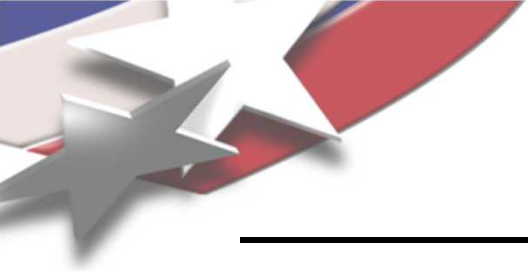


Crystal Yellow

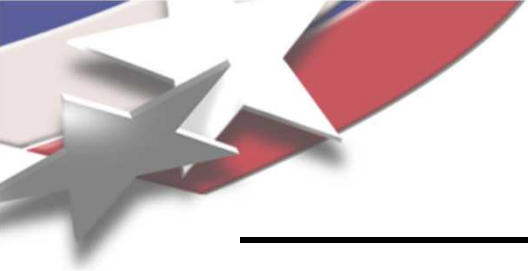
Agile Software Methodology For ParaView Development



Key Attributes



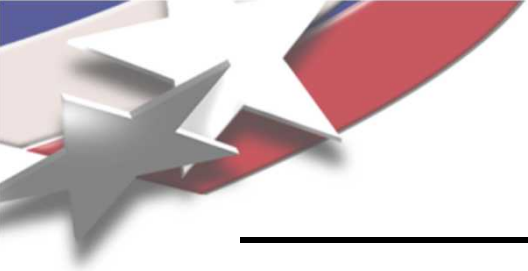
- **Easy communication**
- **Monthly increments**
- **Real users**
- **Mission statement**
- **Clear ownership of code areas**
- **Automated Testing**



References



- **Crystal Clear: A human Powered Methodology for Small Teams by Alistair Cockburn**
- **Agile Software Development: The cooperative Game by Alistair Cockburn**
- **Alistair Cockburn's Web Site:**
http://alistair.cockburn.us/index.php/Main_Page
- **Agile Manifesto:** <http://agilemanifesto.org/>
- **The Agile Alliance Web Page:** <http://www.agilealliance.com/>
- **Agile Software Development Ecosystems (Paperback)**
by [Jim Highsmith](#)
- **Organizational Patterns of Agile Software Development (Paperback)**
by [James O. Coplien](#), [Neil B. Harrison](#)



Easy Communication



- **Must be able to get questions answered easily and quickly.**
- **Wiki, videoconference, phone.**
- **Replacing detailed design documentation with communication.**
- **Need to be sure everyone feels comfortable speaking up**
- **This is where we push the edge of the methodology envelope.**



Monthly Increments



- **List what we plan to do**
- **Deliver working code (even if everything planned isn't done).**
- **Get feedback from a real user.**
- **Review what did and didn't get done, what we did right and wrong.**
- **List what we plan to do next month.**



Have Real Users



- **Need real feedback.**
- **We are replacing long requirements gathering cycle with many iterations of demonstration and evaluation.**
- **Don't worry too much about wasting a month's work on some feature as long as it gets us a clear indication of what the user wants.**



Mission Statement



- **A clear description of the overall design goal.**
- **A clear description of the current short term design goals is also needed.**
- **A high level description of longer term goals**
- **We can change as necessary, but we all need to know so we can make good choices.**
- **Someone focuses on strategic planning too.**



Clear Code Ownership



- **Everyone owns everything is a valid choice.**
- **Should know who is expert in certain areas though, may want to communicate with them when working on that code.**
- **Should not have to ask in meeting/email who changed that code and why.**
- **Need to know who is doing what pieces of next iteration.**



Automated testing



- **Keeps us from letting errors stay too long.**
- **Everyone should think about test for new features before they consider it finished.**
- **May want to write test first even.**