

- **FLUENT for CATIA V5**

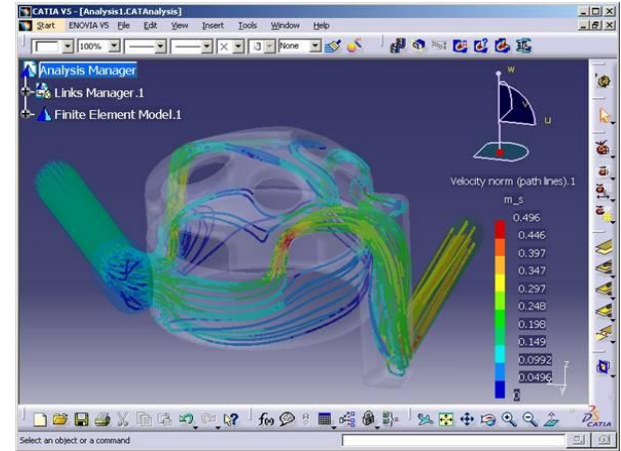
*Rapid flow modeling Dedicated to designers (non CFD specialists)*

- Automated flow volume extraction and meshing
- Simulation set-up and automated solution steering
- Knowledge based design optimization

*Some applications...*

Fluids are everywhere: air, water, oil, glass, gas, steel, yoghurt, tooth paste, cement,...

- Flows in ducts, pipes, and manifolds
- Flows around obstacles, including aerodynamics
- Heat exchangers and HVAC systems
- Automotive engine cooling and powertrain design,...



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|           |                                 |
|-----------|---------------------------------|
| CATIA MD2 |                                 |
| Coreq     | GPS                             |
| Prereq    | FMS<br>FMD<br>EST<br>GAS<br>PEO |