

# Basic Appian Knowledge

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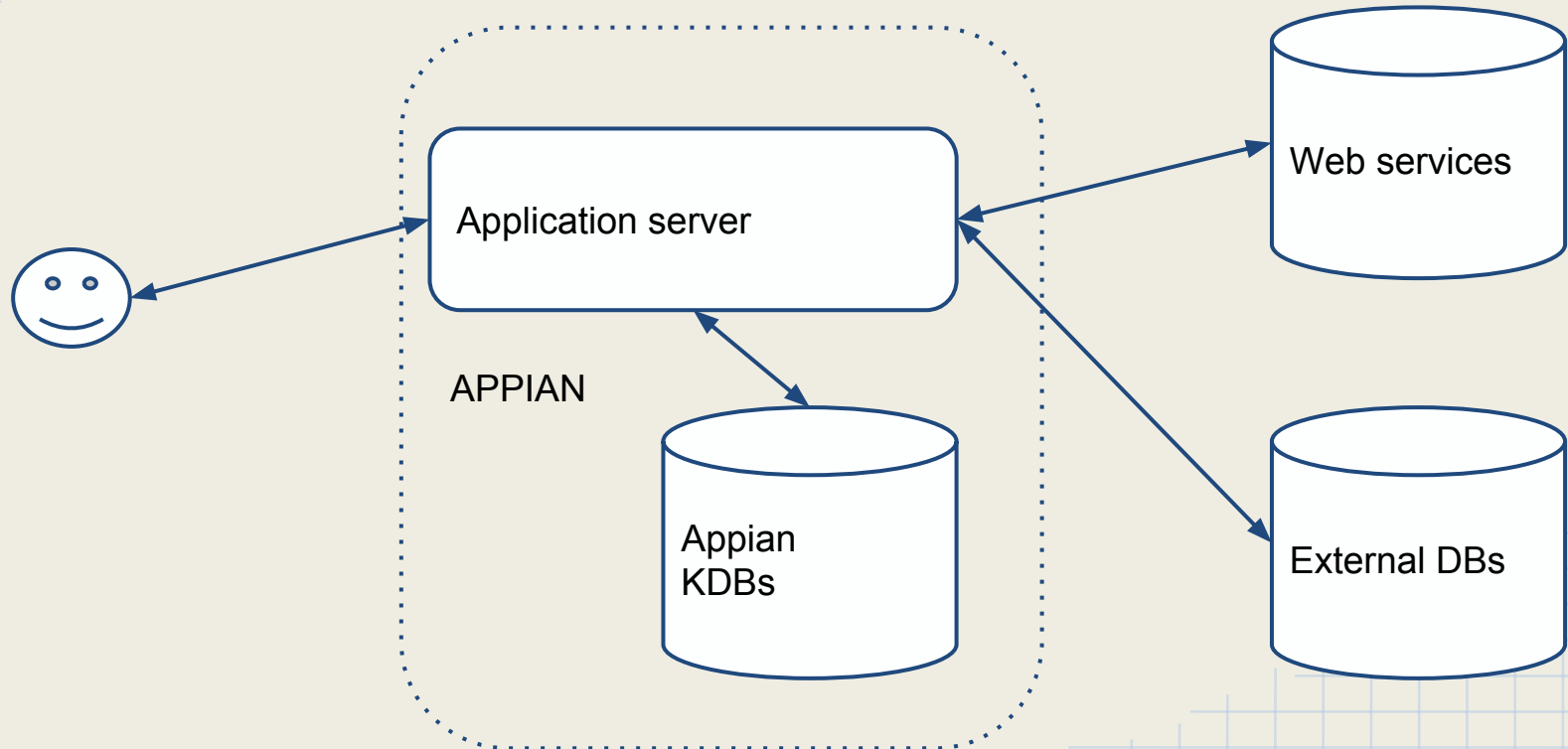
# What is Appian

- Business Process Management Platform ([http://en.wikipedia.org/wiki/Business\\_Process\\_Management](http://en.wikipedia.org/wiki/Business_Process_Management))
- Web application
- In-Memory database - appian services
- Process Modelling through a BPMN GUI ([http://en.wikipedia.org/wiki/Business\\_Process\\_Model\\_and\\_Notation](http://en.wikipedia.org/wiki/Business_Process_Model_and_Notation))
- Form design through a GUI
- Easy process monitoring
- Quick implementation of new Business Processes

# Appian Forum & Documentation

- BPM tutorial from Appian: <http://www.appian.com/bpmbasics/>
- <https://forum.appian.com/>
  - Login with credentials from Appian
- Appian 7.1 docs: <https://forum.appian.com/suite/wiki/71/>
  - [https://forum.appian.com/suite/wiki/71/End\\_User\\_Guide](https://forum.appian.com/suite/wiki/71/End_User_Guide)
  - [https://forum.appian.com/suite/wiki/71/Designer\\_Guide](https://forum.appian.com/suite/wiki/71/Designer_Guide)
  - [https://forum.appian.com/suite/wiki/71/Web\\_Administrator\\_Guide](https://forum.appian.com/suite/wiki/71/Web_Administrator_Guide)
  - [https://forum.appian.com/suite/wiki/71/Developer\\_Guide](https://forum.appian.com/suite/wiki/71/Developer_Guide)
  - [https://forum.appian.com/suite/wiki/71/Server\\_Administrator\\_Guide](https://forum.appian.com/suite/wiki/71/Server_Administrator_Guide)

# Architecture



# Appian Engines / App server

- Real-Time-In Memory Databases
- KDB files
- Synchronous Transaction Logs
- Checkpointing
- 16 Engines
  - Process Execution 1-3, Process Analytics 1-3, Process Design, Portal, Content, Personalization, Channels, Metadata, Collaboration, Forums, Email notifications, Portal Notifications
- Appian suite
- OSGI container - plugins
- JMS
- Email poller
- Spring security

# apps

- Main user interface
- Tasks
- Notifications
- Applications
  - Pages
    - Channels
      - Process Launchers
      - Reports
      - Links

# designer

- Main interface for process designers / administrators
- Process design
- Process monitoring
- Process editing
- User management
- Document management

# Users & Groups

- Users
  - Basic
  - Administrators
  - User Fields
- Groups
  - Custom Groups
    - Departments
  - Teams



# Some terminology

- Process model
- Process (instance)
- Process Parameter
- Process Variable
  - CDTs
- Process Start Form
- Report
- Node
  - Activity
    - User Task
      - Assignee / Owner
    - Script Task
    - Subprocess
    - Smart Node
  - Event
    - Start / End
    - Send / Receive message
    - Rule
    - Timer
  - Gateway

# Monitoring & Editing Processes

