PDL – Parameter Description Language 1.0

RFC page	PDL 1.0
Start RFC	15-Nov-13
End RFC	13-Dec-13
Start TCG Review	5-Feb-14
End TCG Review	5-Mar-14
Start Exec Review	19-May-14
REC date	23-May-14

	YES	Yes, but	NO	Comments to be brought to the Exec
WGs				
Apps	1			Various comments taken into account in new version
DAL	1			Various comments taken into account in new version
DM	1			
GWS	1			
Registry	1			
Semantics	1			Various comments taken into account in new version
TCG	1			
IGs				
DCP				
Education				
KDD				
Standards and Processes				
Theory	1			
Time Domain				

	YES	Yes, but	NO
TOTAL	8	0	0

Ref. Implementation 1	A standalone dynamic client. It embeds the automatic generation of the verification layer. This development has shown that a PDL description instance can be used for generating the checking algorithms and for generating a client with a dynamic-intelligent behavior helping the user in interacting with a service. This client could be used for interacting with services exposed using different job systems. The repository is https://code.google.com/p/vo-param/ which hosts also the PDL XSD schema.
Ref. Implementation 2	The Taverna Plugin. It is strongly oriented towards general physical and scientific interoperability. It uses the PDL description (including semantics aspects) for validating the 'chaining' of jobs composing a workflow. The repository for this implementation is at https://github.com/wf4ever/astrotaverna.
Implementation Validator	See above

Recommendations to EXEC	PDL 1.0 has gone through the REC, and has received approval from the TCG members. There are two reference API implementations available in both a standalone client and a Taverna plugin. The TCG recommends the IVOA Exec to approve PDL 1.0 as an IVOA Recommendation.