

Cool Composer Tricks: Things You Didn't Know You Could Do

Session 320

Karl Folk
Texas Instruments

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Agenda

- Proprietary Messaging Environment
- Search Engine
- Asynchronous Processing
- EDI

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Session Objective

- Explain *WHAT* can be done
- *HOW* it can be done
 - Tips and recommendations
 - Contacts
- *WHY/WHY NOT* use Composer

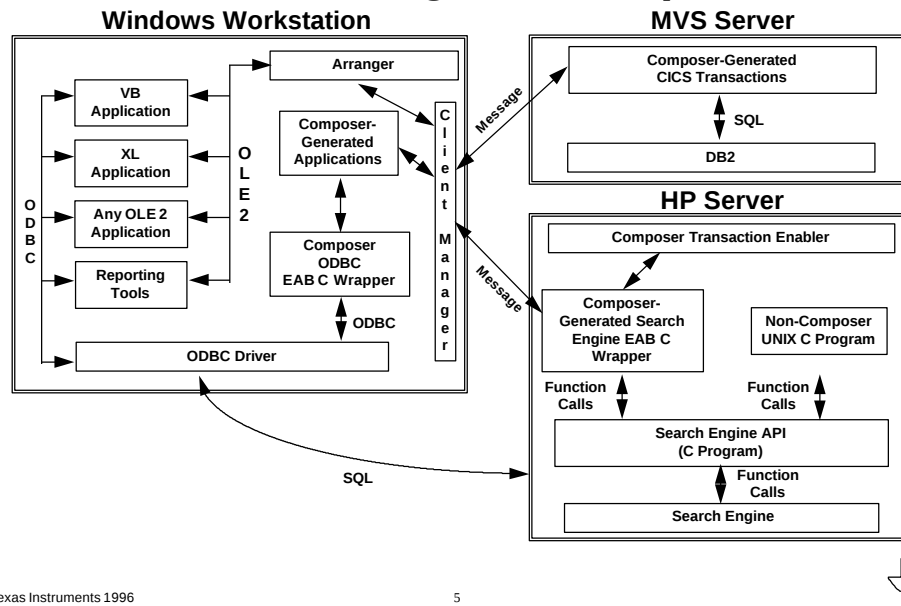


Search Engine Definition

- A look-up and mapping of table indexes
- Used as a Front-End Server (FES)
- Read only



Search Engine Example



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Potential

- Search engine benefits
 - High-speed complex text searches
 - Modular for multiple servers
 - Significant performance gains
- Other ideas
 - Inference engine
 - Data warehouse

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Risks

- Currency of search data
- Percent of complex searches
- 2 Servers = 2X
 - Connectivity
 - Space
 - Hardware
 - Downtime risk

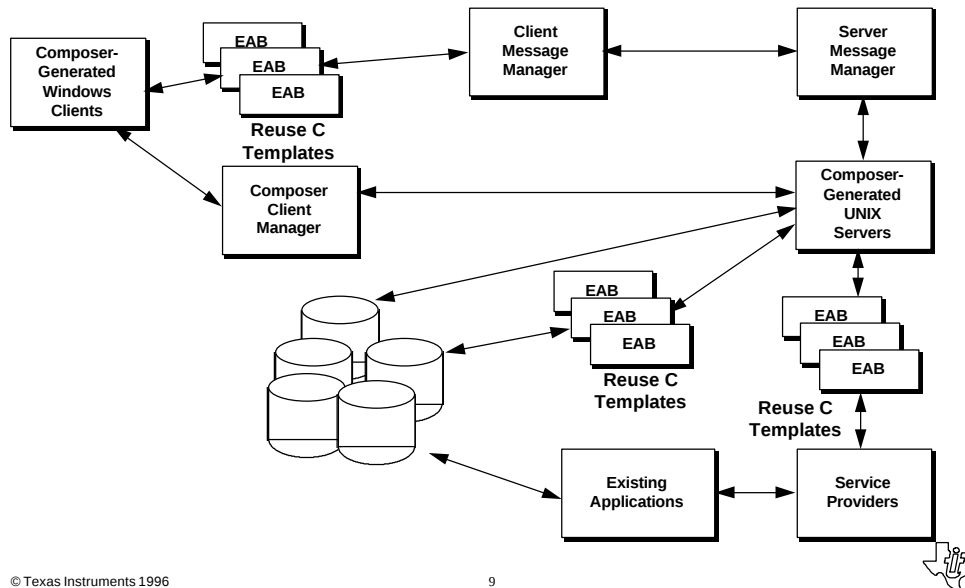


Proprietary Messaging Environment Definition

- Non-Composer servers
- Co-existence
- Server-to-server emulation



Sample Messaging Infrastructure



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Potential

- Benefits
 - Integration with Legacy systems
 - Can remove protocol limitation
 - Inclusive, not mutually exclusive
- Other Ideas
 - New platform
 - New protocols
 - Vendor independence

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Risks

- Hard work
- Maintenance
- Not invented here
- Performance



Tips

- Client/Server No Flows
- Client/Server Follows
- Server EAB to Server
- Client EAB to Server

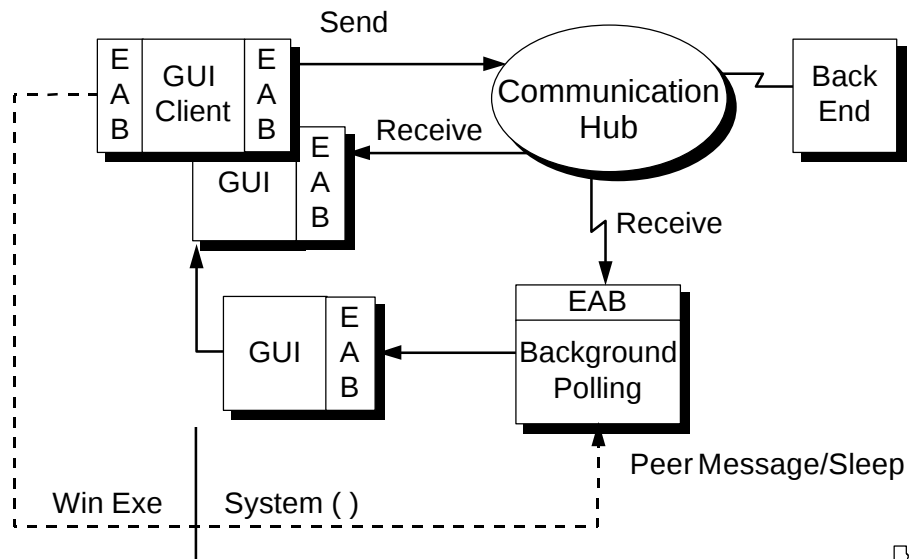


Asynchronous Processing

- Client/Server without the hour glass
- Legacy calls
- Long response time
- Modal productivity



Asynchronous Example



Potential

- Benefits
 - Tremendous flexibility
 - Non-time-dependent
- Other ideas
 - EDI
 - Reports
 - Legacy



Risks

- Maintenance
- Lack of time
- Complexity
- Error handling

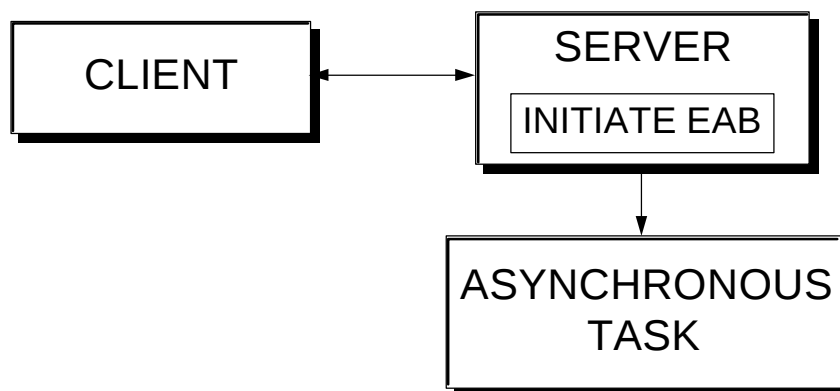


Tips/Pointers

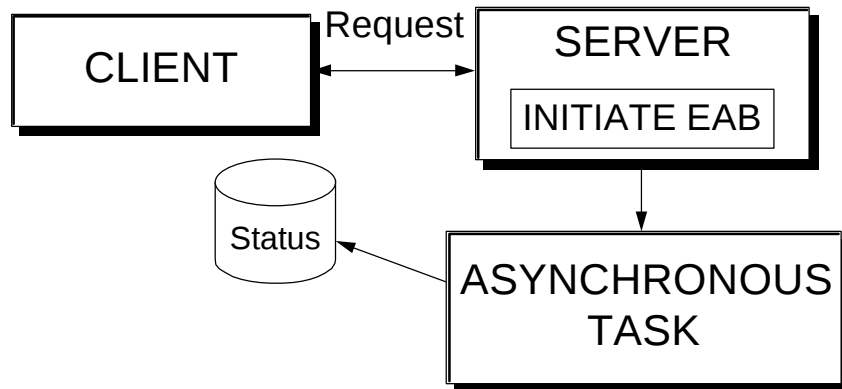
- Fire & forget
- Periodic monitoring
- Independent monitoring task



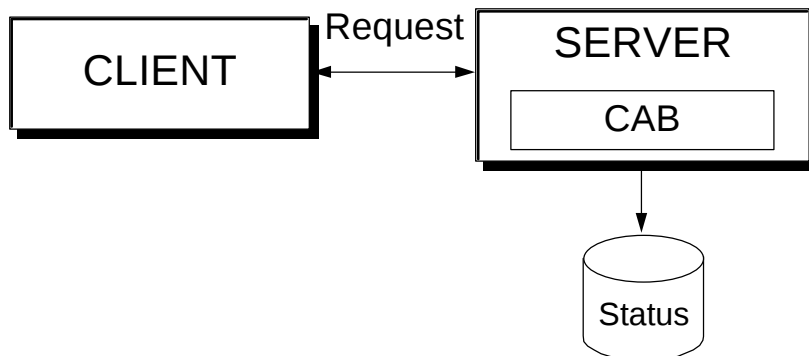
Fire & Forget Implementation



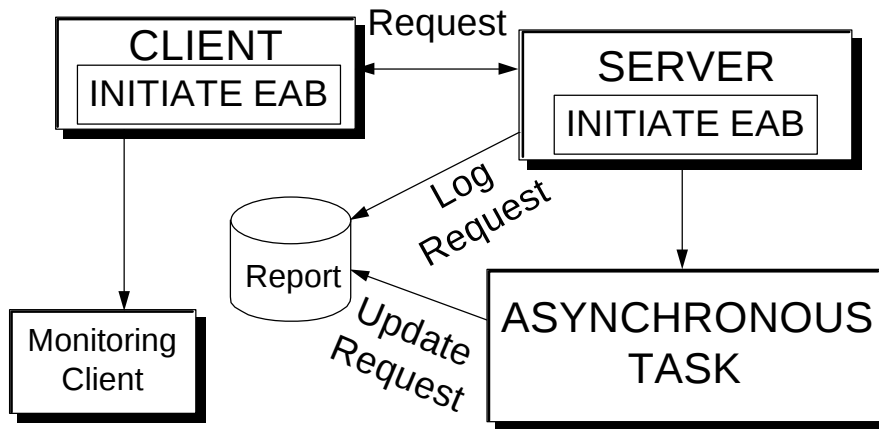
Periodic Monitoring Implementation



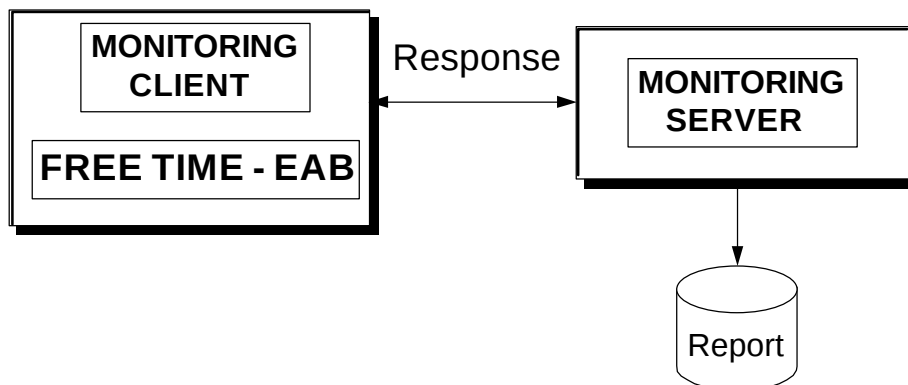
Periodic Monitoring Implementation



Independent Monitoring Task Implementation



Independent Monitoring Task Implementation

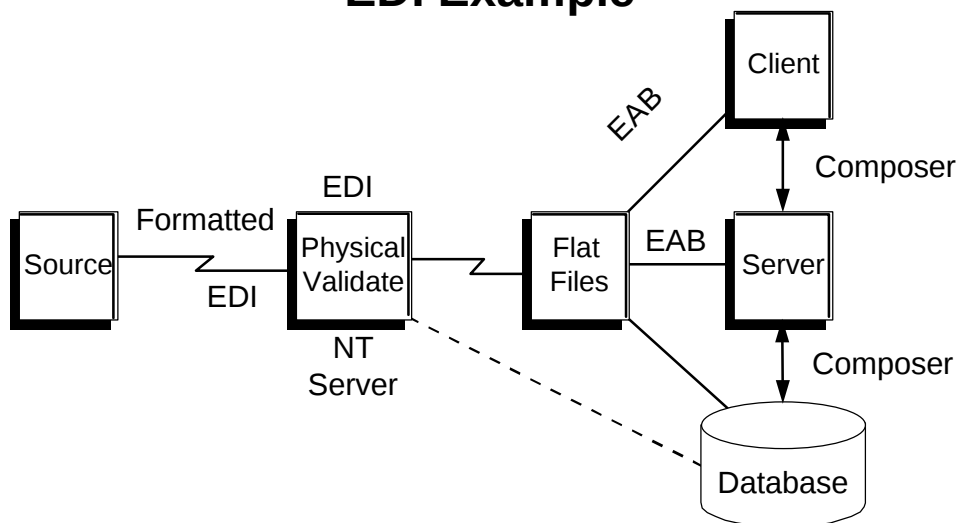


EDI

- Use EDI as part of a total Composer C/S solution



EDI Example



Potential

- Benefits
 - Paper-less
- Application opportunity
 - Invoicing
 - Order Processing
 - AP
 - AR



Risks

- Specs
- DRP
- Parallel or true replacement



Tips

- Synchronous
- Asynchronous



Contacts

Search Engine	Jeff Newlin/ Richard Allen
Proprietary Messaging Architecture	Abdul Latif
Asynchronous	Abdul Latif/ Richard Allen
EDI	Jeff Chancellor



Summary

- Topics
 - Proprietary Messaging Environment
 - Search Engine
 - Asynchronous Processing
 - EDI
- Information
 - What can be done
 - How it can be done
 - Tips and Recommendations
 - Contacts
 - Why/Why not use Composer



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