1990 Worldwide Developers Conference

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(not really)
System Software
Manager–Toolbox

InterApplication Communication (IAC)

Overview

Introduction

- Our Goals for IAC
- The pieces we've implemented
- Developer opportunities
- Roadmap for the remainder of the day

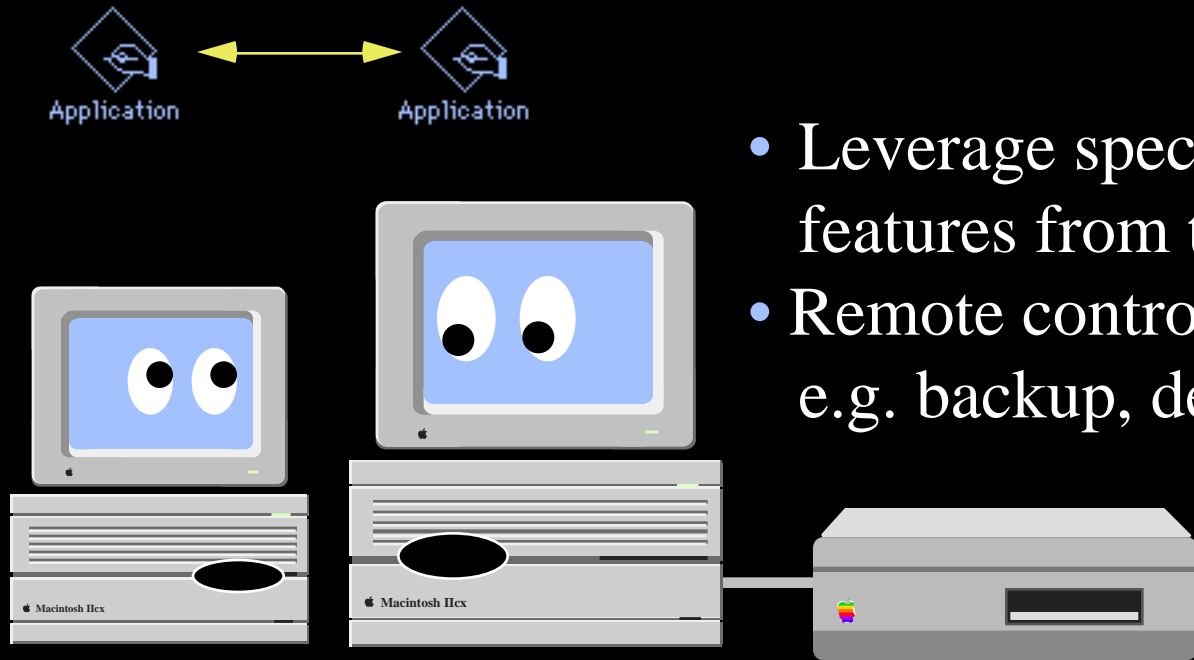# Goals for IAC

Beyond the clipboard

- Automated copy/paste
- Application cooperation
  – Sharing capabilities
  – Leverage the best parts
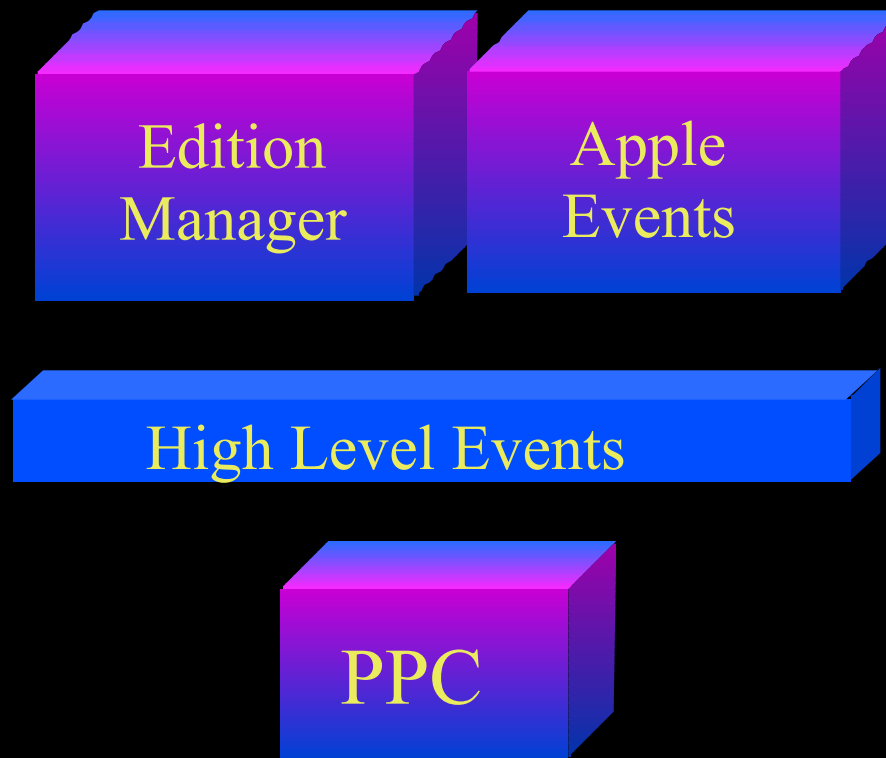- A foundation for user scripting

IAC: Some Scenarios

- Leverage specialized features from the pros
- Remote control e.g. backup, debug

IAC–The Pieces

- The Edition Manager
  - A (new) metaphor for sharing data
- High level event manager and PPC toolbox
  - Telephone and simple protocols
- AppleEvents
  - Something to talk about

The Architecture

Edition Manager

Apple Events

High Level Events

PPC

The Edition Manager

Use this first!

- Publish and Subscribe metaphor
  - Documents always up-to-date
- Intermediate "Edition" files
  - Operates across network
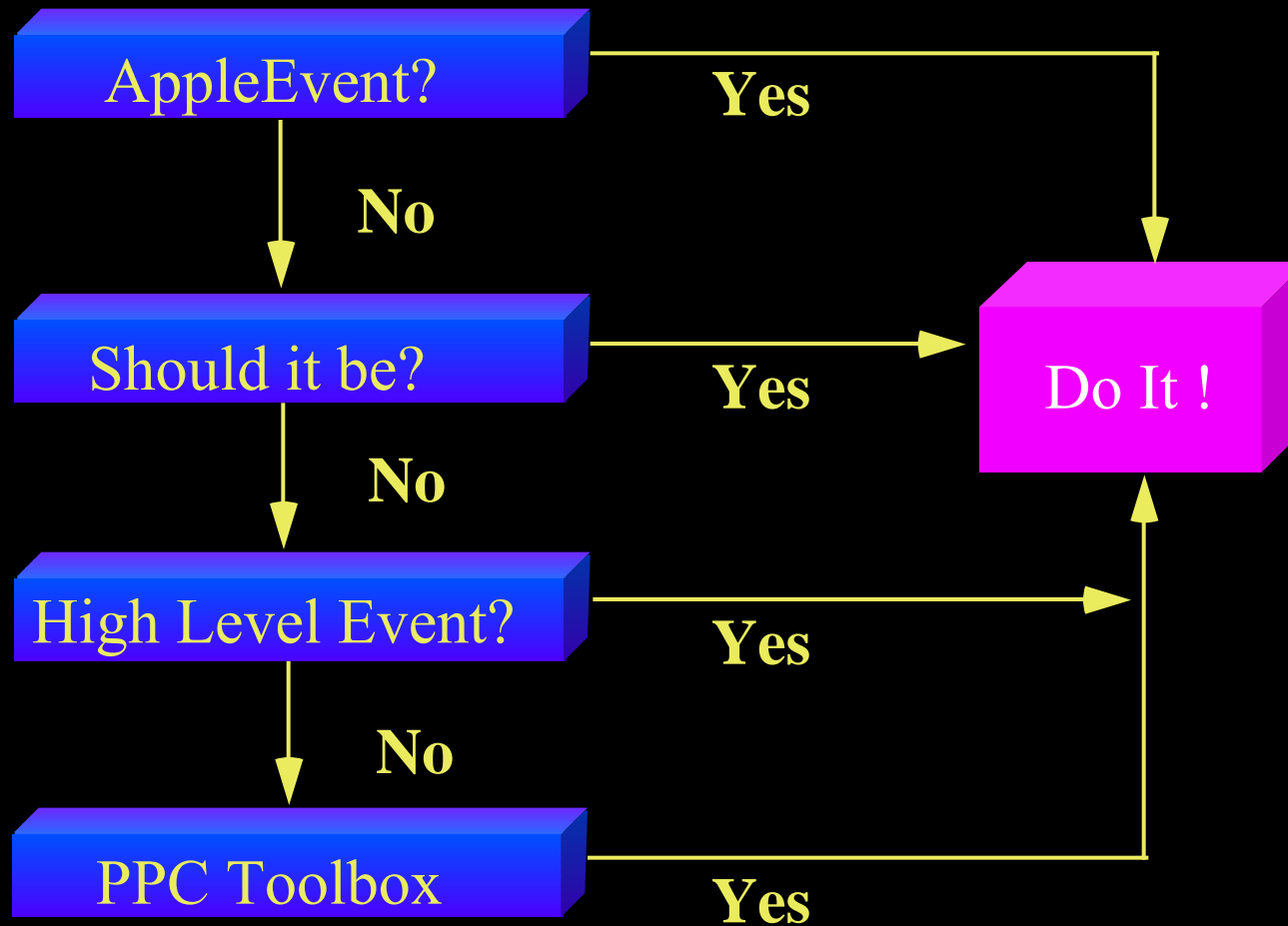- Extensive toolbox support
  - 3 new dialogs

AppleEvents

Accept required events now!

- Four easy events get you started
- Standard events take you further
  - Core, text, graphics, finder, ...
  - We need your involvement
- Toolbox support

So You Want to Connect It:

AppleEvent? — **Yes** → Do It !

No

Should it be? — **Yes** → Do It !

No

High Level Event? — **Yes** → Do It !

No

PPC Toolbox — **Yes** → Do It !

Why Bother?

What's in it for me?

- Your software will do amazing new feats
- Your users will love it
- You will feel left out if you don't

The Advantage

Integration

- Share data without knowing details
  - Edition manager
- Export capabilities to increase demand for your application
  - AppleEvents
- You don't need to do it all!
  - Even more events

Conclusion

Do It !

Today's Roadmap

- The edition manager
- AppleEvents
- Supporting cast
  - How high level events really work
  - Down and dirty: PPC

The power to be your best