

## Open Design Engine - Feature # 20: Add support for shared "engineering" workflows

<b>Status:</b>	New	<b>Priority:</b>	Normal
<b>Author:</b>	J. Simmons	<b>Category:</b>	
<b>Created:</b>	04/09/2011	<b>Assignee:</b>	
<b>Updated:</b>	11/07/2013	<b>Due date:</b>	
<b>Subject:</b>	Add support for shared "engineering" workflows		
<b>Description</b>	<p>Workflow system should be extensible and allow users to share there workflows with other projects (this way we are not expected to deliver the end-all-be-all workflow, and instead, the community can discover what workflows work best in the tool); system should ship with some basic workflow(s) in this case so it has something even at release</p>		

### History

#### 04/09/2011 04:11 pm - J. Simmons

One possible engineering workflow (project features should support following all or part of the workflow as needed by the projects):

- get/make requirements (to understand what you are going to build)
- setup 1 or more teams/sub-projects (small scale still just 5-10 people all one team, big scale several sub-project teams)
- create tasks that link to derived requirements to establish traceability, in multi-team scenarios, tasks should be associated with the appropriate teams/sub-projects; in single team scenario, all tasks should get associated to the main team/project when there are multiple teams, usually need a PCT (team of teams)
  - loop through below, each iteration move into more detail (lofi analysis, hifi analysis, cad parts, prototype, build, fly)
  - do work (each iteration = more detail: lo-fi analysis, hi-fi analysis, produce cad parts, prototype, build, fly/test) <-if we're generalizing
  - document (examples: procedures, BoM, drawings, parts, analyses docs, graphs, reports, meeting minutes, presentations, Requirements docs, etc)
  - review/test
  - update design
  - approve – triggers next iteration

#### 11/07/2013 03:14 pm - J. Simmons

Comments from Chris - not sure this is a considerable investment of time/energy (can't even begin to estimate it without breaking it into sub-features) and not sure people would really want to use it.