Kofax Kapow 10.3 Training and Certification
Module 2 – Product Overview

What is Kofax Kapow?

Kofax Kapow 10.3 – Product Overview

- What is Kofax Kapow?
- What is a Kapow Robot
  - Swivel-chair automation
- Kapow Components
  - RoboServer
  - Management Console
  - Kappzone
  - Design Studio
  - Development Database
  - Device (Desktop) Automation Service
- Synthetic API
- Kapow Project Structure
- Kapow Robots
- Solutions
- How Kapow Might Fit with other Kofax Products
- What's New in Kofax Kapow 10.3
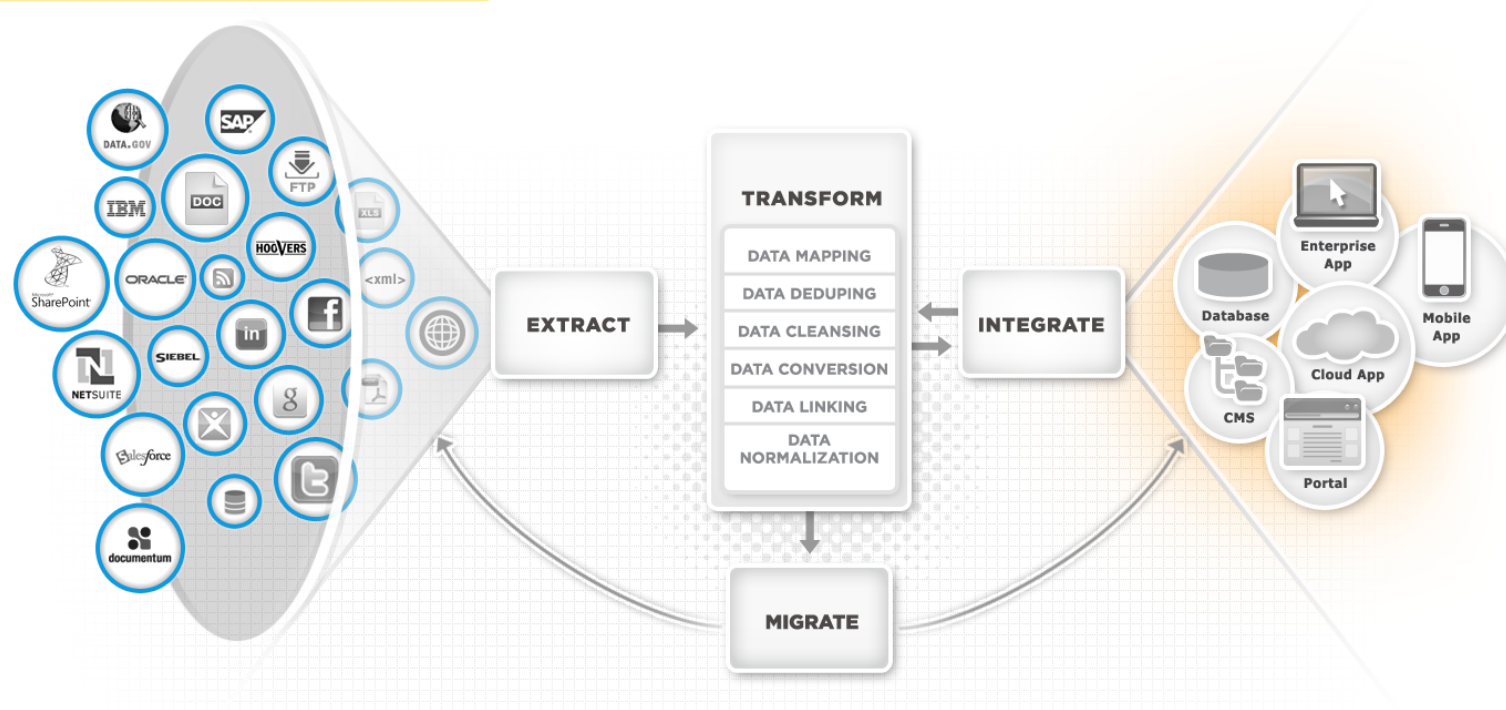
Kofax Kapow

What is Kofax Kapow

What does it do?

What is a Kapow Robot?

What is Kapow? What Does It Do?

KOFAX KAPOW GIVES YOU AGILE INTEGRATION…

Through *Robotic Process Automation*, Kofax Kapow provides automated integration of structured and unstructured data from almost any data source including web interfaces, databases, spreadsheets, desktop applications and others.

What is a Kapow Robot?

  ◆ A Robot automates a user-task or data integration workflow

Manual Search, Copy, (Sometimes Transform) and Paste
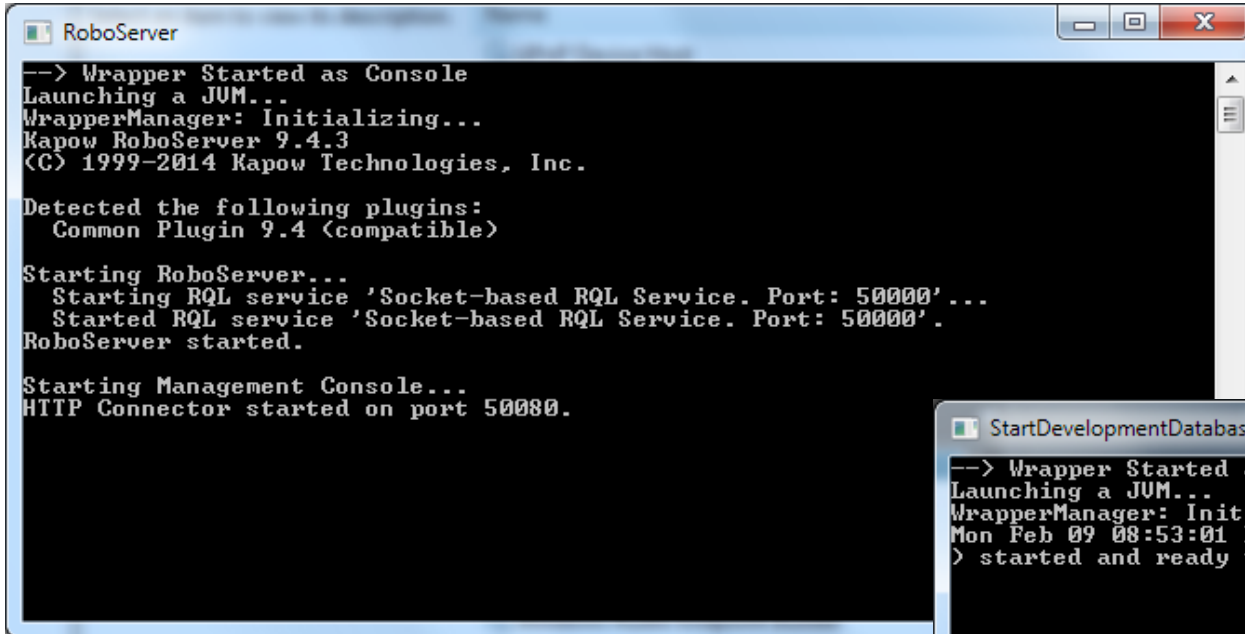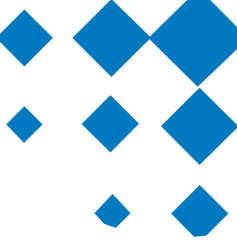
Also known as swivel chair automation

Kofax Kapow Components

Kapow Components

- RoboServer(s)
  - Must be running to run robots and launch the Management Console

- Management Console
  - Provides a user interface to schedule Robots, manage databases, create and manage clusters, monitor performance metrics and more
  - Uses a web-based interface
  - Provides required licensing

- Design Studio
  - Provides user interface to create Projects and their components as well as create, test and debug Robots

- Development Database
  - Apache Derby Database Included with product (intended to be used only for training and testing)

- Kappzone
  - Create and run Kapplets which are user-friendly interfaces used to run Robots

- Device Automation Agent
  - A separate component that installs on remote machines that provides robots the ability to automatically launch applications and perform tasks on those machines

RoboServer, Management Console and Development Database

```
RoboServer                                          [_] [□] [x]

--> Wrapper Started as Console
Launching a JVM...
WrapperManager: Initializing...
Kapow RoboServer 9.4.3
(C) 1999-2014 Kapow Technologies, Inc.

Detected the following plugins:
  Common Plugin 9.4 (compatible)

Starting RoboServer...
  Starting RQL service 'Socket-based RQL Service. Port: 50000'...
  Started RQL service 'Socket-based RQL Service. Port: 50000'.
RoboServer started.

Starting Management Console...
HTTP Connector started on port 50080.
```
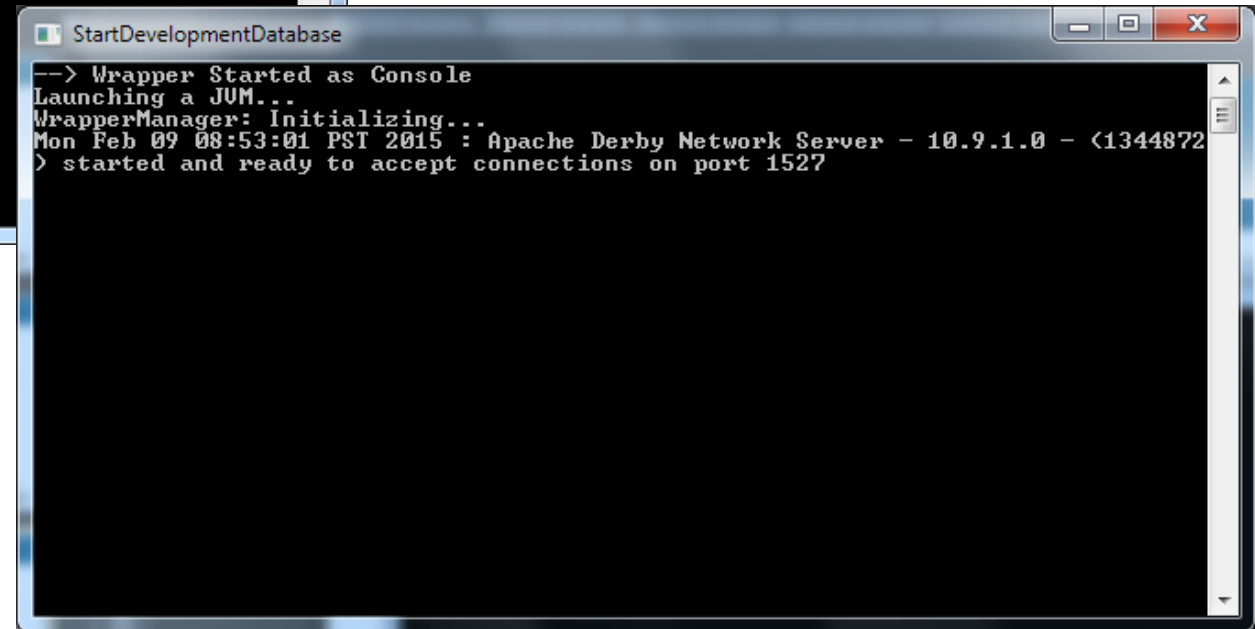
The Management Console must be started first (launched here along with RoboServer) before you can launch Design Studio or the Management Console

```
StartDevelopmentDatabase                            [_] [□] [x]

--> Wrapper Started as Console
Launching a JVM...
WrapperManager: Initializing...
Mon Feb 09 08:53:01 PST 2015 : Apache Derby Network Server - 10.9.1.0 - (1344872
> started and ready to accept connections on port 1527
```

Kofax Kapow includes an Apache Derby Development Database, also launched in a command window.

NOTE: Leave these two windows open (but you can minimize them).

Management Console
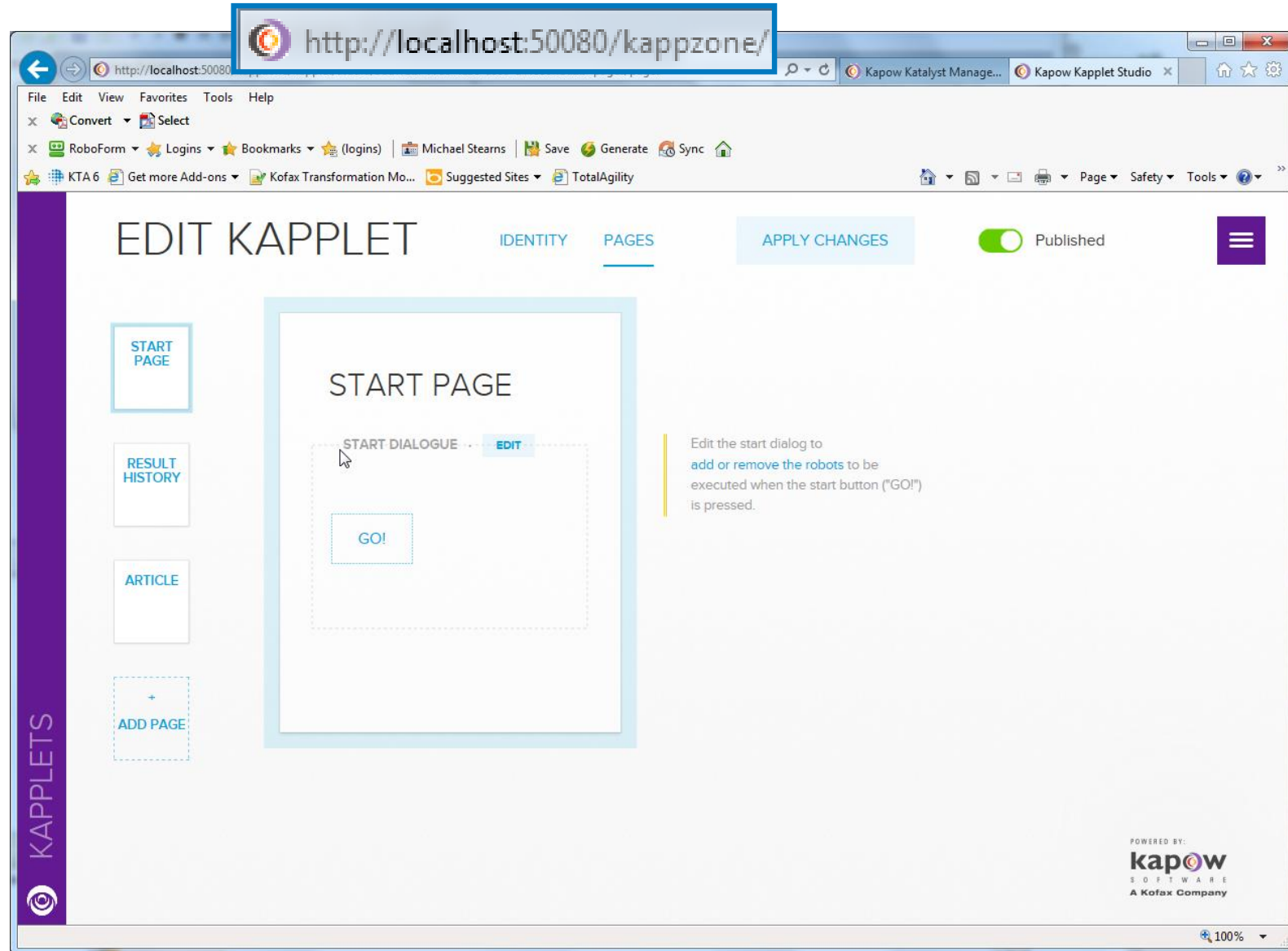
You access the Management Console in your Web Browser

Kappzone

…and from there, you can open Kappzone, where you can create and edit Kapplets.

Kapplets are small applications that users may run with a simple mouse click to run a robot.

Design Studio

Design Studio is where you create and debug robots.

In Kapow, robots are used to automate processes that can be performed in a web browser. Robots can mimic and automate any set of mouse and keyboard instructions that you would otherwise have to perform manually.

Kapow Projects and Solutions

Project structure

Robot usage and deployment

Kapow solutions

Kapow Project Structure

- Project

  - Library

    - **Types**: Contain Attributes, named instances of the data type the robot will return

    - **Robots**: Automated steps to find and return the data you want to get

    - **Snippets**: A piece of a robot that's been saved for reuse by other robots

    - **Databases**: May be used by robots for input/output

    - **Devices**: Mapped remote computers running specific desktop applications and tasks

In Design Studio

Windows Explorer Folder Structure

A structure like this is considered a best practice.
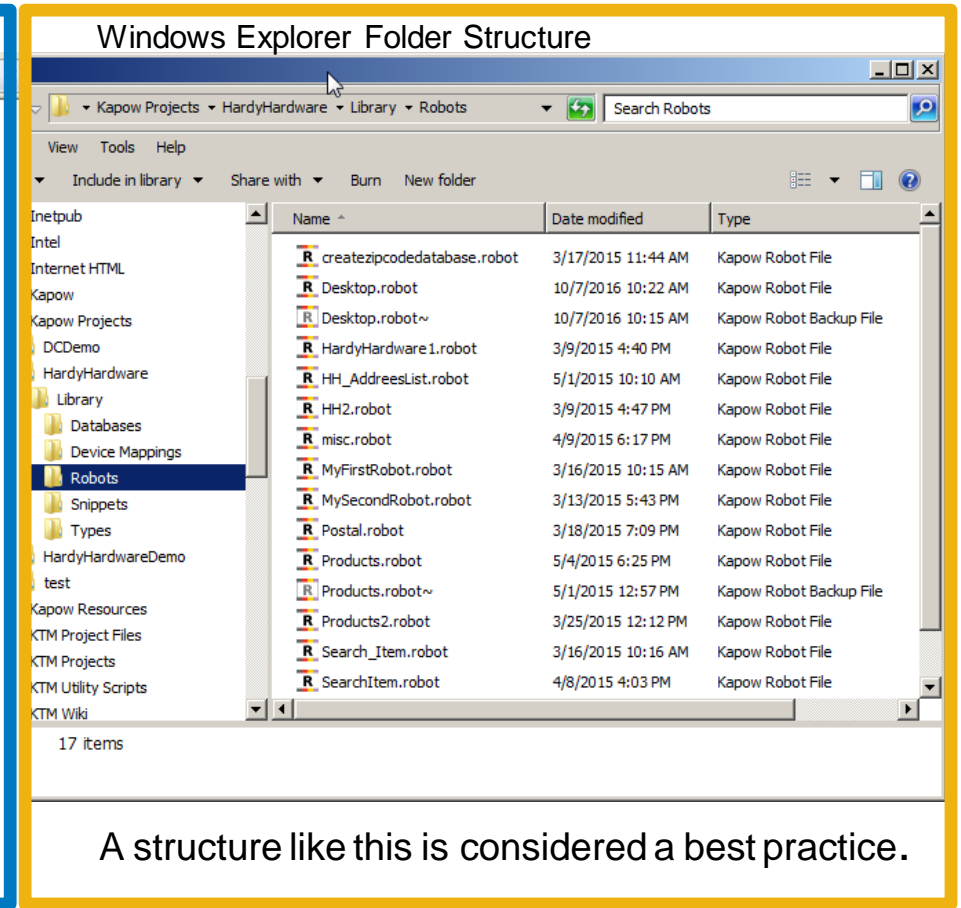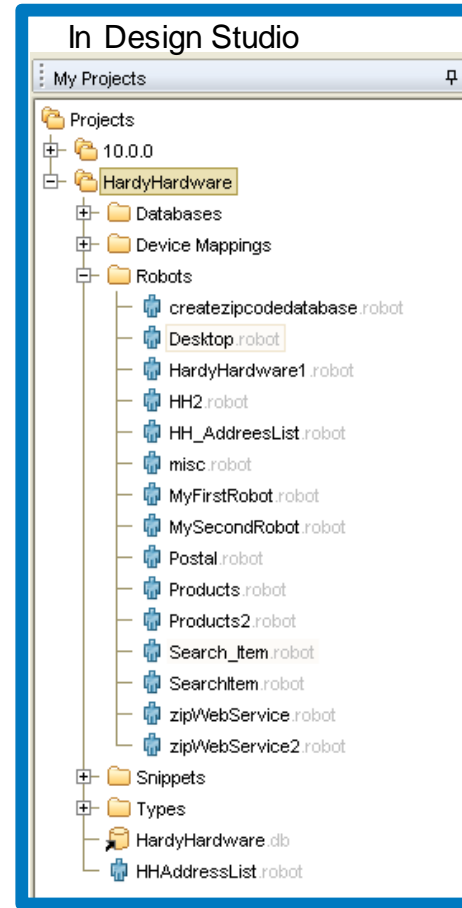
Kapow Robots – Flexible Enough to Meet the Needs of Your Use Case
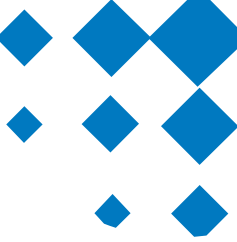
- Usage
  - Use like a service (realtime integration – using a synthetic API)
  - Use for data collection (like a batch job)
  - Kapplets (provide individual user interaction)
- Execution
  - In Design Studio: Step through manually or run in Debug mode
  - In Management Console: Manually, scheduled or deploy Kapplets or as a service using...
    - API
    - REST/SOAP, .NET/Java
- Deployment
  - Repository Library in the Management Console
  - Disk Library with a set of robots

Synthetic API

◆ Where no APIs exist for an application, or when existing APIs don't provide the full scope of functions needed, Kapow offers an agile, practical and non-intrusive integration solution using web-based interfaces. We call this a synthetic API.

Kofax Kapow

(Web-based interface)

Synthetic API

Traditional API

HTML	Style & Layout	Presentation Layer
	Forms and Data	Presentation Logic
	API	Application Logic
	Database	Data Layer
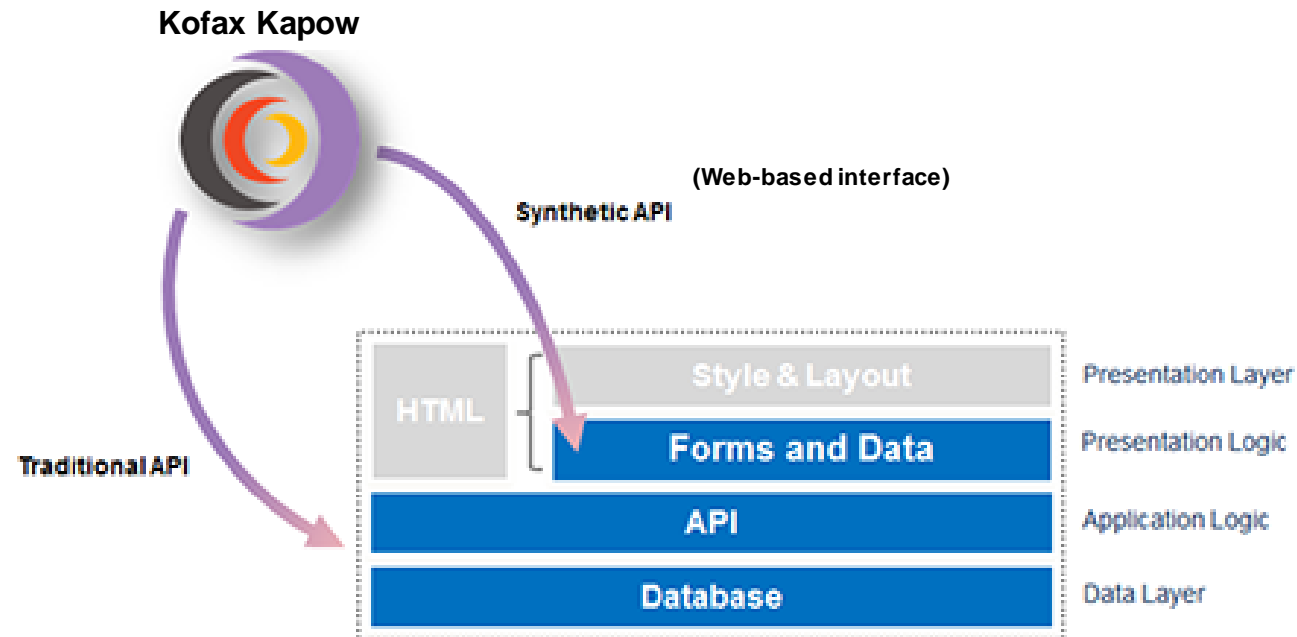
Kapow Solutions

- ◆ **Market Intelligence**
  - ◆ Competitive Pricing
  - ◆ Social Media and Brand Monitoring
  - ◆ Financial Research
  - ◆ Open Source Intelligence
  - ◆ Fraud Detection
- ◆ **Ecosystem Automation**
  - ◆ Logistics Integration
  - ◆ Partner Integration
  - ◆ Customer Integration
  - ◆ Talent Management

Kapow Solutions (cont.)

- **Content Integration**
  - Content Migration
  - Enterprise Search
  - Legacy Application Integration

- **Device Automation**
  - Windows Applications
  - Java Applications
  - Terminal Emulation (IBM 3270, AS400, etc.)
 - SAP

How Kapow Might Fit Into Your Other Kofax Solutions

- Gathering data that will feed into your business processes using Kofax TotalAgility

- Supplementing information extracted from paper and electronic documents using your Kofax Capture or KTM solutions

- Used to provide data for Kofax Insight dashboards

- Providing data used in a Mobile Capture solution

What's New in Kofax Kapow 10.3

New Feature Overview

What's New in Kofax Kapow 10.3
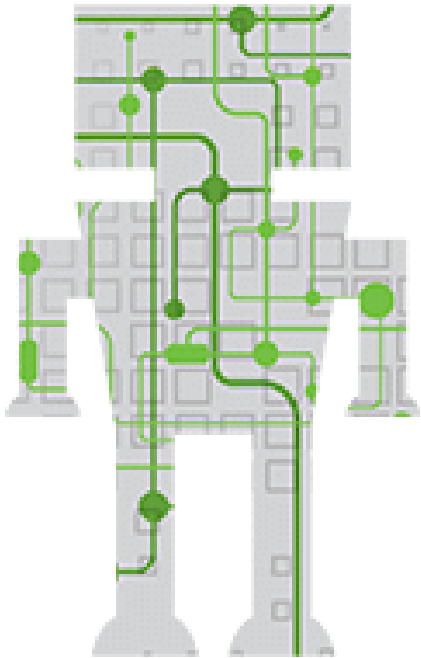
Attended Automation

Intelligent Screen Automation

New License Management

Localization Framework

Enterprise Deployment

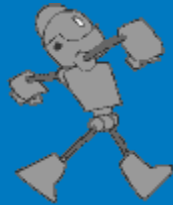Embedded Chromium Browser

White Labeling

User Experience Improvements

Demonstration

Kofax Kapow in action