

Crayfish - View, animate and analyse model outputs in QGIS

Introduction

Crayfish

What is Crayfish?

Lutra Consulting

- ▶ Core QGIS developers
- ▶ General (GIS) software/web development
- ▶ Hydraulic modelling

Plan

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Crayfish

What is Crayfish?

About Crayfish



- ▶ A C++/python QGIS plugin
- ▶ Reads temporal datasets
- ▶ Supports structured/unstructured mesh

Supported file formats

Hydraulic modelling packages:

- ▶ SMS (Map) Output binary and ASCII (.dat Files)
 - ▶ Hydro_AS-2D
 - ▶ BASEMENT
 - ▶ TUFLOW
 - ▶ Flood Modeller Pro 2D
- ▶ Selafin files
 - ▶ TELEMAC 2D
- ▶ SWW format
 - ▶ AnuGA
- ▶ HDF format
 - ▶ Hec RAS 2D
 - ▶ TUFLOW (xmdf: based on HDF5)