Graphical interface = .tcl files + fortran executables
Language = Tcl/tk
Linux → ok
Windows → Msys or Cygwin
Aim: extraction from DB.

Input: contour, DB description file.

Parameters: times, depth, positions, data nature, data type, quality criterion, ...

Output: long., lat., value.

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Diva Graphical Interface
Mesh Generation

- **Input**: contour file.
- **Parameters**: 2D/3D uniform/non uniform reference length, surface coefficient, smooth number.
- **Output**: mesh file → mesh topology
Input: data + mesh.

Parameters: reference field, output grid

Output: analysed field + error map.
direct visualization with interface: PlPlot \rightarrow incompatibility
contour and mesh \rightarrow Matlab script meshvisu.m
analysed field and error map \rightarrow Matlab script
NetCDF output \rightarrow Ncview, Ncbrowse.
Examples

Data + Contour

Mesh

Analysis

Error

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Diva Graphical Interface
Conclusions

+ easy and quick to use
+ save/load configuration
+ still evolving product

- visualization to be coupled with the interface
- NetCDF output

... → I expect your feedback!!