

Description and usage – Combined scripts

This document describes the use of combined scripts handling IFC to SGP conversion, area and height calculation of building model, reading and displaying a detailed development plan GitHub repository *Testbed_BIM_GIS*. The scripts are developed in the software FME (Feature Manipulation Engine) version 2017.1.

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History

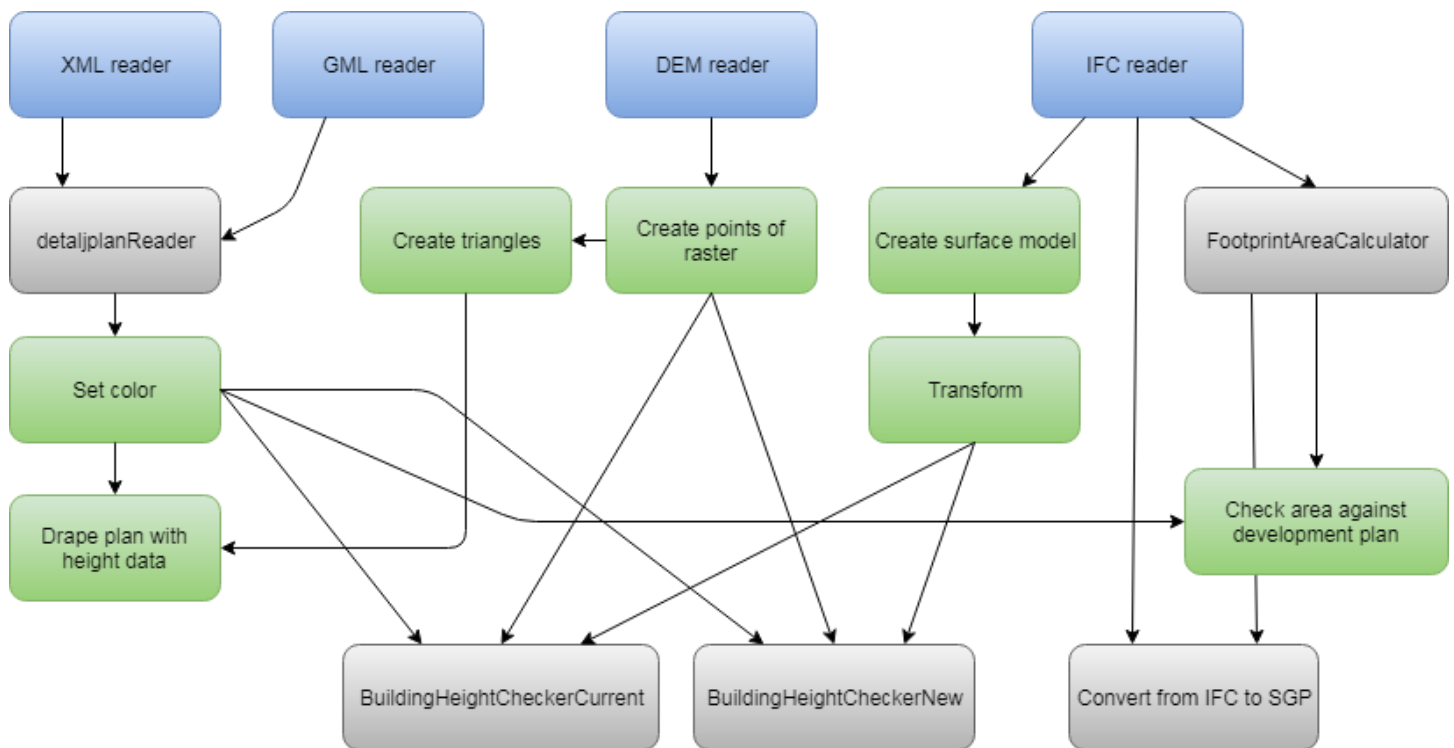
Version	Date	Comments	Person
1.0	2018-07-06	First version of this document that describes the script	Josefine Axelsson

Combined script

Description

This combined script uses the different custom transformers developed in the testbed. Custom transformers and methods used in the script:

- FootprintAreaCalculator
- detaljplanReader
- BuildingHeightCheckerNew
- BuildingHeightCheckerCurrent
- Convert from IFC to SGP



Usage

Custom transformers and the connection are described in separate *Description and usage*.

- FootprintAreaCalculator - *Description and usage - Building footprint area*
- detaljplanReader - *Description and usage - Detailed development plan reader*
- BuildingHeightCheckerNew - *Description and usage - Height*
- BuildingHeightCheckerCurrent - *Description and usage - Height*
- Convert from IFC to SGP - *Description and usage - IFC to SGP 3.0 LOD1 & LOD2*