

```
point.Snapshot;  
2. Dim srv As PISDK.Server  
3. Fore*%^(%) (point in server.PIPoints)?!!??  
4. Dim srv A PISDK.Server  
5. if (time_to_market > expected)  
{  
    solution = vCampus;}  
6. if (time_to_market > expected)  
{  
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"where PI geeks meet"

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V CAMPUS

2009

LIVE!

Palace Hotel, San Francisco, CA ▪ Dec. 1-2, 2009

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Extreme Code Review – Element-Relative Display (ERD) ProcessBook Add-in

Laurie Dieffenbach, OSIsoft

David Hollebeek, OSIsoft

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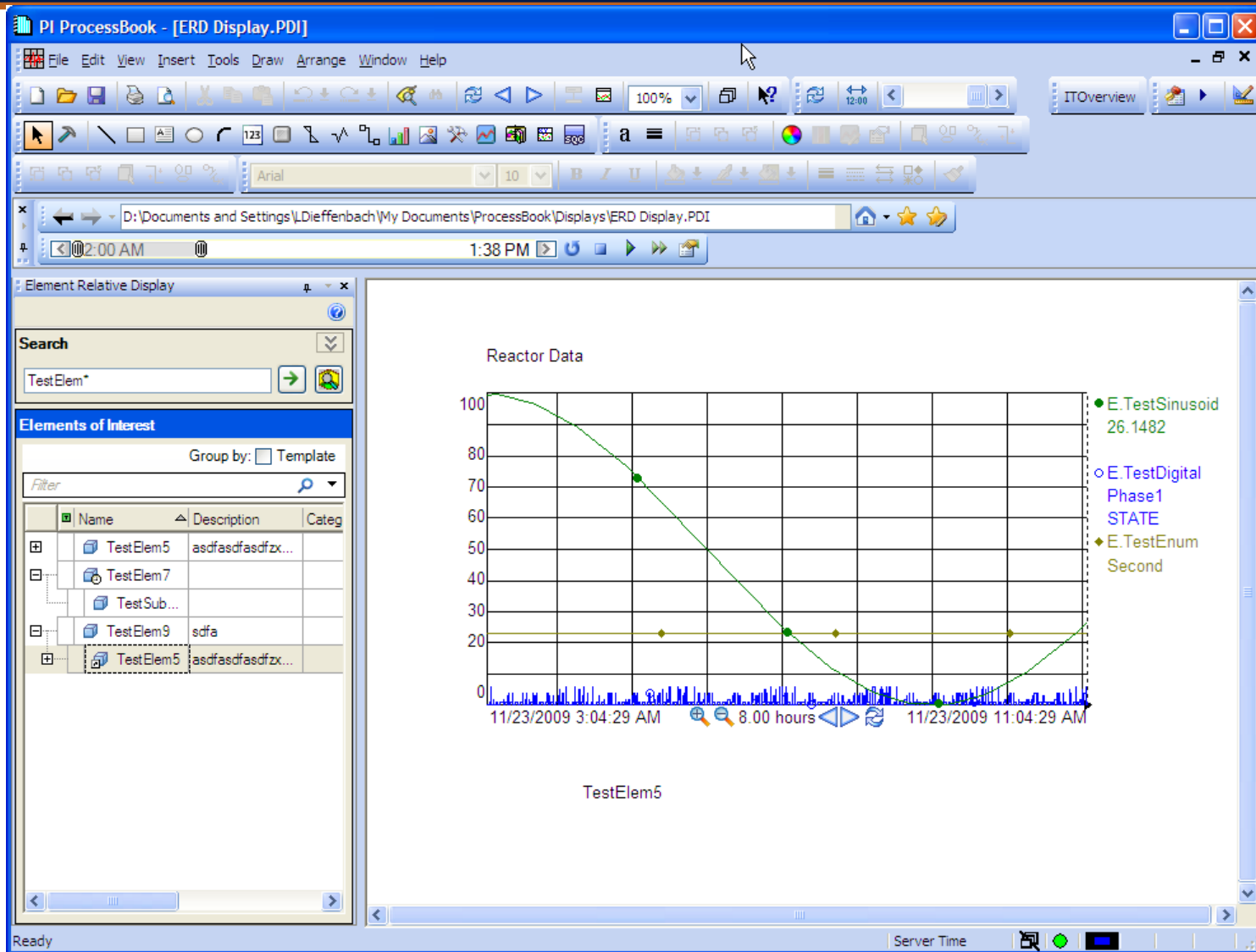
ProcessBook Add-Ins

- Provide functionality at the application, rather than the display, level
- Two flavors: custom data access and custom display manipulation
- Deploy once and functionality is available for all displays (unlike Display-level VBA code or Display-level datasets)

PI ProcessBook ERD Add-In

- Designed to replace the Module Database-based Module Relative Display (MRD) add-in from earlier versions
- Enhancements over MRD functionality designed in
- Faster development of functionality that is added to core ProcessBook, instead of changing the main executable
- Delivered as part of ProcessBook setup kit, but could be a separate install, if needed

Element Relative Displays



Show Me the Code!

- David will walk us through key aspects of his work on the add-in by showing the code...

Best Practices

- Use built-in automation model
- Use available templates to get started
- Leverage connectivity and error handling
- Code defensively for PI ActiveView reuse
- Consider impact on PI WebParts interaction
- Enable automated deployment

Additional Resources

- Tech Support or vCampus white papers
 - ProcessBook 3.x .NET Add-In Templates (C Sharp)
 - ProcessBook 3.x .NET Add-In Templates (VB.NET)
 - These kits each contain 4 templates with instructions for creating PI ProcessBook 3.x add-ins
 - KB Article KB00257 (PI ActiveView compatibility)
- vCampus discussion forums
 - For example, ProcessBook and Microsoft Office Development
- vCampus recorded webinars
 - The Builders' Café Webinar Series: Programming .NET Add-Ins for PI ProcessBook


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THANK YOU.



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