantsByWebSphereEE6.ear'. The right side of the interface has sections for 'Estimated dev cost' and other workspace management tools.

Liberty Migration Plans

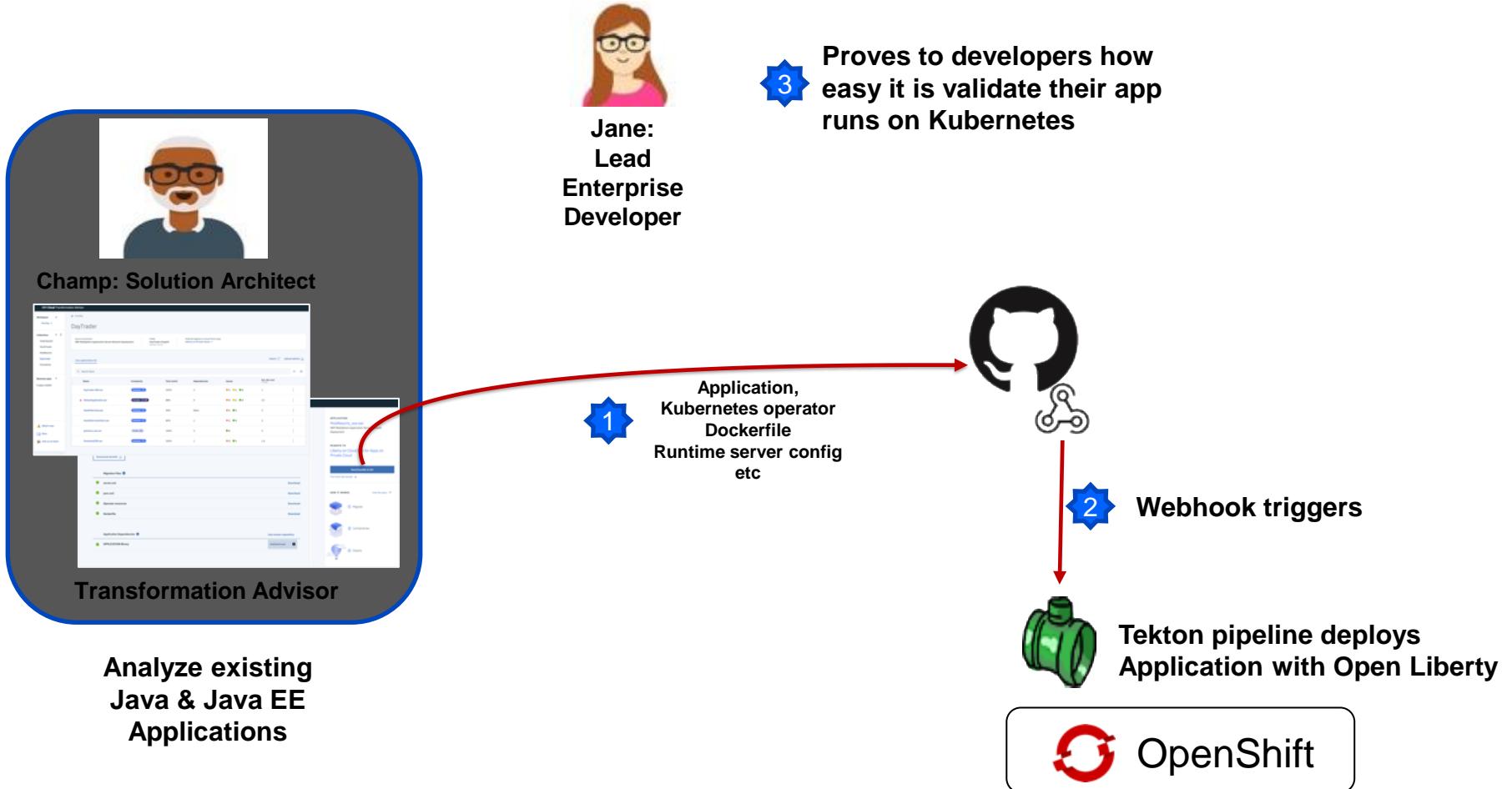
- Source or binary projects
- Custom configuration and deployment artifacts created
- Full integration with IBM Cloud Pak for Apps Accelerator for Teams
- Migration bundle pushed to git

The screenshot shows the IBM Cloud Transformation Advisor interface. At the top, there's a navigation bar with 'IBM Cloud Transformation Advisor', 'Workspace' (SampleData), and a breadcrumb path 'Home / SampleData / NewDataCollector'. Below this is a main title 'NewDataCollector'. On the right, there's a 'Upload options' dropdown and a large button labeled 'Send to Git'.

The main content area has a title 'IBM Cloud Transformation Advisor' and a breadcrumb path 'Home / ... / NewDataCollector / ReportViewerDeployment.ear / Migration bundle'. It contains sections for 'Migration bundle', 'Build type' (radio buttons for 'Source code' and 'Binary'), 'Use Accelerator for Teams' (checkbox 'Use' checked), 'Migration Files' (listing '.appody-config.yaml', 'app-deploy.yaml', 'pom.xml', and 'server.xml'), and a 'Send to Git' button at the bottom.

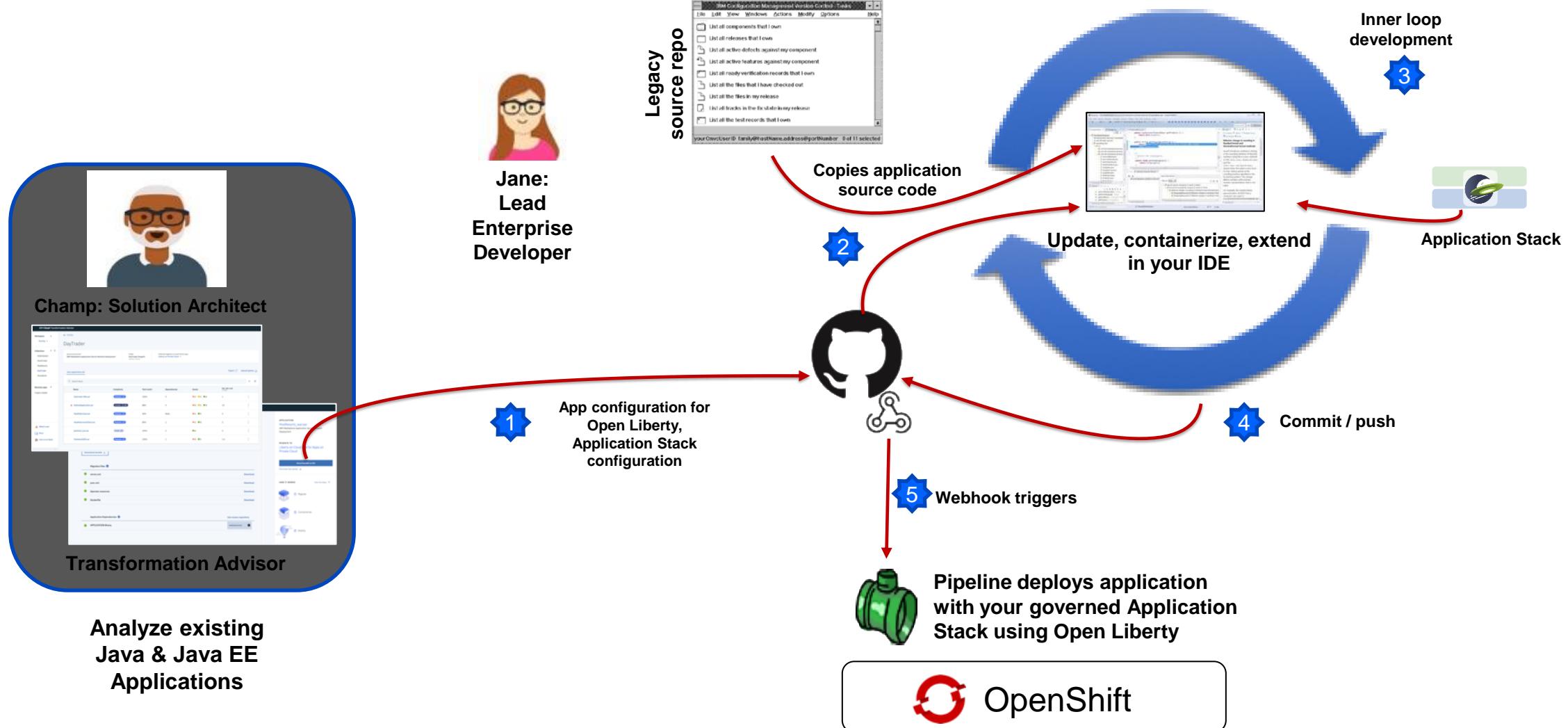
On the right side, there's a sidebar with sections for 'Application name' (ReportViewerDeployment.ear), 'Source environment' (IBM WebSphere Application Server), 'Migration target' (IBM Cloud Pak for Applications: Open Liberty), and a 'Cost' section with a chart. A red box highlights the 'Send to Git' button at the bottom of the main content area.

App Mod developer binary project workflow



App Mod developer source project workflow

*One development experience for both cloud-native and application modernization
lowering the on-ramp to cloud development, test, deployment for legacy app developers*



WebSphere Base Migration Plans

- Custom configuration and deployment artifacts created
- Migration bundle pushed to git

The screenshot shows the IBM Cloud Transformation Advisor interface. At the top, there's a navigation bar with 'IBM Cloud Transformation Advisor' and a workspace dropdown set to 'Jul8'. Below the navigation is a breadcrumb path: Home / Jul8 / WAS. The main content area is titled 'WAS' and shows 'Source environment' and 'Profile' tabs. On the right, there's a 'Migration target on Cloud Pak for Apps' section with a 'Upload options' button. The central part of the screen displays a 'Migration bundle' for 'DefaultApplication.ear.ear' from 'IBM WebSphere Application Server' to 'IBM Cloud Pak for Applications: WebSphere Traditional'. It includes sections for 'Application dependencies' (with 'Manual upload' selected), 'Detected dependencies' (empty), 'Uploaded files' (empty), and a 'Migration Files' section containing 'server_config.py', 'install_app.py', 'Dockerfile', and 'Pipeline resources' (all highlighted with a red box). At the bottom, there are 'Download' and 'Send to Git' buttons, with the 'Send to Git' button also highlighted with a red box.

Get WebSphere Application Migration Toolkit

<https://developer.ibm.com/wasdev/downloads/>

[#asset/tools-WebSphere_Application_Server_Migration_Toolkit](#)

- Eclipse IDE plugin (Eclipse, WDT, RAD)
- Executes source code analysis and provides developer assistance with remediations
 - WebSphere to Liberty
 - WebLogic, JBoss, Tomcat to Liberty
 - WebSphere version-to-version

[ALL ASSETS](#)



WebSphere Application Server Migration Toolkit

ASSET TYPE: TOOL

The migration toolkit provides Eclipse-based tools for WebSphere migration scenarios including Cloud migration, WebSphere version to version migration including WAS Liberty, and migration from third-party application servers.

[Download](#)

The migration toolkit provides a rich set of tools that help you migrate applications from third-party application servers, between versions of WebSphere Application Server, to Liberty, and to cloud platforms such as Liberty for Java on IBM Cloud, IBM WebSphere on IBM Cloud and Docker. The following tools are provided:

- Cloud Migration Tool
- WebSphere Version to Version Application Migration Tool
- Apache Tomcat to WebSphere Application Migration Tool
- JBoss to WebSphere Application Migration Tool
- Oracle to WebSphere Application Migration Tool
- WebLogic to WebSphere Application Migration Tool
- Apache Tomcat to Liberty Configuration Migration Tool
- WebSphere Configuration Migration Tool: JBoss
- WebSphere Configuration Migration Tool: WebLogic
- WebSphere Configuration Migration Tool: WebSphere to Liberty

Install it in Eclipse by doing the following:

1. If you don't already have Eclipse, install [Eclipse IDE for Java EE Developers \(Photon - 4.8 \).](#)
2. To install the migration toolkit, use one of the following methods:
 - Drag this install icon  onto the title bar of Eclipse IDE for Java EE
 - Developers v4.7 or higher.
From Eclipse, select **Help > Install New Software**, then click **Add** to add the **repository Location URL:**
`https://public.dhe.ibm.com/ibmdl/export/pub/software/websphere/asdev/uploads/wamt/MigrationToolkit/`

Details

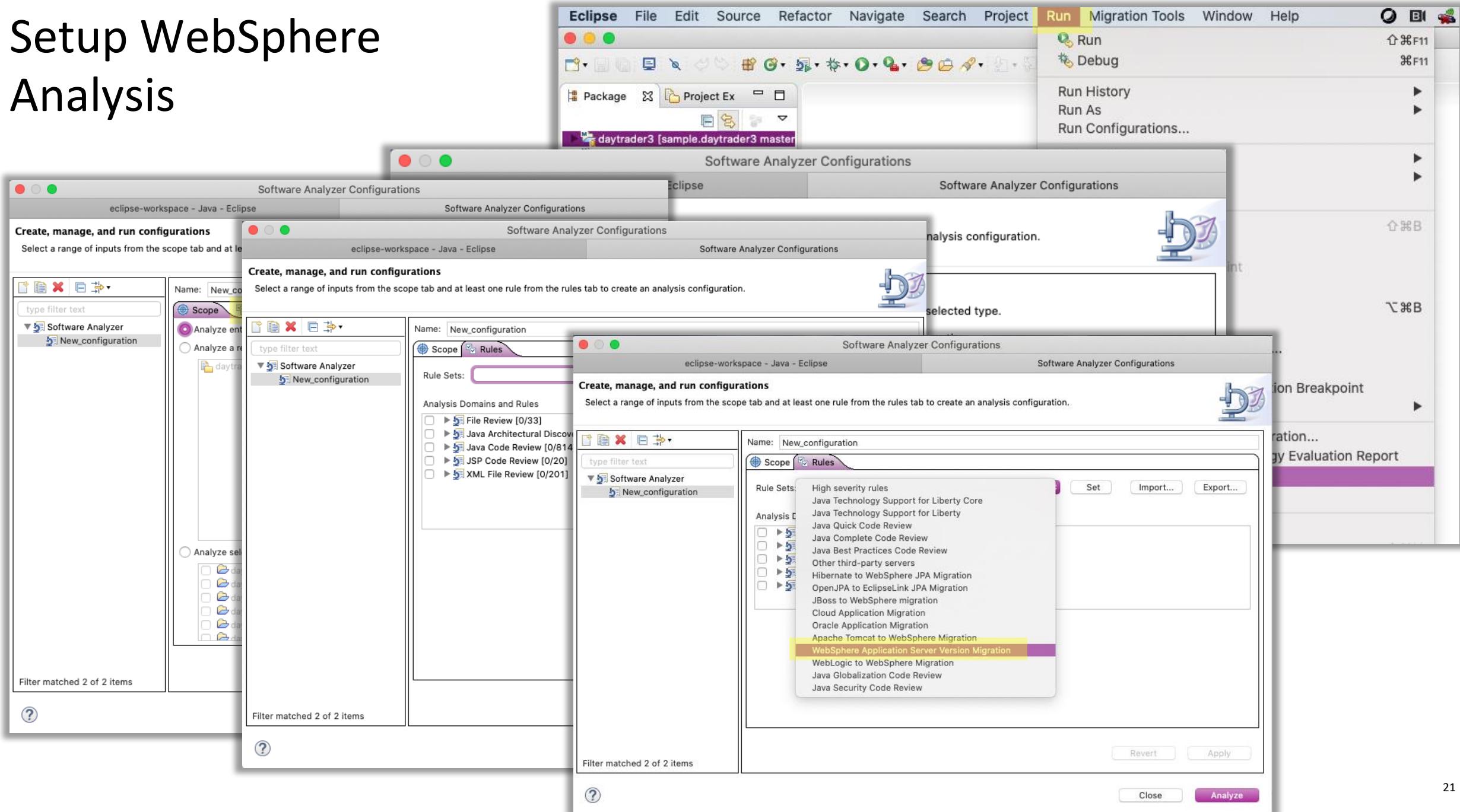
Released: 13 March 2020

Compatibility:
Edition: All

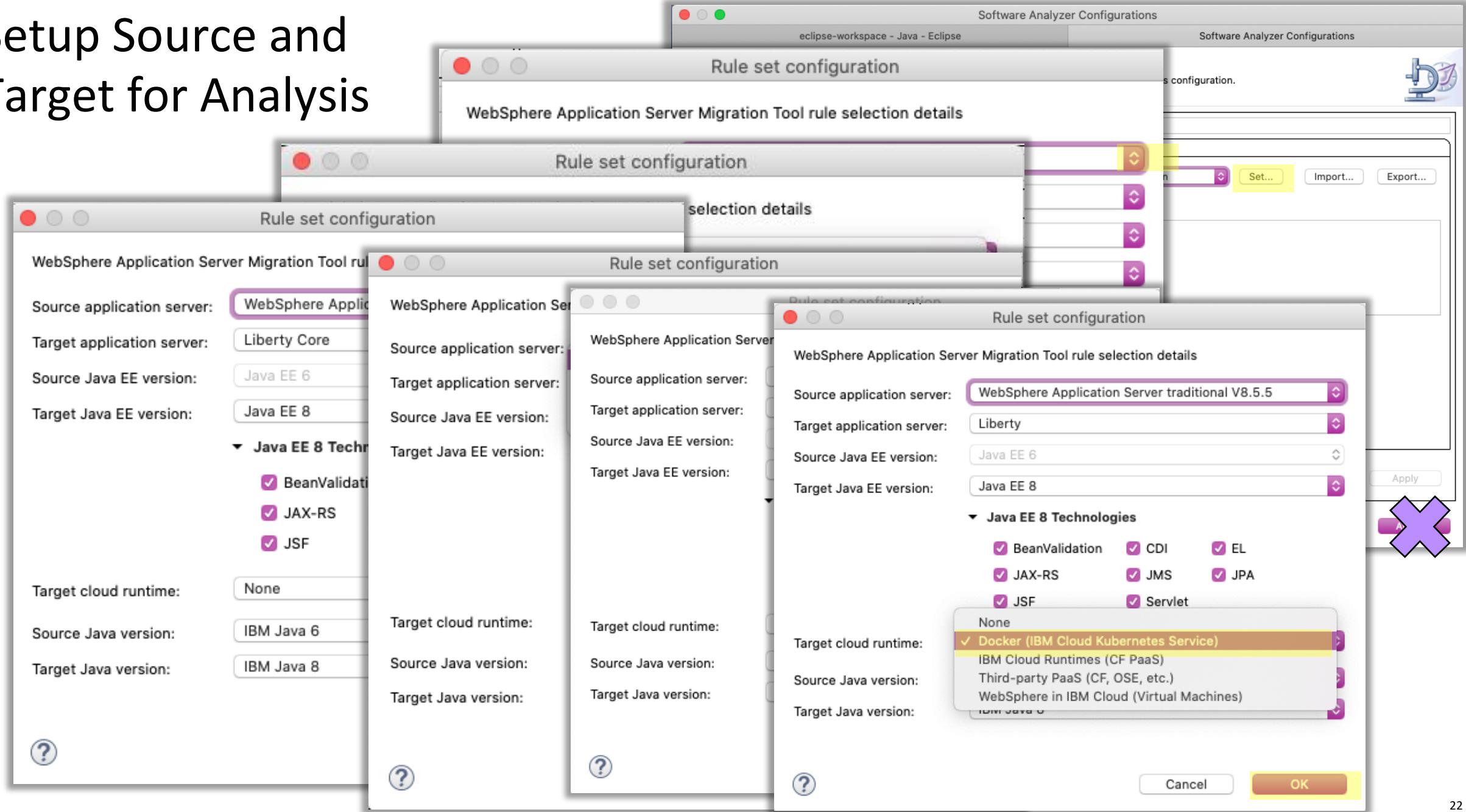
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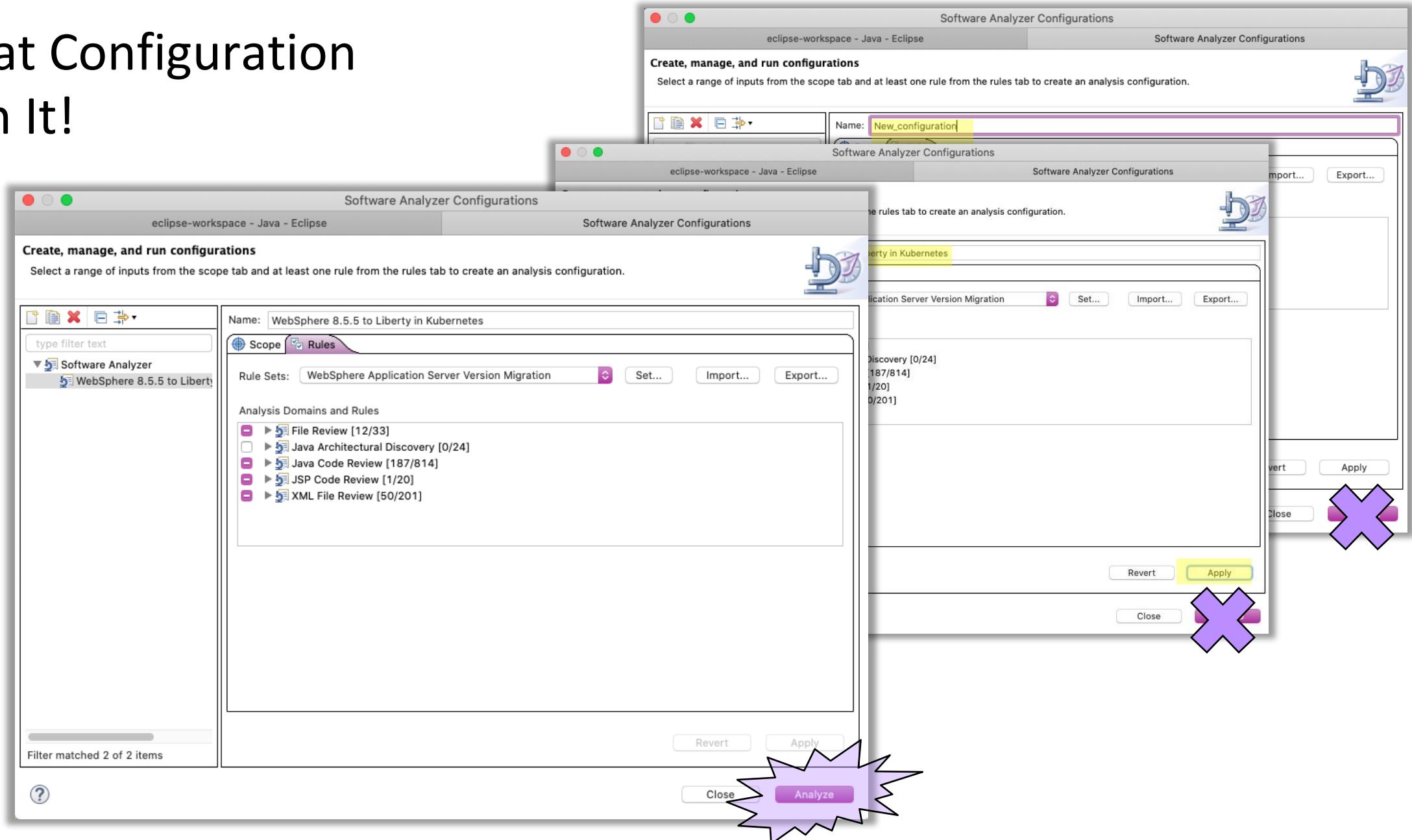
Setup WebSphere Analysis



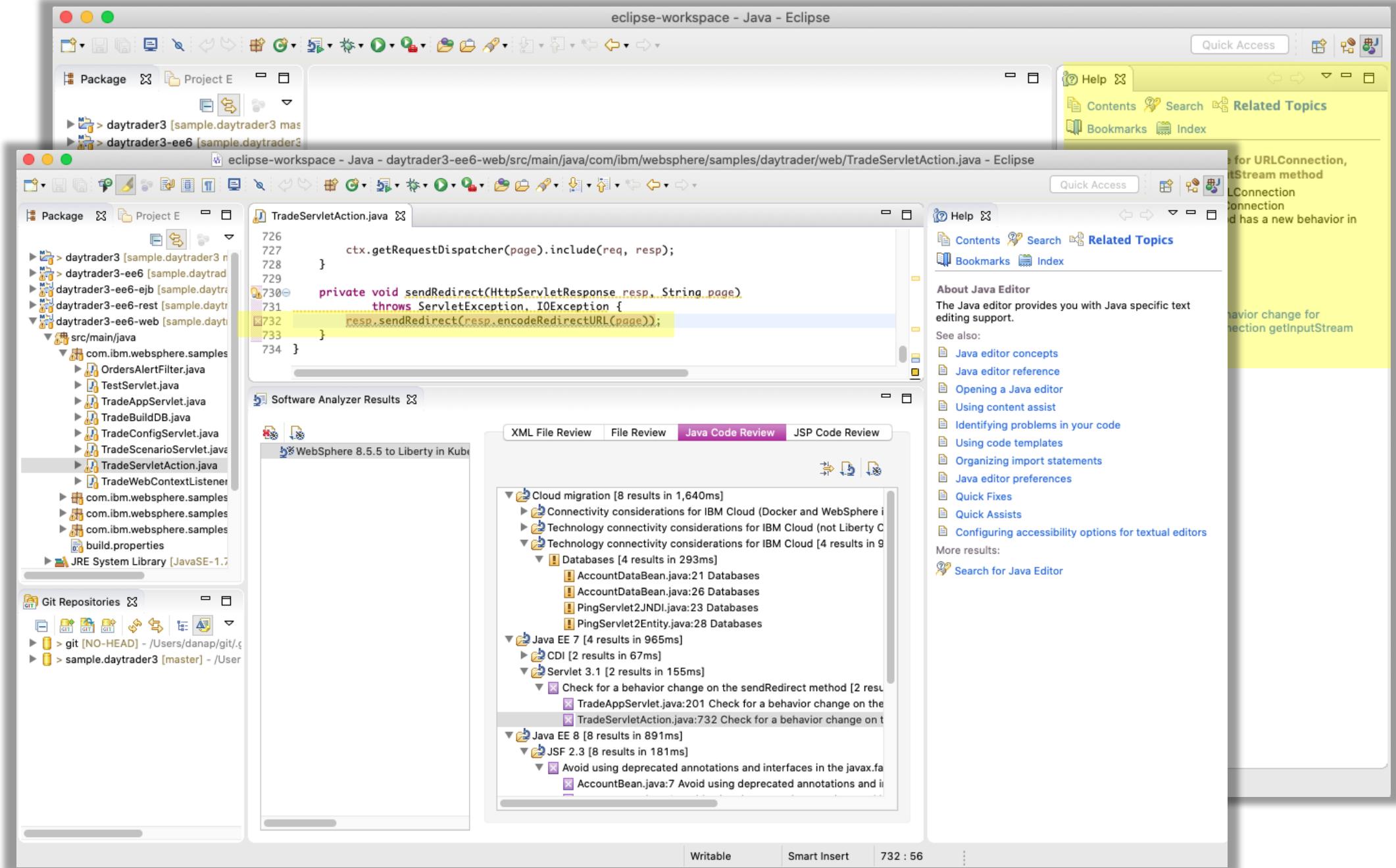
Setup Source and Target for Analysis



Save that Configuration and Run It!



Remedy Issues



Learn More

<https://www.ibm.com/demos/collection/IBM-Cloud-Pak-for-Applications/>

The screenshot shows the IBM Cloud Pak for Applications landing page. At the top, there's a navigation bar with the IBM logo, a user icon, and a menu icon. Below the header, the title "Cloud Pak for Applications" is displayed in large blue text. A sub-header below it states: "Cloud Pak for Applications is an integrated solution that helps to modernize your applications to cloud native deployments under an offering with flexible entitlement". The main content area contains a paragraph about how Cloud Pak for Applications combines application modernization and cloud native application development. To the right of this text are two blue links: "Product Tours ↓" and "Hands-on Labs ↓". Below this, there are six cards arranged in a grid, each representing a different use case:

- Cloud Enabled Use Case: How to Move an Existing WebSphere Workload to Cloud Using IBM WAS VM Quickstarter
- Cloud Enabled Use Case: Evaluate an on-prem WebSphere application for migration
- Cloud Enabled Use Case: How to Deploy Your Traditional WAS App to WAS on IBM Cloud Private using WAS Helm Chart
- Cloud Enabled Use Case: Introduction to Analyzing Enterprise Applications
- Cloud Native Use Case: Create and Deploy a Cloud Native App to OpenShift with Kabanero
- Deploy IBM Cloud Pak for Applications on Managed OpenShift on IBM Cloud

Hands-on Labs for Cloud Pak for Applications

Cloud Enabled Use Case: App Modernization Journey Part 1 - Evaluation

This is Part 1 of the App Modernization Journey lab series. It will walk you through the process to evaluate the existing Java application using IBM Cloud Transformation Advisor. The lab duration is about 45 minutes.

⌚ 45 minutes

Cloud Native Use Case: Open Liberty Guides

The Open Liberty guides are the best way to learn and explore Open Liberty.

⌚ 10 minutes

DevOps Use Case: Deploy a Cloud Native Application with the IBM Integrated DevOps Pipeline

This lab teaches you how to create a cloud native application and deploy it to a Kubernetes cluster through an integrated DevOps pipeline. The duration of this lab is about 60 minutes.

⌚ 60 minutes

Multi-Cloud Management Use Case: Application Navigator Introduction

This lab walks you through the process to use the IBM Application Navigator tool to manage your cloud native and hybrid applications, across both cloud and traditional platforms. The duration of this lab is about 45 minutes.

⌚ 45 minutes