

Engaging Stakeholders

- JODTool: better Requirements Traceability
 - Correspondence NL – VDM based on parts of speech
- Animation for All!
 - Ease of Access: lively, cloudly, webly.
 - PVSio-web: graphical animation plus verification tools
- Better verification
 - Supporting extensibility

Ways Ahead: Engaging Stakeholders

Stakeholders	SHORT (1)	MEDIUM (5)	LONG (10)
Requirements Engineers		“Idea to Code” in Overture	
Domain Experts	Web access to tools. Wide range of tools Support gradual implementation	Supports more impln languages	Dynabook of VDM: <ul style="list-style-type: none"> • Live spec • VDM spec and code on dynamic medium • VDM spec for all!
Domain Experts	Web based version of the toolset <ul style="list-style-type: none"> • Better integration with the PVSio-web toolkit 	Modelling templates <ul style="list-style-type: none"> • Possibly supported by verification strategies 	Trusted toolchain <ul style="list-style-type: none"> • From requirements to code
Expert Modellers (?)	<ul style="list-style-type: none"> • Verification support • Connect with others 	<ul style="list-style-type: none"> • Semantics of VDM++ • 1000 downloads • Broaden developer base 	<ul style="list-style-type: none"> • Continuous verification

Some Discussion Points

- VDM4Requirements: links to other “pre-formal” techniques?
- The trusted toolchain – is it a proof of concept or is there really a user community?
- Extensibility: is this a general issue we should address?
- The future of verification: managing prover feedback