The Taligent Application Environment
CommonPoint™

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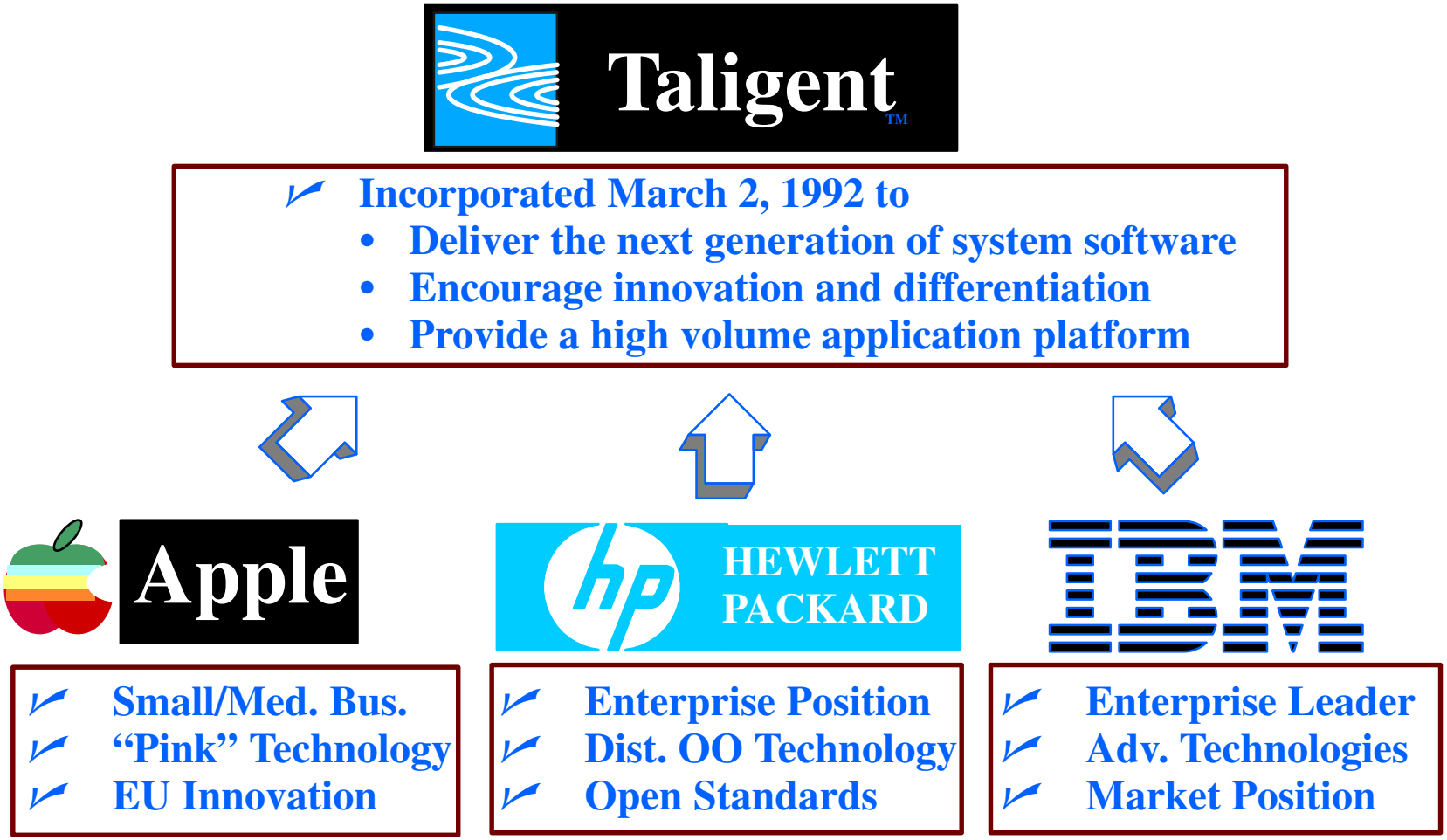
IBM Austin, Tx.

The Taligent Proposition

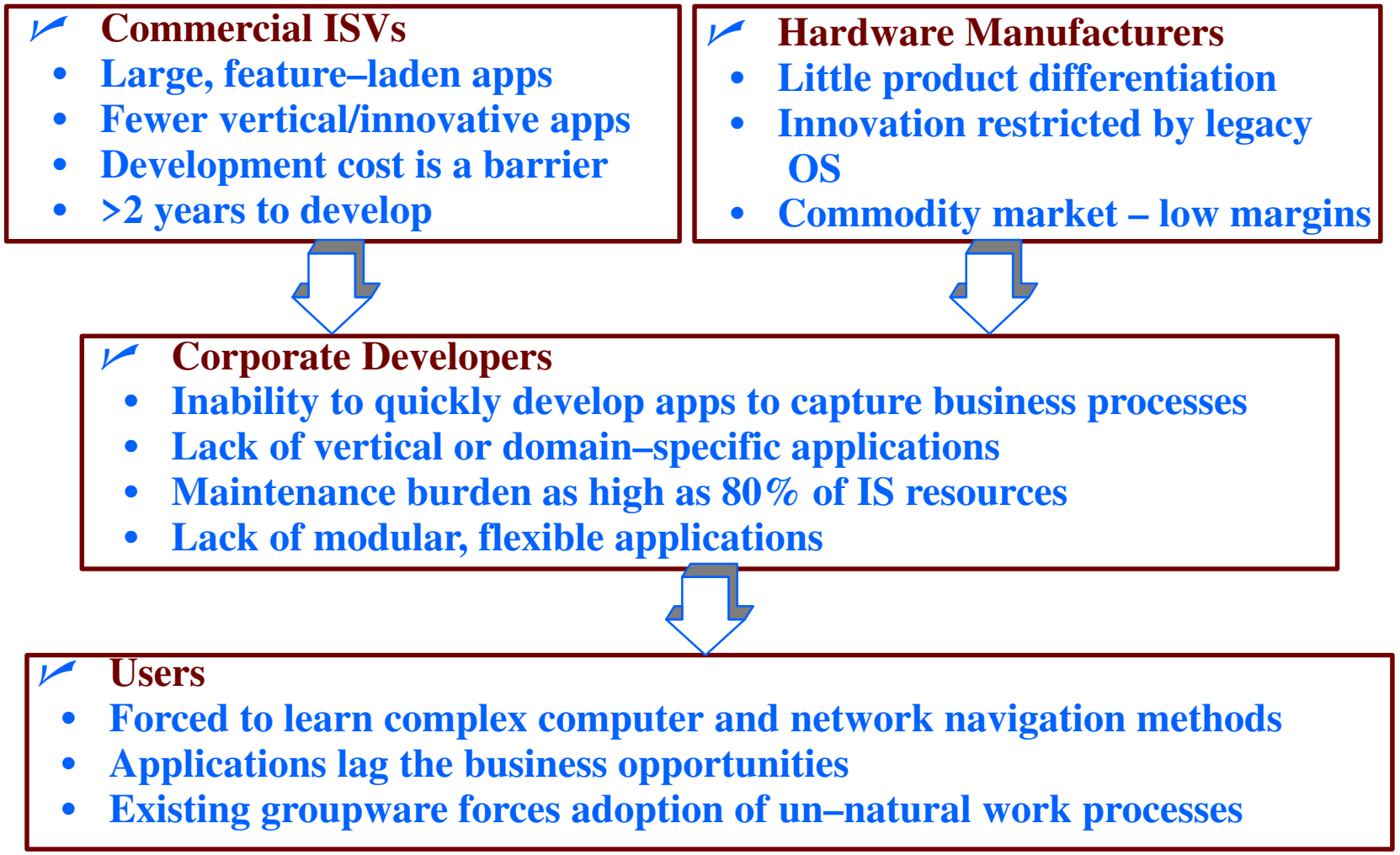
Topics

- The Taligent Company
  - Company background
  - Architectural approach
  - Products
  - Product staging

The Taligent Proposition



Industry Challenges



The Taligent Proposition

- Business objectives
  - Enable dramatic improvements in developer productivity
  - Business critical computing focus
  - High volume deployment
  - Encourage the development of a new class of applications

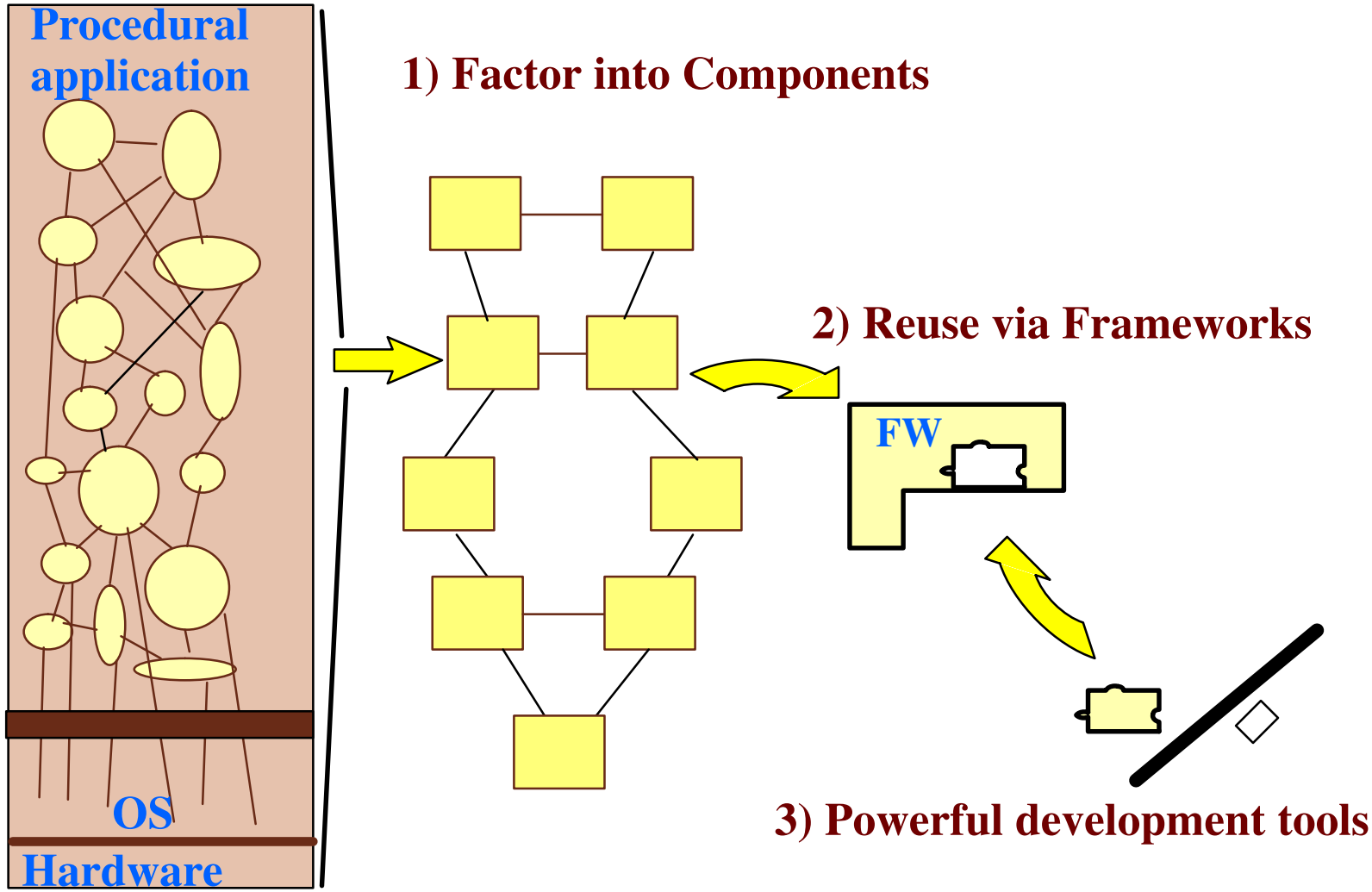
Approach . . . fully leverage object technology

Application System Emerges

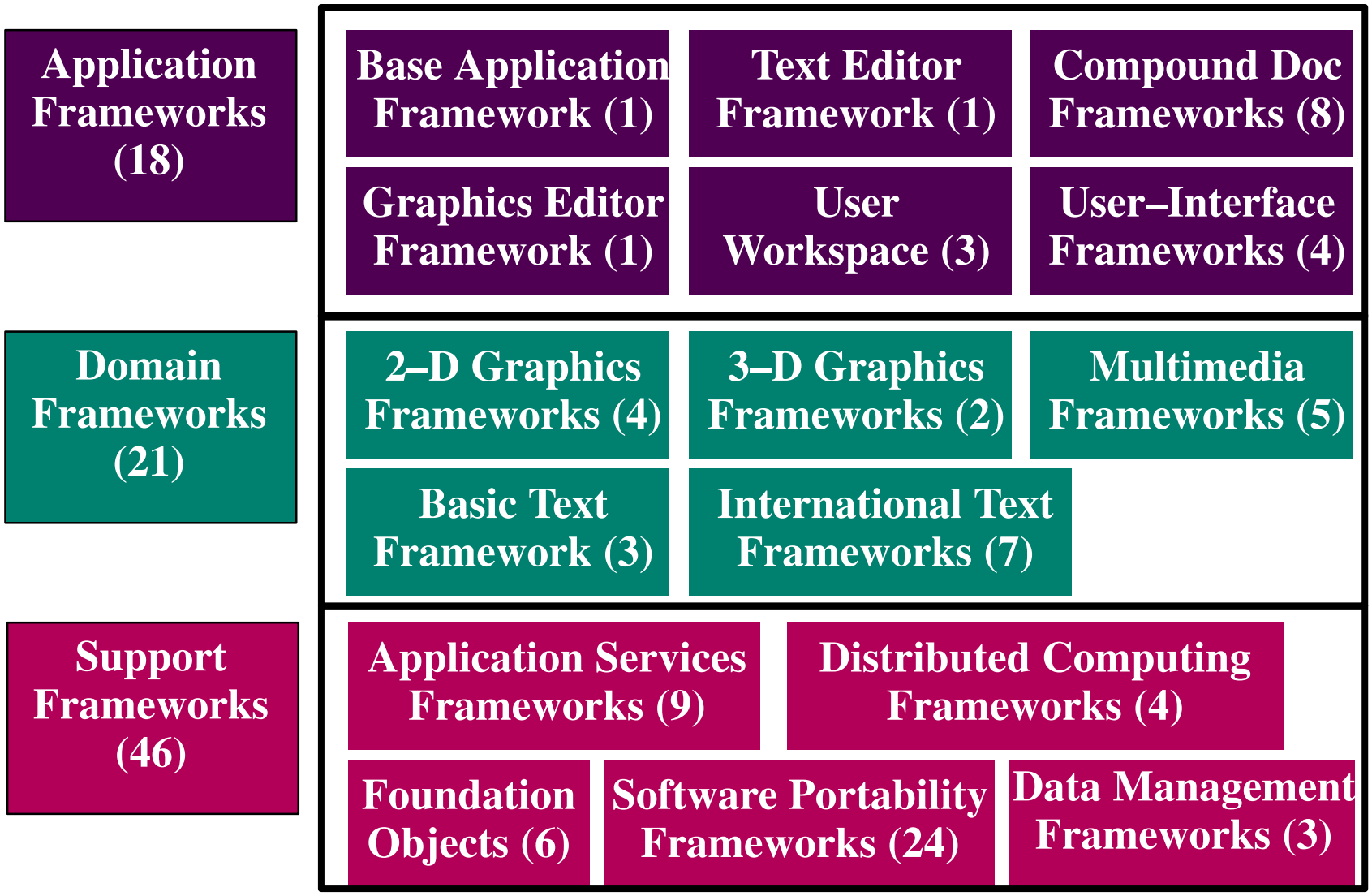
Early ’90s

Mid ’90s & Beyond

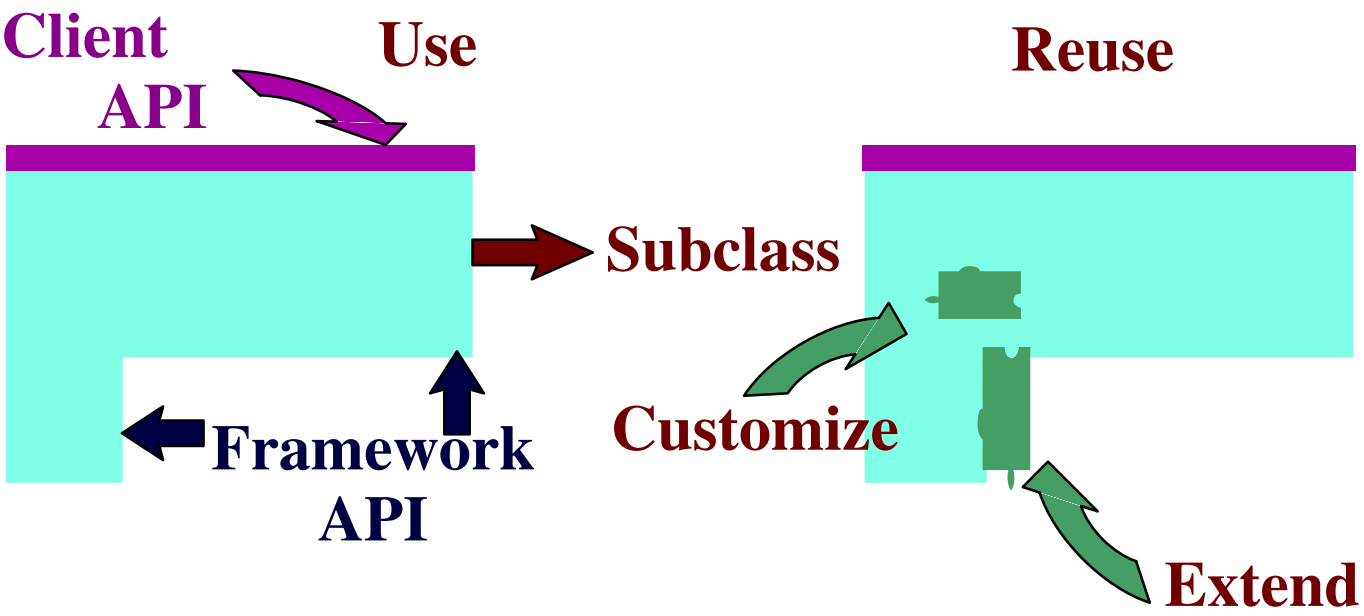
Taligent Architecture



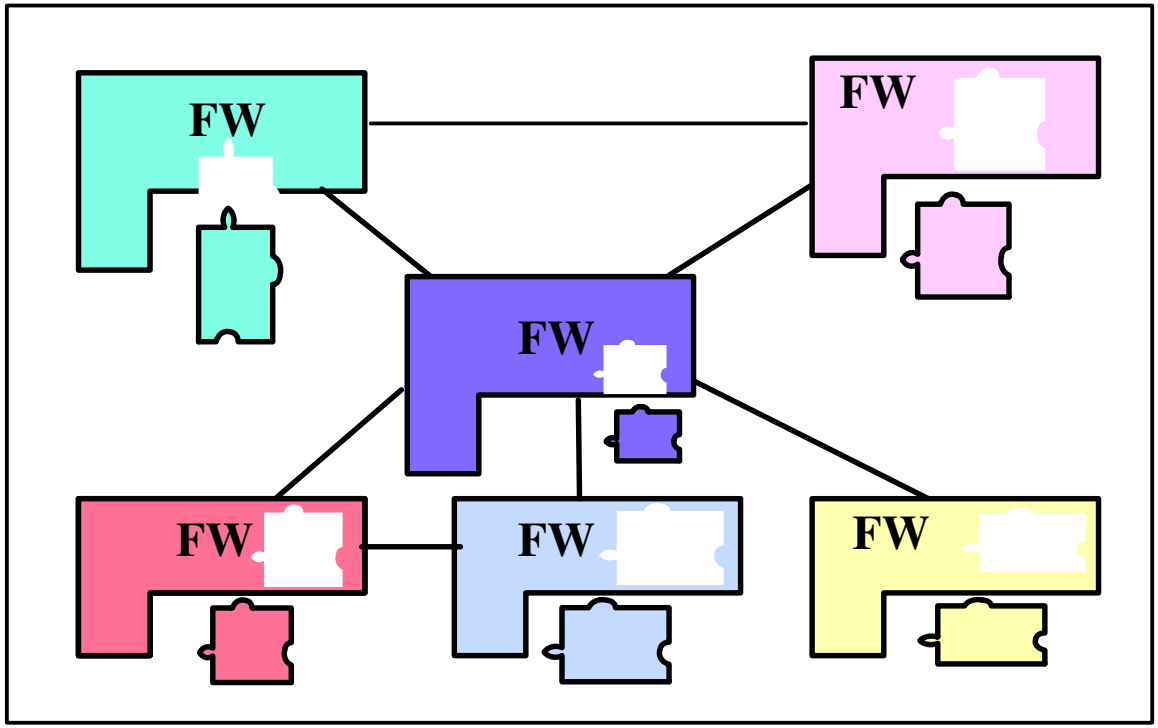
CommonPoint™: Architecture Overview



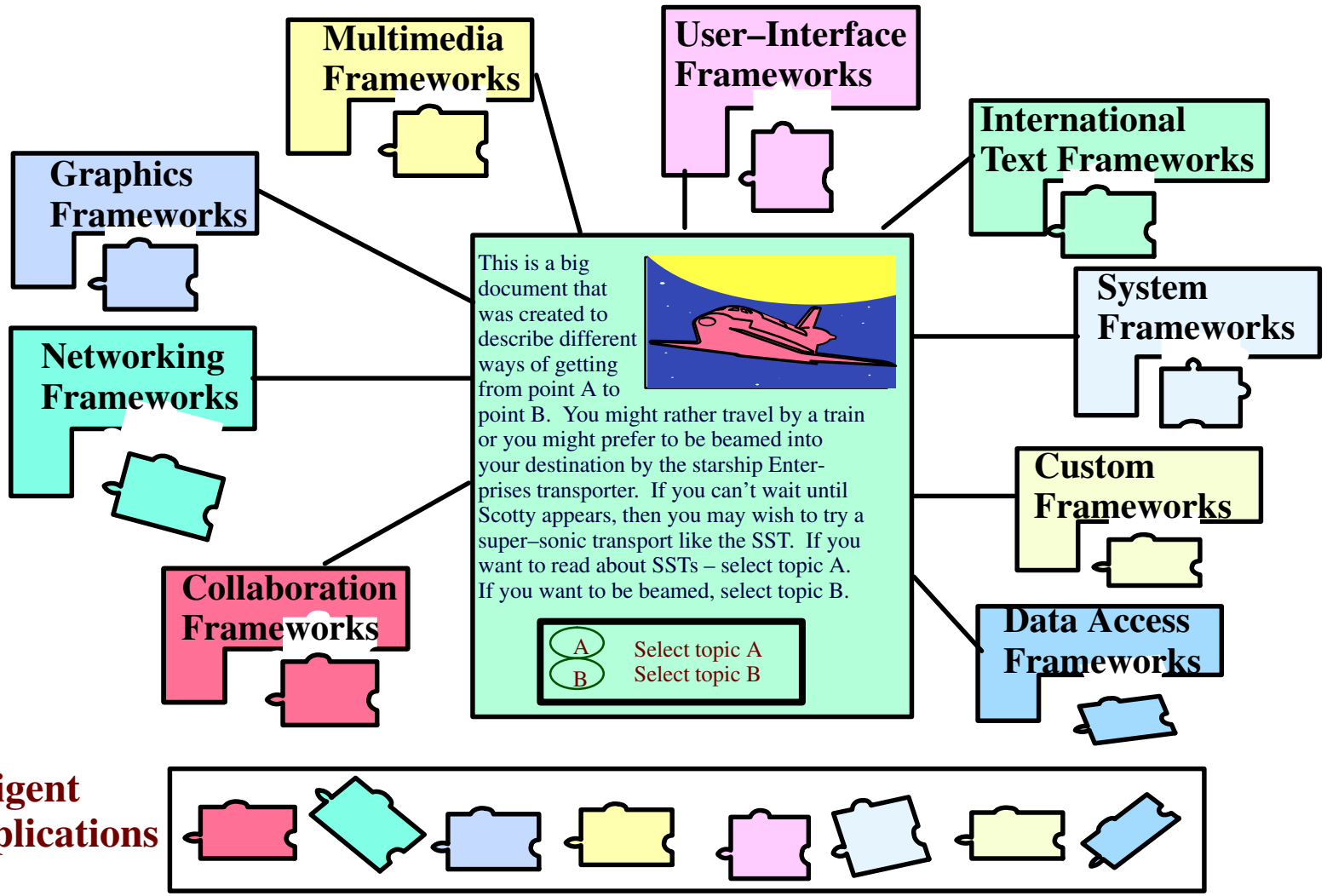
Framework


Client
API
Use
Reuse
Subclass
Framework
API
Customize
Extend

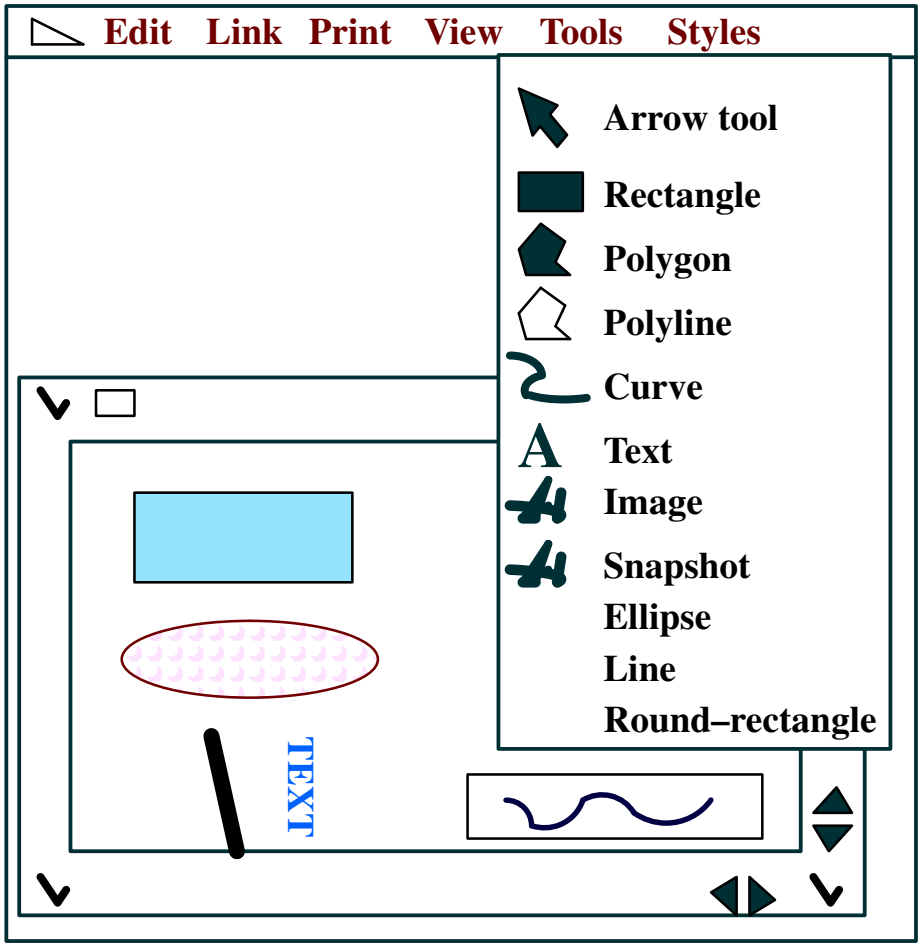
Building on Frameworks



Extensive Functionality . . . with Reuse



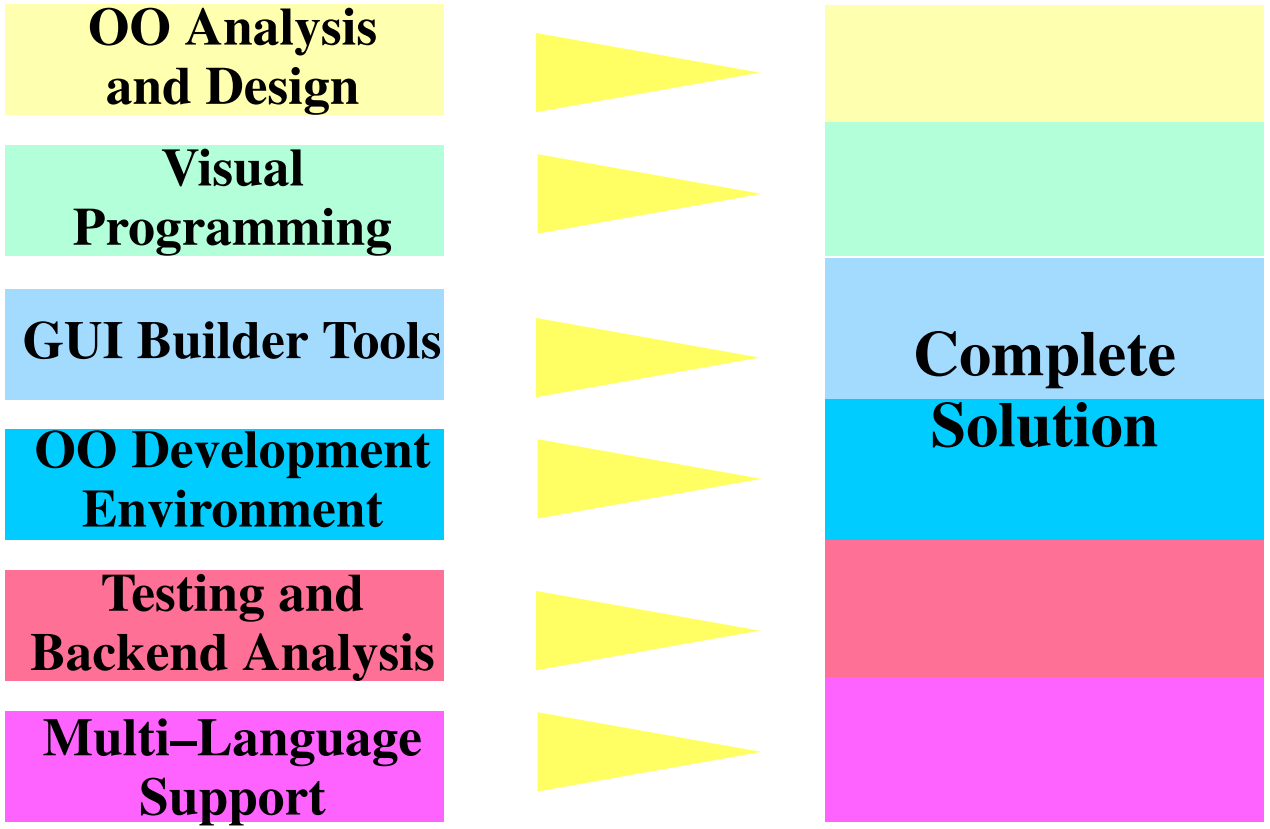
Graphical Editing Framework



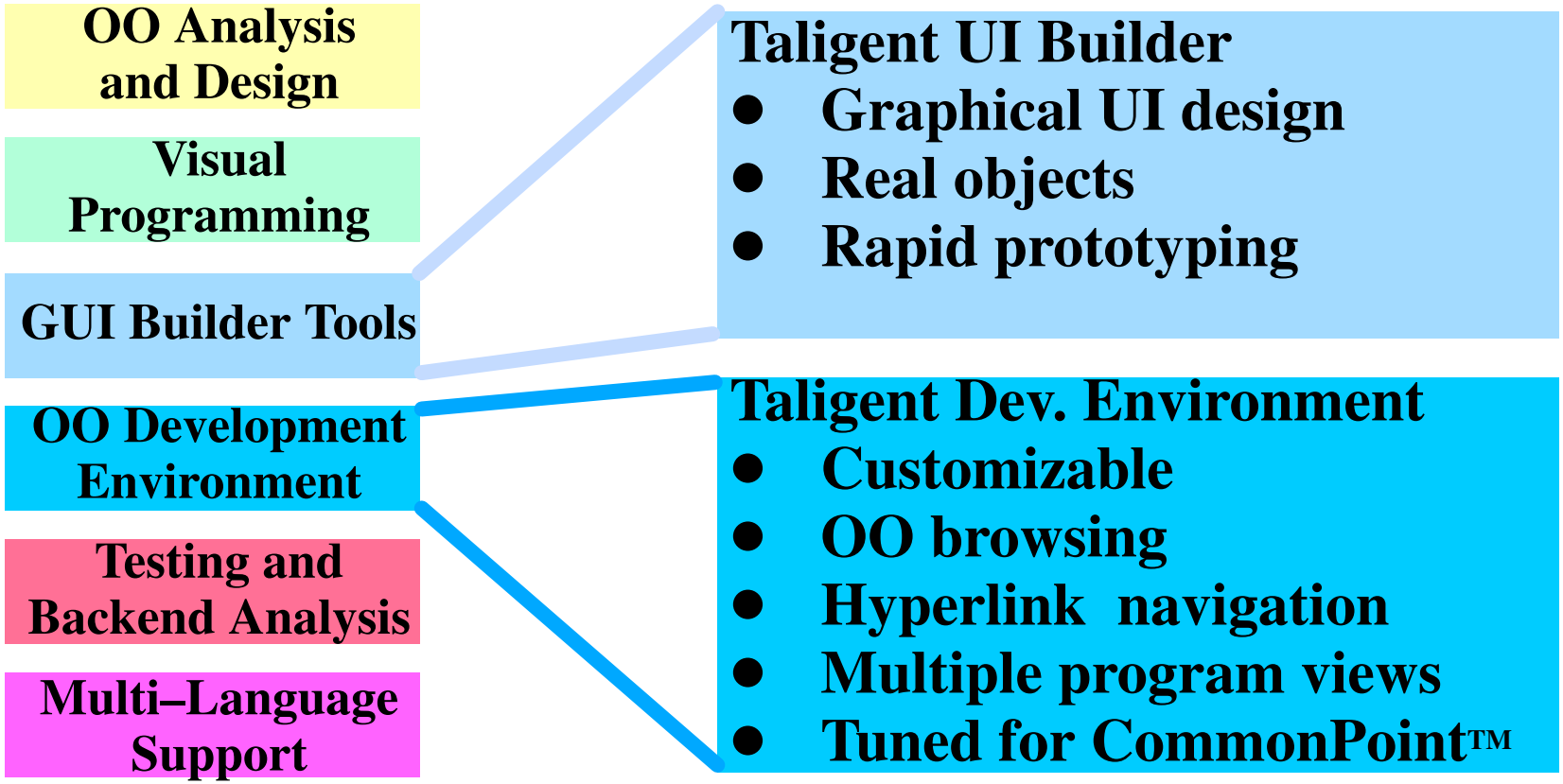
- Direct Manipulation
- Draw
- Select
- Translate, Scale, Rotate
- Group
- Connect

- **Plus, Inherit from Doc Fwk:**
  - Printing
  - Filing, Saveless Model
  - Copy, Paste
  - Embed, Link
  - Multilevel Undo
  - Scripting
  - Collaboration
- **Plus, Inherit UI Fwk:**
  - Windows, menus
  - Event processing
  - Auto scrolling
  - Drag & drop

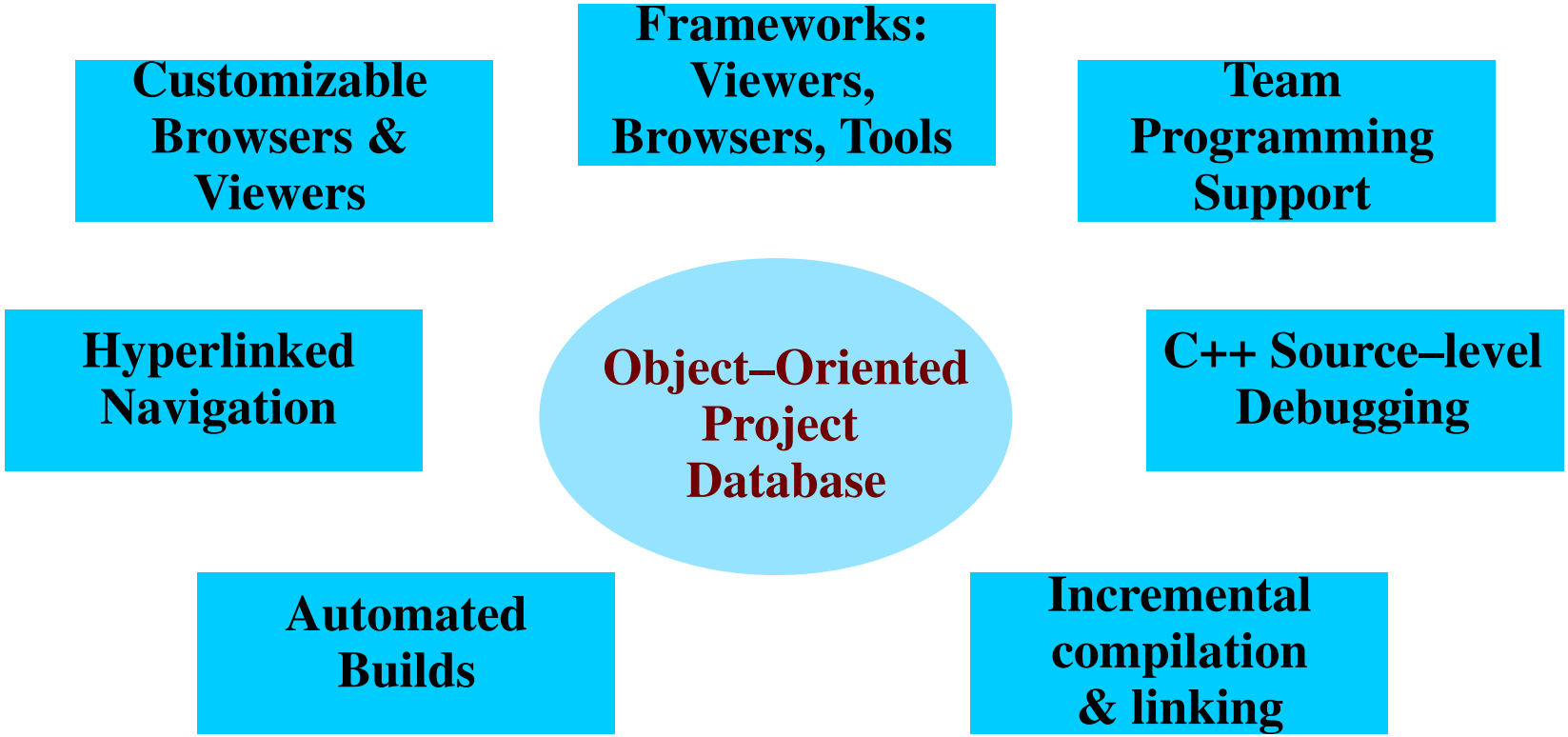
OO Development Tools Spectrum



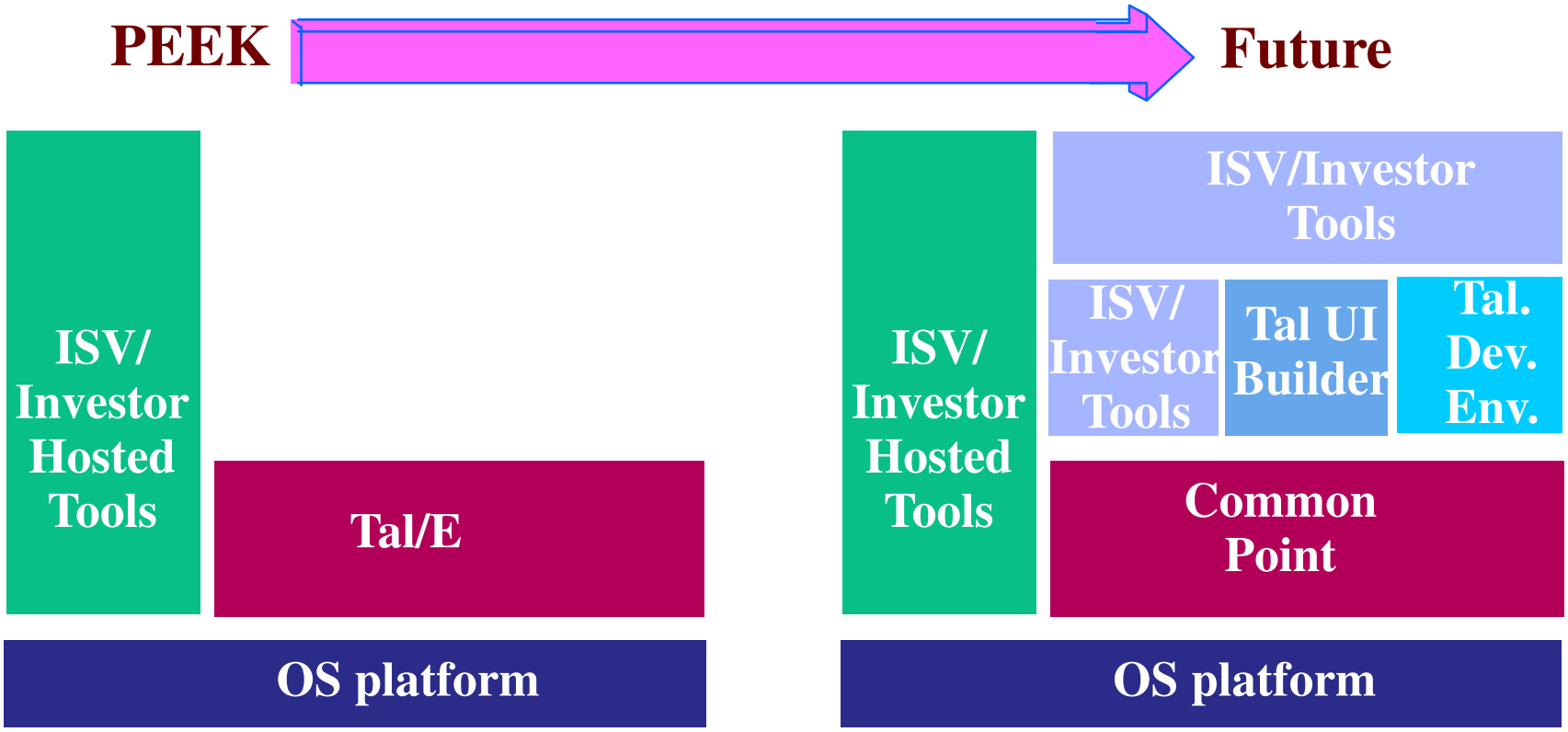
Taligent Tool Offerings



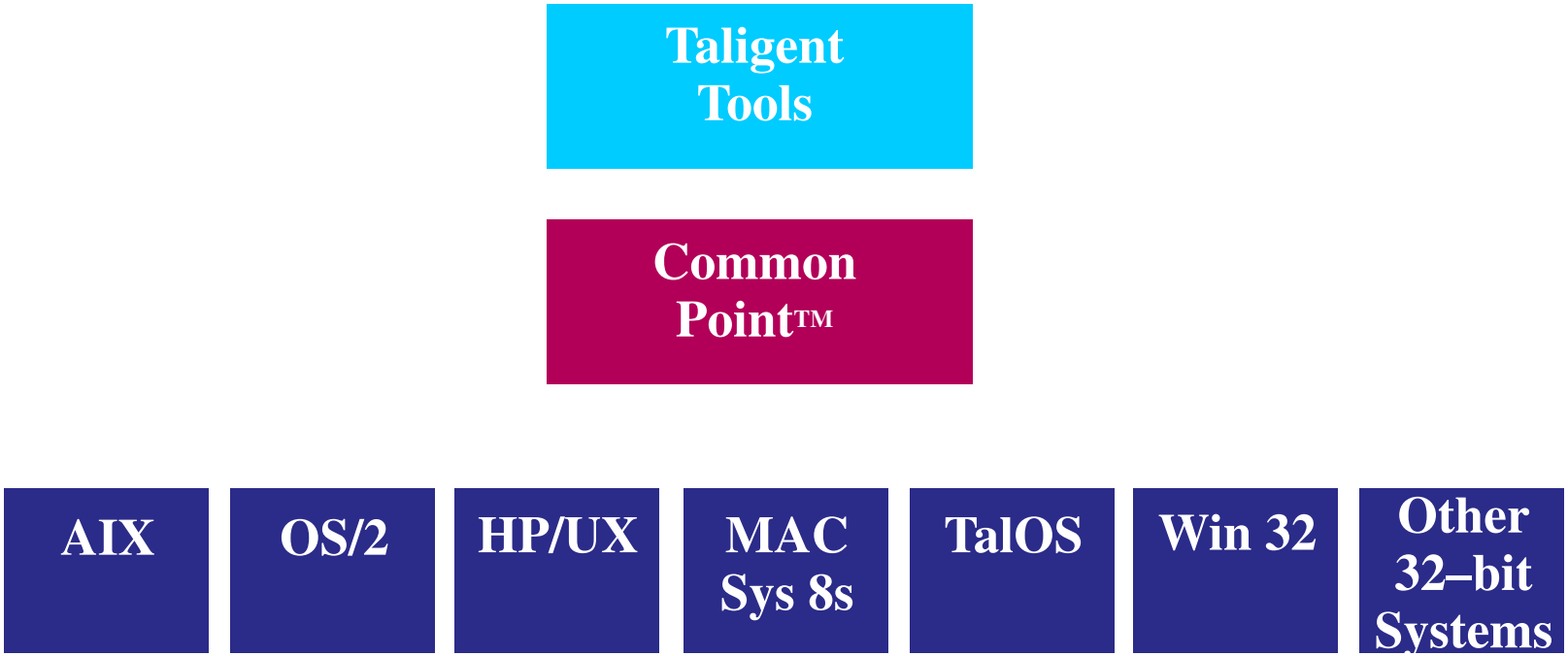
Taligent Development Environment



Taligent, ISV, and Investor Tools

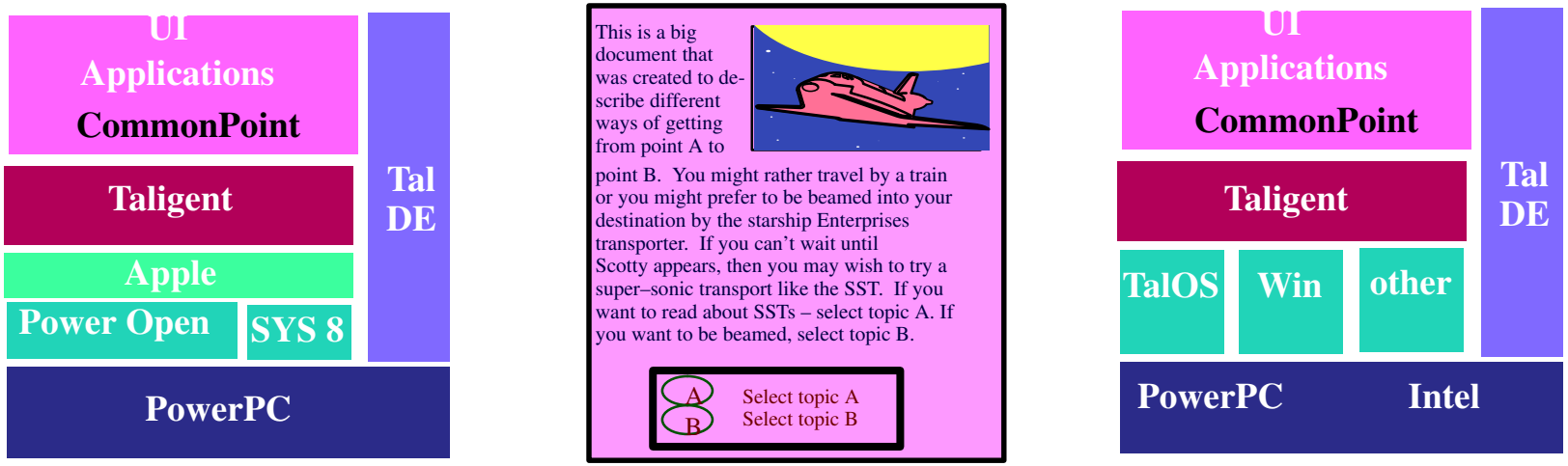


Multiple Platform Development

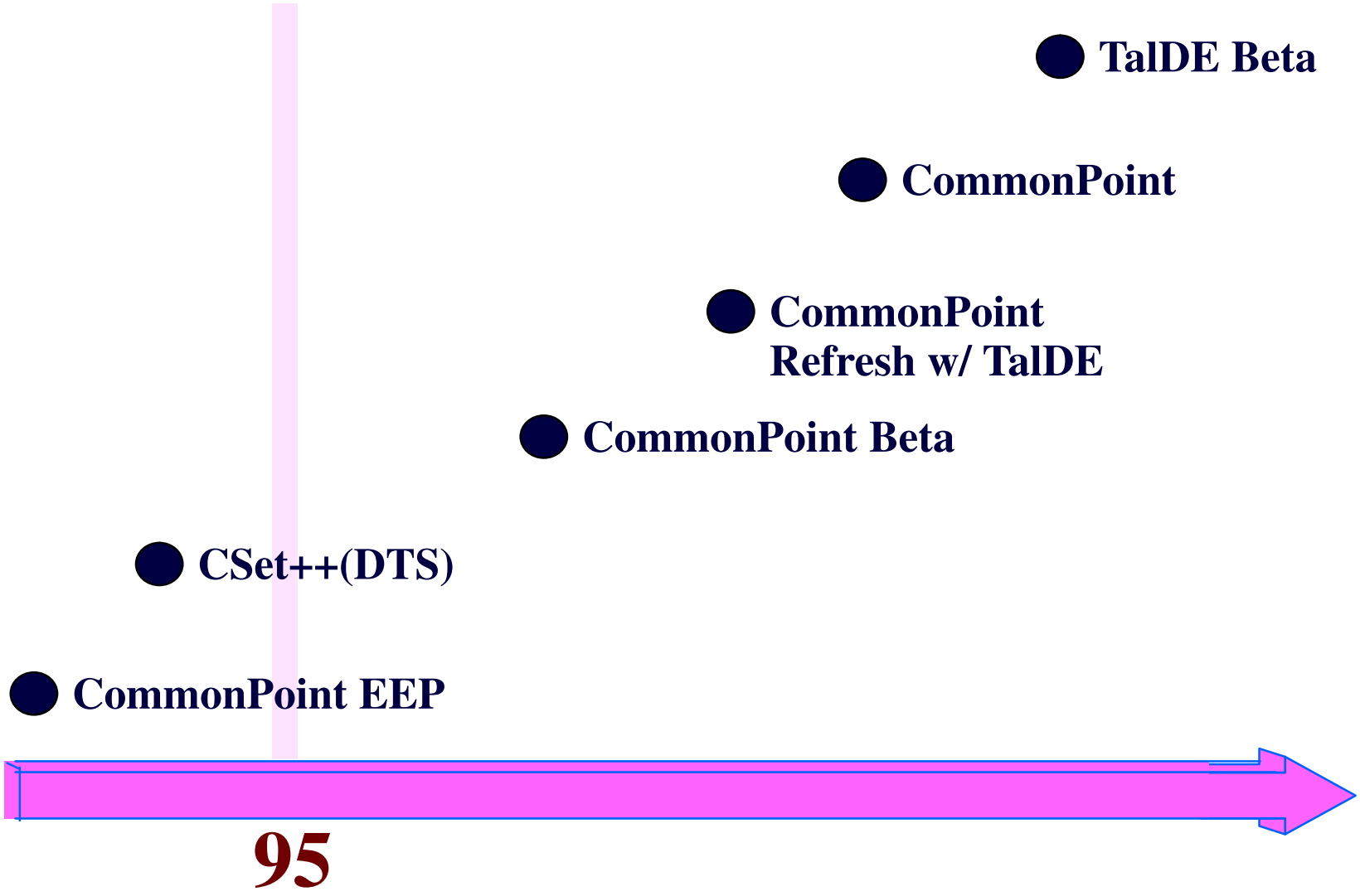


The Application System Standard

CommonPoint™



Object technology rollout on AIX



Taligent Value Proposition

- **ISVs/System Integrators**
  - Rapid application development
  - Foundation for innovation
  - High volume deployment
  - New business opportunities
  - A new alternative
- **End–Users**
  - Task–centered computing
  - Rich new application functionality
  - Co–existence and broadest deployment
  - Compelling user experience
- **Corporate IS**
  - Customized solutions
  - Ease of application development and maintenance
  - Full distribute object and client/server support
  - Co–existence and broadest deployment

How to Get Ready

Educate Yourselves
- Learn from peers
- Recruit & manage outside experts
- Invest heavily in training

Evangelize OOT
- Educate mangement about OO
- Recruit a high–level sponsor
- Set expectations appropriately

Organize for OOT
- Target developers based on initiative
- Work in small teams
- Plan for new roles and skills
- Develop incentives to foster reuse

Understand OO Methodologies and the Technology
- Target OO applications wisely
- Understand that anlaysis and design are difficult
- Consider am enterprise model
- Choose an OO language carefully
- Prototype
- Conduct design and code reviews
- Focus on performance issues early
- Properly set expectations for reuse
- Identify OO Metrics