

**RADS**

# Introduction to RADS

<https://github.com/radservice/rad-community/fork>

# Prerequisites

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- Good understanding on how to operate a computer as an end user.

# Introducing the Introduction

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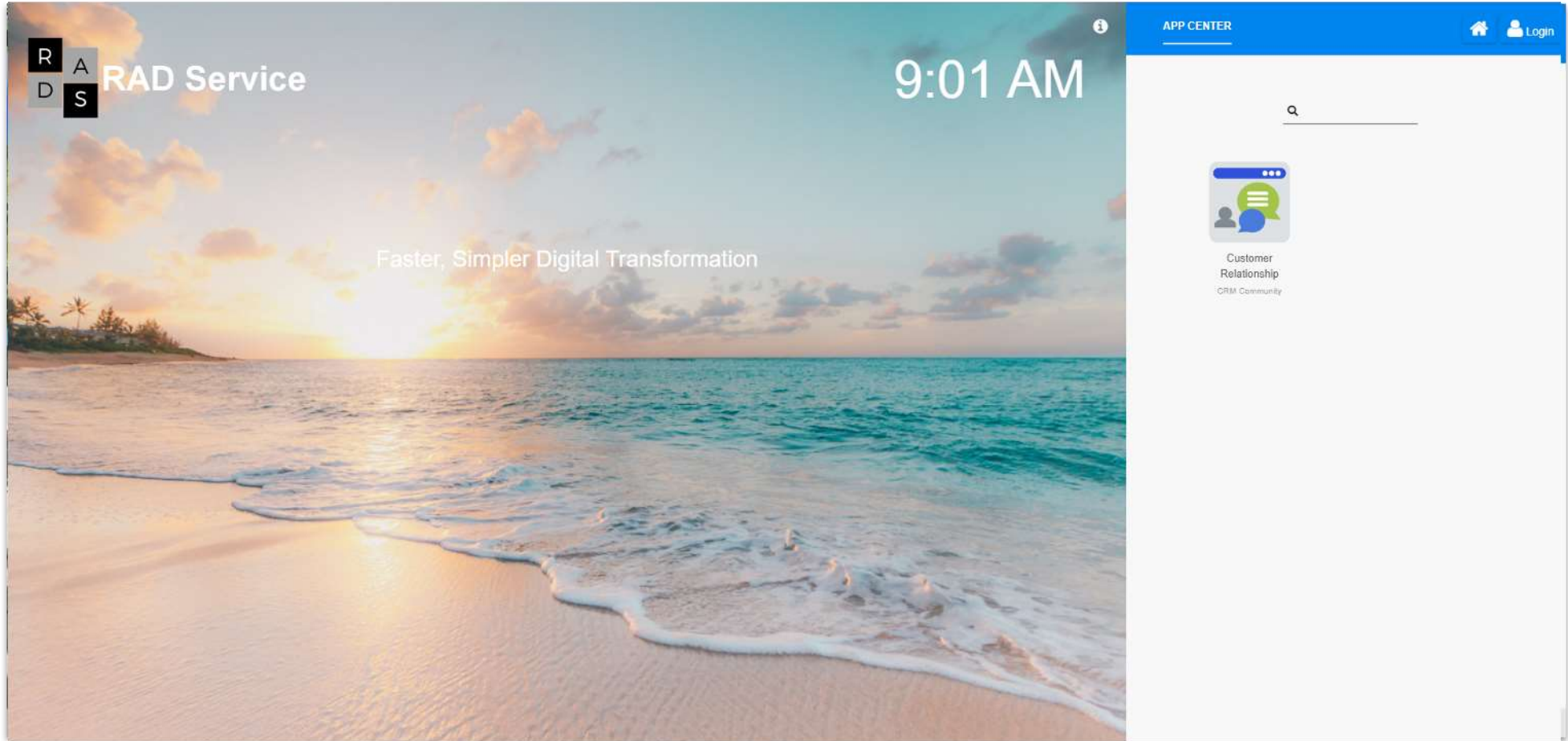
- Who is your coach?
- Who are you?
- What is your program's coverage?
- What is the timeline like?
- Who is sitting beside you?

# RADS is...

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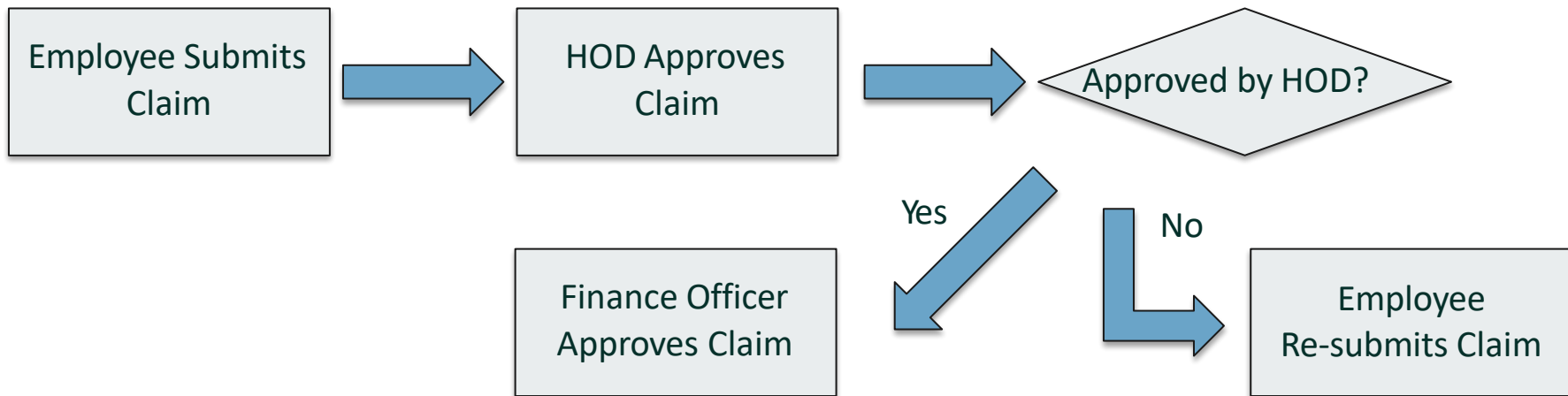
- RADS is an application development platform to easily build Enterprise web applications for cloud and mobile.
- Build full-fledged apps, e.g. CRM, HR, Healthcare, etc.
- Drag and drop forms, lists, and UI elements.
- Add workflows to automate processes.
- Extend via plugins.
- Apps are mobile optimized and cloud ready.
- Download ready-made apps from the RADS Marketplace.

# Introduction to RADS



# What is a Business Process?

- Collection of related, structured **activities or tasks** that serve a specific **business goal**.
- Often can be visualized with a **flow chart**.



# What is a Workflow?

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- **Automation** of a business process.
- Consists of:
  - Sequence of connected steps.
  - Each step is declared as work of a person, group of persons, an organization, or one or more mechanisms.
- 4 types of possible interactions or transitions:
  - Human-to-human.
  - Human-to-machine.
  - Machine-to-machine.
  - Machine-to-human.

# Why Workflow?

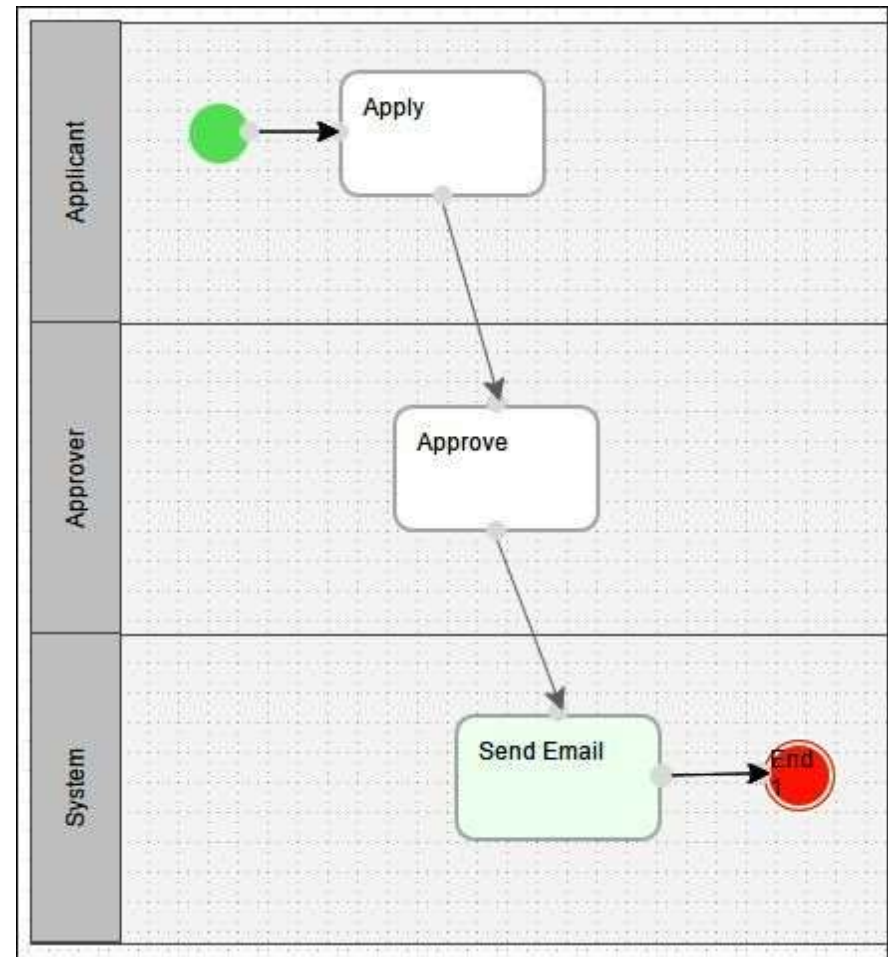
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- **Improved Efficiency and Productivity**
  - automation of business processes results in the elimination of many unnecessary or manual steps.
- **Improved Process Control**
  - improved management of business processes achieved through standardizing working methods and the availability of audit trails.
- **Focus on Business Needs**
  - software control over processes enables their redesign in line with changing business needs.
- **Business Process Improvement**
  - focus on business processes leads to their streamlining and simplification.
- **Critical for work efficiency improvements in organizations**
- **Pivotal element that coordinates information movement**



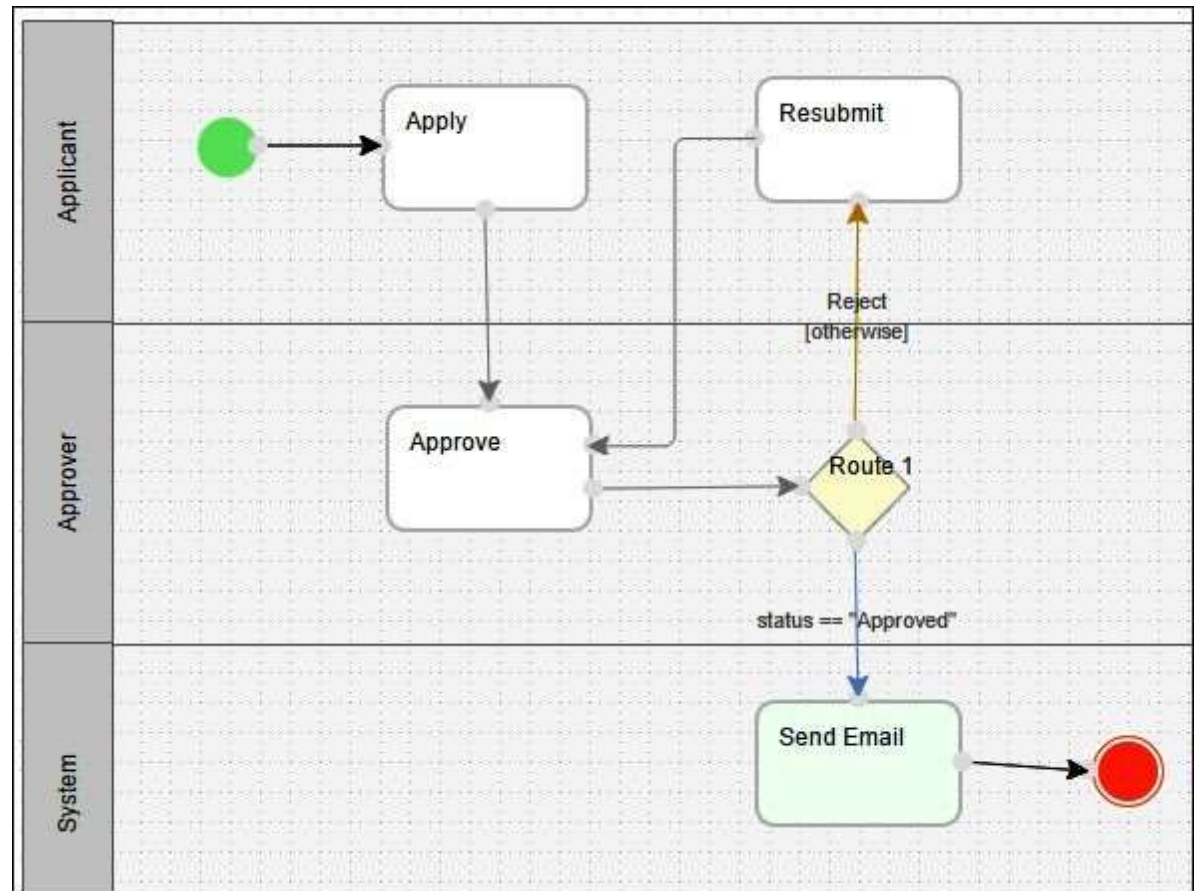
# A Simple Workflow

- Applicant applies, approver approves, email notification sent out.



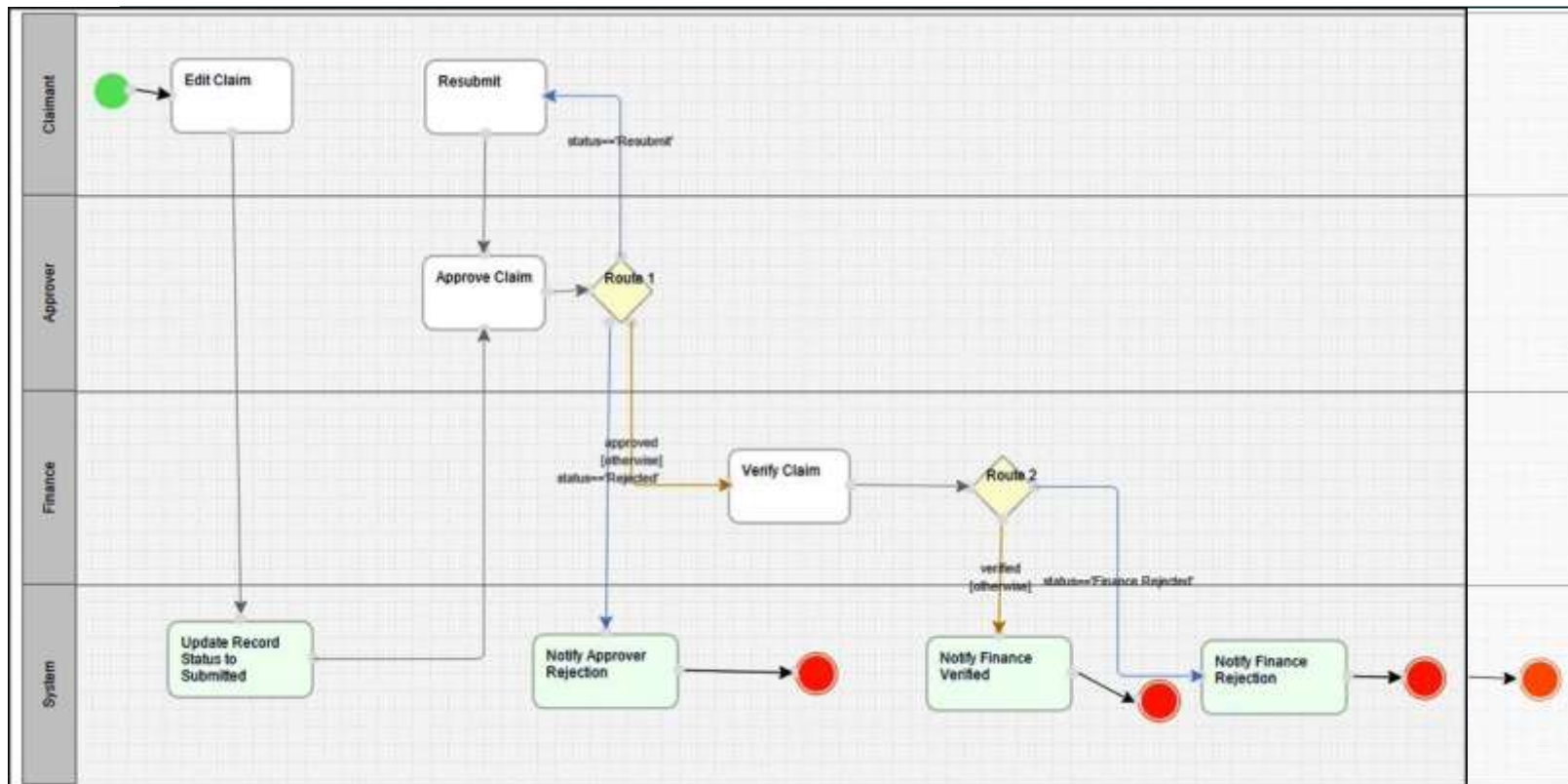
# Expanding the Simple Workflow

- What happens if the application needs clarification?



# Expanding the Simple Workflow

- More considerations e.g: escalation, integration, second level approval etc.



# RADS

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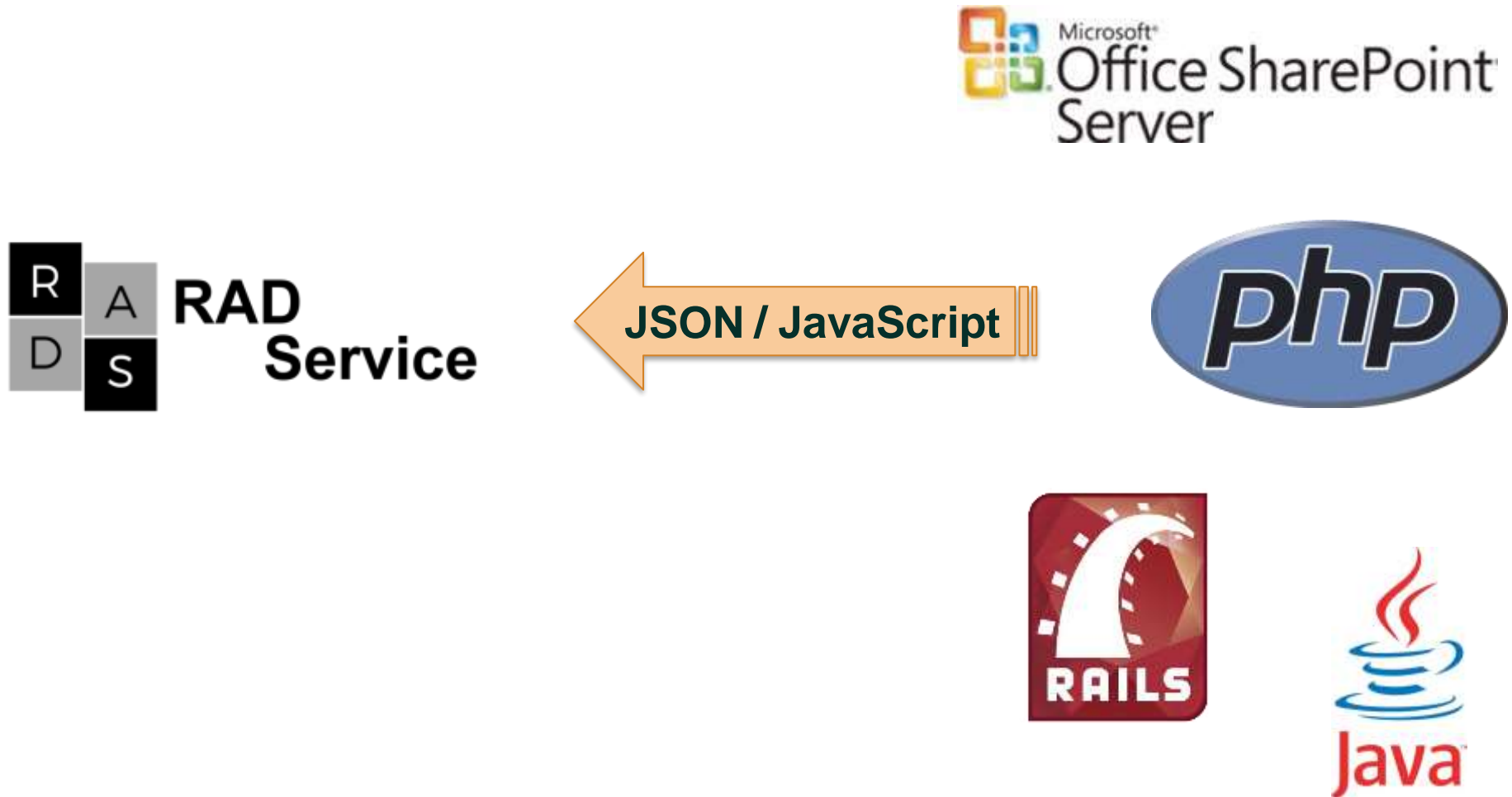
- Serves as a platform for users to design, deploy, run, and monitor workflow applications for their organization's business processes.
- Bridges the gap between business and IT.
- Common language to model business processes. Quick design, exchange and improvements.
- Quick change management, implementation, re-training, and adjustment.

# But, It's Not Just Workflow!

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- RADS is **NOT** just about Workflow.
- One may build a RADS app without any workflow element in it!
- Examples:-
  - Feedback application that merely collects user input.
  - CRM application that collects customer, and relationship data.

# Supports Integration with External Systems



# Recommended Further Learning

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- Setting up RADS

# Stay Connected with RADS

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- [rads.purwana.net](https://rads.purwana.net)
- <https://github.com/radservice/rad-community>