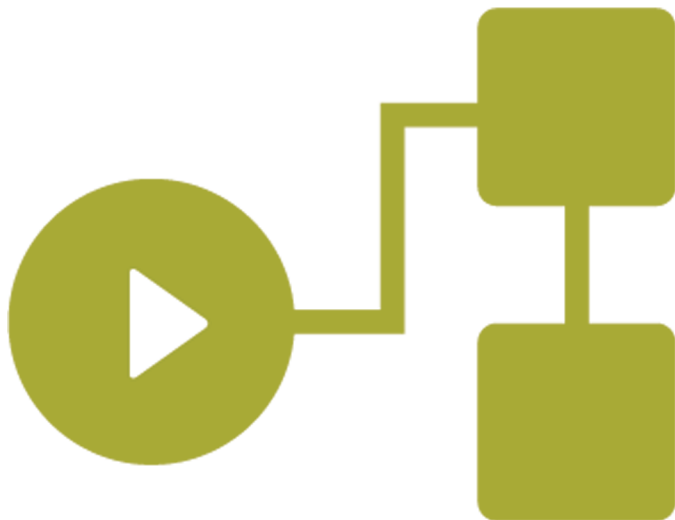# K2

BUILD AND RUN

BUSINESS

APPLICATIONS

FORMS | WORKFLOW | DATA | REPORTS

Automated workflows drive action, ensure consistency and increase visibility by connecting your people with relevant tasks and information.

K2 provides a robust workflow engine, design tools that cut complexity, reusable components and timesaving features.

WORKFLOW

Deliver outcomes.

WORKFLOW

Deliver outcomes.

K2 comes with an extensive feature set to help you create workflows. From basic task routing to complex solutions with policies, rules, escalations and exception handling, it's all here. And it's easier than you might expect.

Deliver workflows to the enterprise.

Scale to fit.

Go big or go small. K2 workflows can be set up to manage departmental processes (then grow, if necessary) or built to span the largest enterprises and process volume.

GetCellWithInput (Location, Sheet Name, Input Range, Input Value, Output Cell, Raw ...

Configure Function

▸ Function Name: Get tax rate from Excel

Return Type: Text

Design Time Value:

Name	Type	Value
Location	Text	http://portal.denallix.com/Finance/Shared Documents
Sheet Name	Text	Region
Input Range	Text	G4
Input Value	Any Type	Region
Output Cell	Text	H4

Search

Context Browser

- Date and Time
- ☐ Excel
  - X Get Cell With Input(Lo
  - X Get Cell(Location, She
  - X Get Range With Input(
  - X Get Range(Location, S
- ⊞ InfoPath
- ⊞ Lists
- ⊞ Logical
- ⊞ Mathematical
- ⊞ Regular Expressions
- ⊞ Text
- ⊞ Word
- ⊞ Reference Fields

OK   Cancel
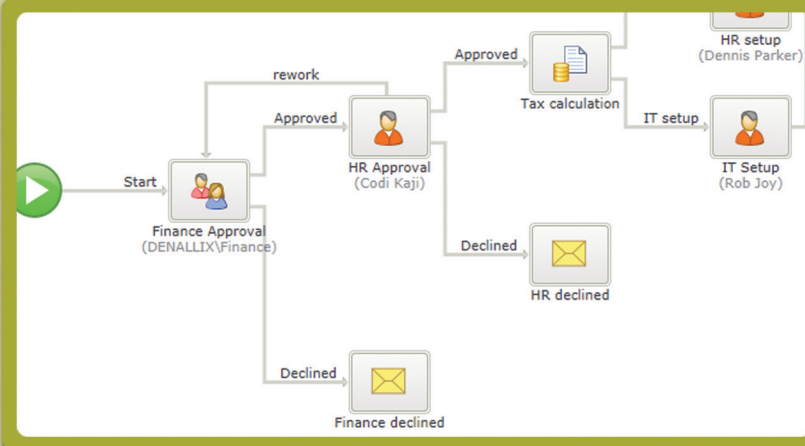
Delete customer1   Back

K2 workflows are declarative (like everything in K2). That means designs are interpreted when the workflow is run. No more waiting for an application to compile and deploy. Your changes are live as soon as you make them.

Stay flexible.

Intuitively design workflows.

K2° DESIGNER   Welcome Denallix Administrat

K2 Designer

Search:

- ☐ K2 Designer
  - ⊞ My Items
  - ☐ All Items
    - ⊞ Active Directory
    - ⊞ AdventureWorks2012 on DLX
    - ⊞ Denallix
    - ☐ Denallix Employee Onboarding
      - ☐ Forms
        - Benefits setup
        - Create new employee
        - HR approval
        - IT Setup
        - New employee onboarding
        - test
      - ⊞ SmartObjects
      - ⊞ Views
    - ⊞ Denallix leave requests
    - ⊞ Exchange
    - ⊞ portal.denallix.com
    - ⊞ Sample K2 SmartObjects
    - ⊞ Sample leave requests
    - ⊞ Task Allocation
    - ⊞ Workflow
    - ⊞ Workflow Notifications
    - ⊞ Workflow Reports

Show: (All)

File ▾   Workflow Steps   SmartObjects   Workflow Templates   Favorites

General

K2 provides design environments that are fine-tuned to your work style. Whether you prefer a browser, Visual Studio or desktop tools, we ensure you have what you need to build something great.

Start

Finance Approval
(DENALLIX\Finance)

rework

Approved

HR Approval
(Codi Kaji)

Approved

Tax calculation

HR setup
(Dennis Parker)

IT setup

IT Setup
(Rob Joy)

complete
complete

Onboarding complete

Declined

HR declined

Declined

Finance declined

WORKFLOW FEATURES

DESIGN
- Multiple drag-and-drop design environments including browser, Visual Studio and desktop-based tools
- Collaborate by sharing designs across K2 design environments
- Quickly assemble apps with an extensive list of out-of-the-box events and tasks
- Extend any K2 designer to include domain-specific functions and steps
- Save workflow steps as a template that can be reused across applications
- Start process instances based on events that occur in a line-of-business system or application, upon receipt of a form, email or document
- Start a process as part of a step in another workflow
- Schedule recurring processes

BUSINESS LOGIC
- Use advanced routing to include rework, parallel, sequential or conditional routing
- Escalations, including email, "go-to" and custom escalations, can be added to any user task
- Use K2's extensive list of Inline Functions to include calculations and formatting
- Save the configuration of commonly used functions for reuse across applications

INTEGRATION
- Use K2 SmartObjects to integrate workflows with any line-of-business system
- Out-of-the-box wizards for Active Directory and Exchange to create and manage user and email accounts
- Out-of-the-box wizards that integrate with Microsoft Dynamics CRM
- Build applications that interact with almost any SharePoint asset including lists, documents, libraries, forms and site collections – both on-premise and in the cloud and across multiple versions of SharePoint
- Out-of-the-box document management capabilities to create and update Microsoft Word documents and automatically generate PDFs using workflow and data

TASK MANAGEMENT
- Provide users with a single view of assigned tasks with the K2 Worklist, a personalized, global to-do list
- Tasks can be searched and filtered based on user-defined criteria
- Respond to tasks using a mobile worklist, forms or email
- Allow users to redirect or delegate tasks to other users
- Out-of-office functionality allows users to assign an alternate user to receive all tasks
- Set working hours and time zones for task routing and task notifications
- Assign tasks to multiple people, groups, roles or based on rules in the workflow
- Automatically notify users when they have been assigned a new task

ADMINISTRATION
- Manage application deployment across multiple environments
- Process approval allows administrators to approve workflows before deployment
- Keep track of all deployed versions of a workflow and roll back if errors occur
- Error handling including retry, integration with Visual Studio debugging, process instance modification and notifications
- Update running process instances
- Set security at the workflow, event or action level
- Authentication mechanisms include Kerberos, claims-based authentication, Windows authentication and other custom authentication providers

WORKFLOW
Deliver outcomes.

K2.COM