

Rio Tinto Group's Sustainable Development Agenda



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**Supervise the technical
aspects of the software
development work of
others**

Supervising software development work of others

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When it comes to writing software you will find more often than not that it done by people who are working in a team on the same project. So you might now be thinking how is this going to work, well this works by following using a software process. There are different approaches to software processes and they're called Software Methodology's and I'll list them later. So with in the next couple of slides I'll explain how different software approaches help manage work of others.

Software Methodology's

- Waterfall (Which is getting out dated)
- Agile development (Which allocates for change)
- Rapid application development (Which requires lots of planning but fast tracks the project)

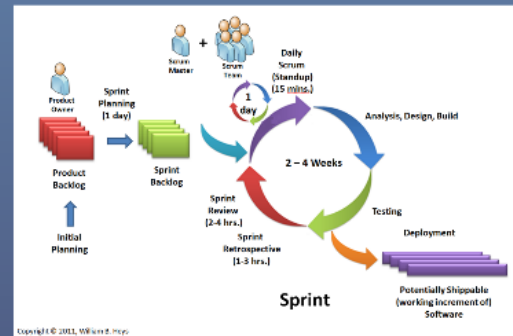


These are the key stages in any software development

How different processes
allow you to supervise
work of others

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Most processes follow the same steps but manage them in different ways. So within a process there are different stages and different jobs. Scrum is used well with agile and its is very popular at the moment because the customers has a big say in whats happening throughout the project. Below is a picture of how a scrum sprint would work.



**How software methodology's
allow you to organize your
and plan your requirements**

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Within any software development there's certain steps and they're all similar with each other. They just relate them in various different ways. The requirements section is where you find out what the customer or it could be what you want. you layout everything that needs covering through out the project. effectively this is the planning stage where you decide how everything is going to be done. So if you're working with a customer they will outline what you need to achieve within the project. A good methodology

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Work of others

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Using sprints is a great way to manage work. Because within a sprints there's different things in place to help you, for example you have sprint planning where you talk about what needs to be achieved in this sprint. You can then also decide who is going to do them various different tasks. Towards the end of the sprint you do some thing called a sprint review and this is where you talk about how your work and the work of others went. You can also talk about what you could do next time to improve it.

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