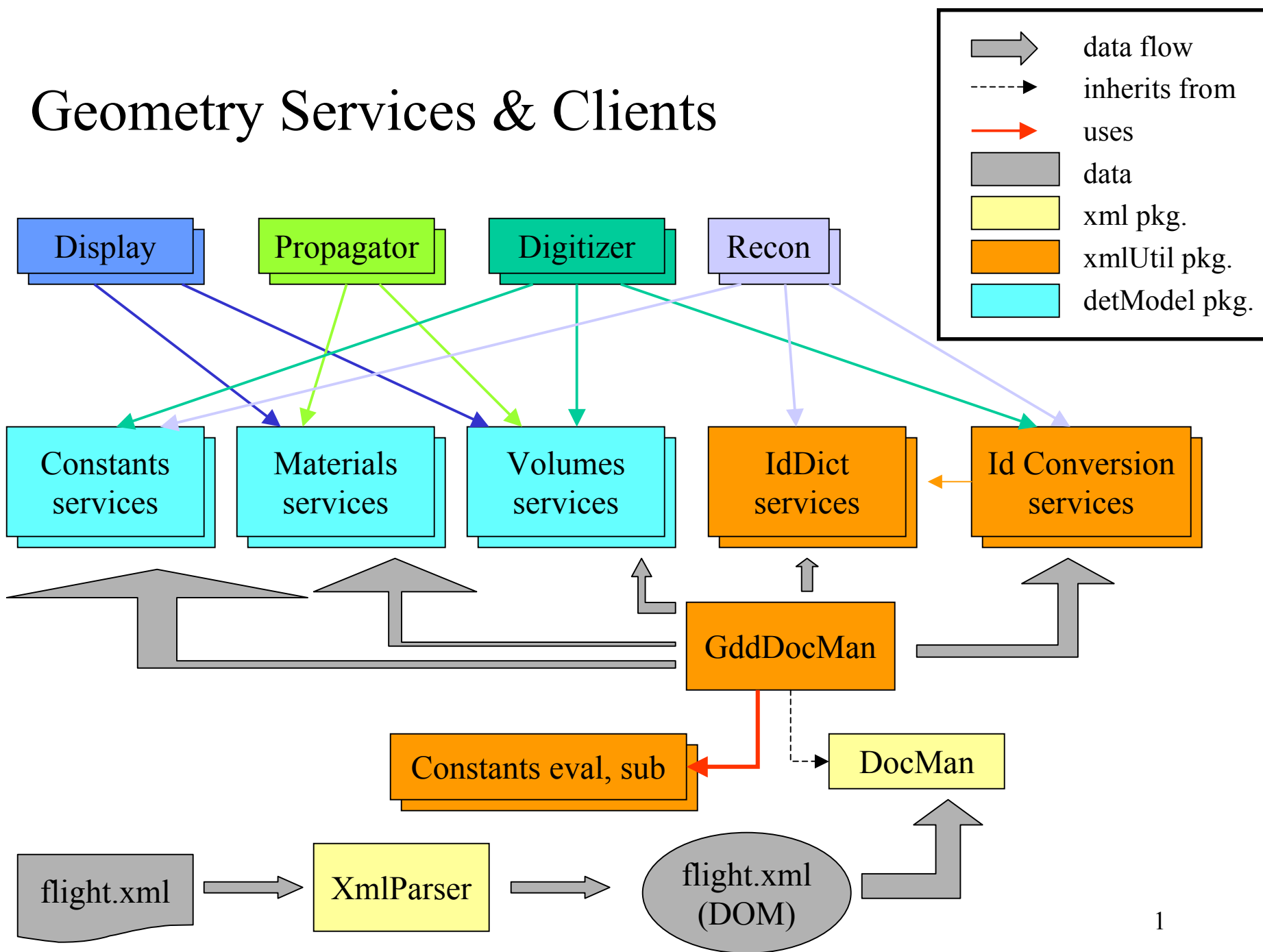


Geometry Services & Clients



Notes

A simple box represents a class; stacked boxes represent a collection of classes which provide related services or parts of a single service.

Associated with any data flow (grey arrow) there is implicitly a "uses" arrow. These arrows have been omitted to avoid clutter.

The "uses" arrows connecting the clients on the top line with the different data services below are not necessarily exhaustive. For example, if Recon is to do extrapolation it will need to know details of volume placement and materials just as the Propagator does.

Other internal "uses" arrows might also be added. For example, detModel might check that the volume identifiers arising from flight.xml are valid with respect to an id dictionary (add an arrow from "Volume services" to "IdDict services").

I've left out any mention of Gaudi, but presumably it mediates all interactions between the clients on the top row and services beneath.