

# JFire – Open Source RCP based ERP Framework

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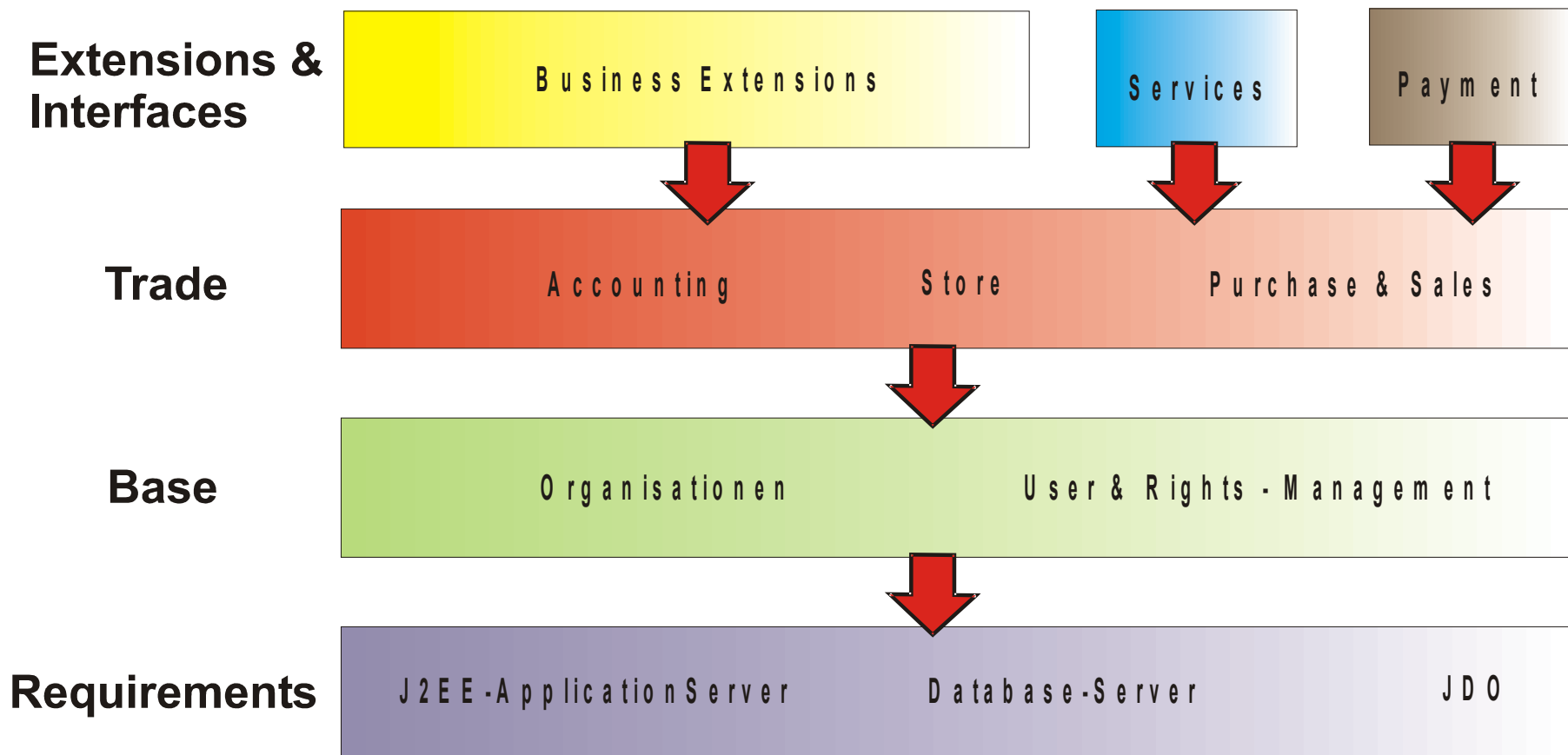
# Outline

- JFire
  - Project scope and goals
  - Architecture
- Modules
  - Base
  - Trade
- Extensions
  - SimpleTrade
  - Ipanema - Ticketing

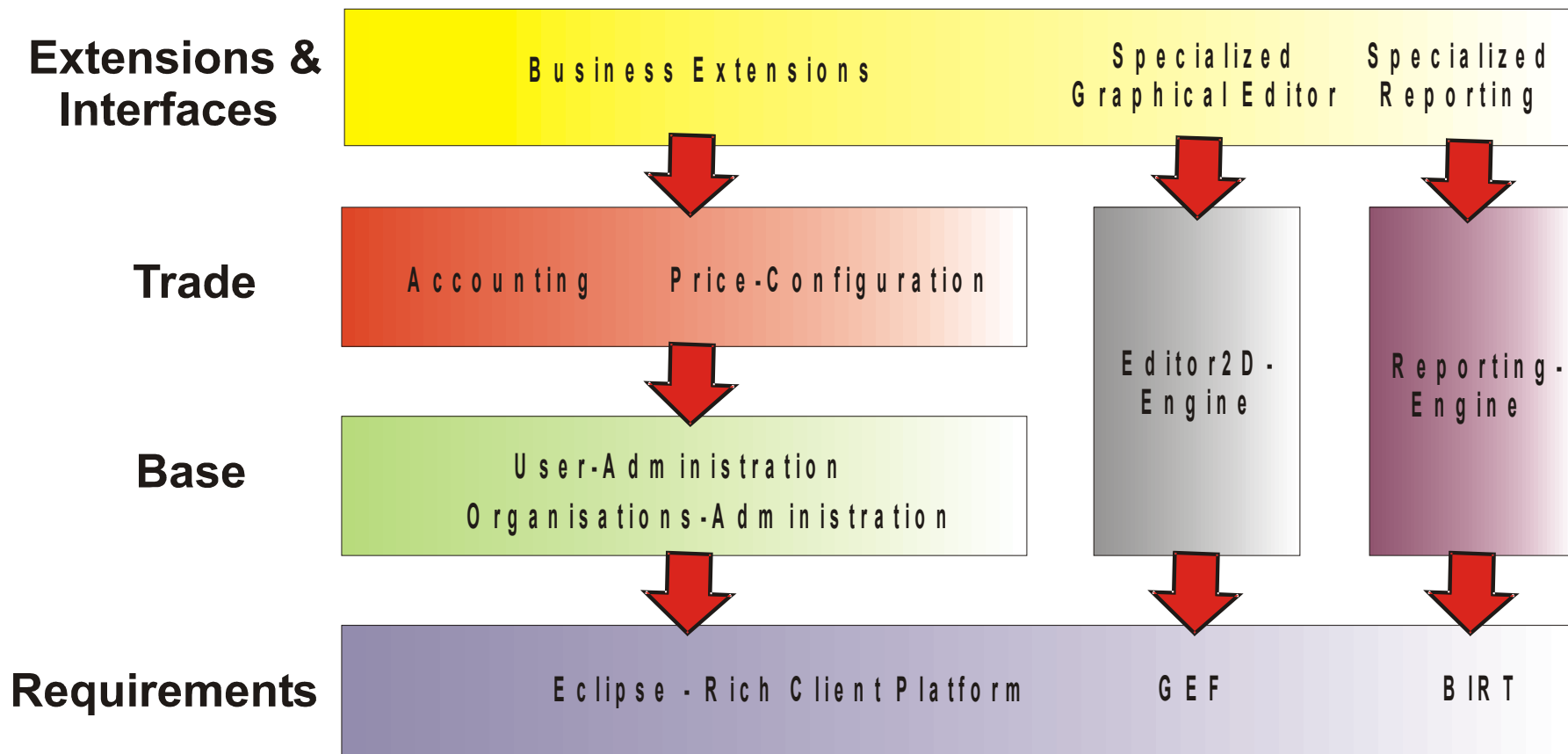
## JFire – ERP framework

- ERP framework addressing the developer community
- Distributed trading system
- Based on standard technologies (J2EE, JDO, Eclipse RCP)
- Modular architecture
- Provides the common basis for business sector specialized extensions
  - Organization / User / Rights management
  - Store / Product management
  - Accounting & Finance
- Project status: pre-alpha

# Architecture - Serverside



# Architecture - Clientside



# JFireBase

- J2EE Extensions
  - Multi-Server architecture
  - Organisations
  - Users
  - Authentication (Cascaded) / Authorisation
  
- RCP Extensions
  - Basic client components
  - Control of all features the (JFireBase-)backend provides
  - Clientside JDO–Object cache

# JFireTrade

- The common base for a distributed trading application
  
- Store
  - ProductTypes and Products
  
- Trade
  - Customers
  - Price configuration
  - Order, Offers, Invoices
  - Payments, Deliveries
  
- Accounting
  - Accounts
  - Transfers
  - Moneyflow

## Other free modules of JFire

- JFireReporting
  - Integration of BIRT based reporting into the JFire suite
  - Use of BIRT designer with connection to JFire JDO-datastore
- JFireScripting
  - Script management and execution
- JFireGeography
  - OpenGeoDB based Java model for geographical coordinates
- NightLabsEditor2D
  - 2D Graphics Data Model (used for seating plans, ticket-layouts)
  - GEF – based editor



# JFire – Implementations / Extensions

- JFireSimpleTrade
  - Out of the box (reference) system
  - Trading of unspecialized products in an multi-organization environment
  
- Ipanema Ticketing
  - Commercial extension of JFire
  - Trading of specialized products (admission tickets for events)
  - Specialized product setup and selling (Server and Client)
  - Specialized reporting

## Contacts

- <http://jfire.org> (Project site with documentation, downloads etc)
- <http://NightLabs.org> (Our company's website)