

LADM Mozambique

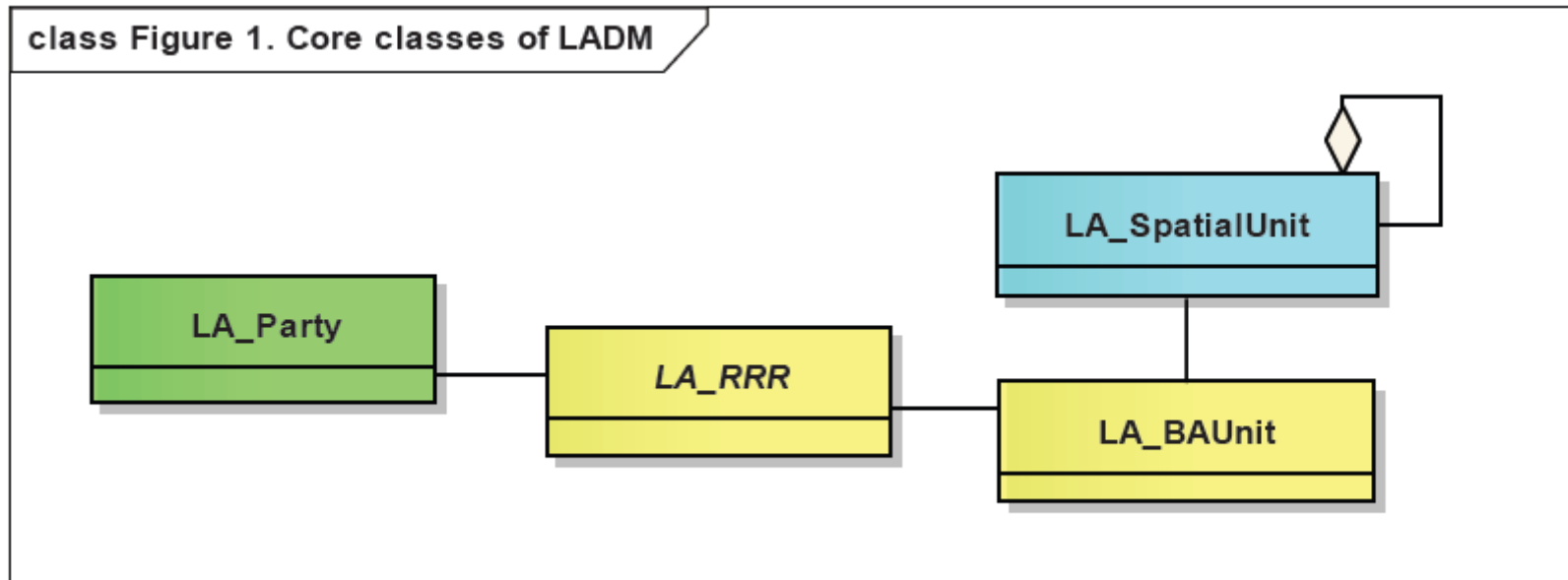
Delft, The Netherlands

March 16th 2017

Marisa Balas



LADM in SiGIT



- SiGIT was designed with the LADM being the pillar for its architecture.
- There are 3 groups of classes: Party, Administrative and Spatial.
- SiGIT architecture considered however additional extensions, for specific data and land administration processes, including statistics.



sigit

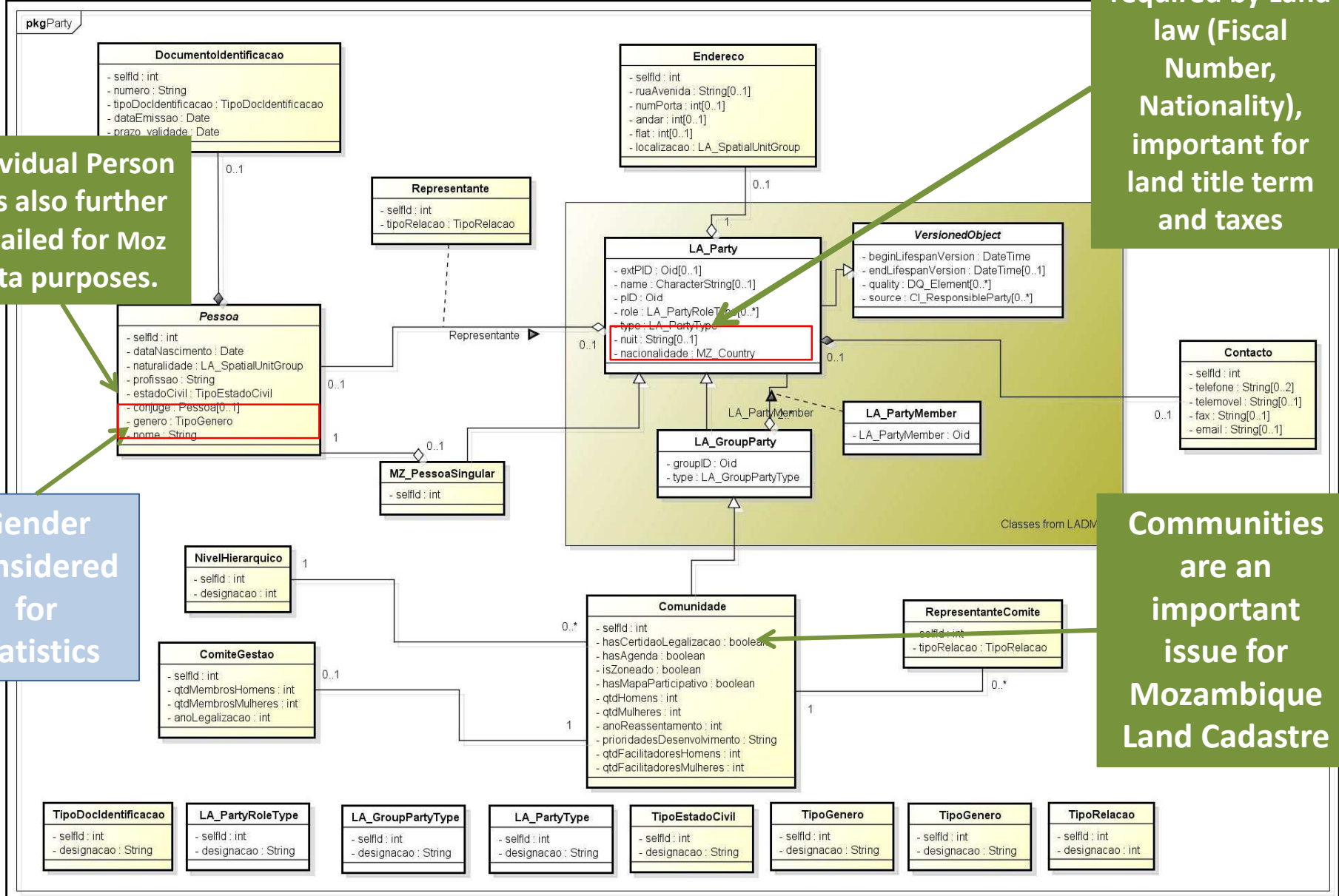
Party Package

New attributes required by Land law (Fiscal Number, Nationality), important for land title term and taxes

Individual Person was also further detailed for Moz data purposes.

Gender Considered for statistics

Communities are an important issue for Mozambique Land Cadastre

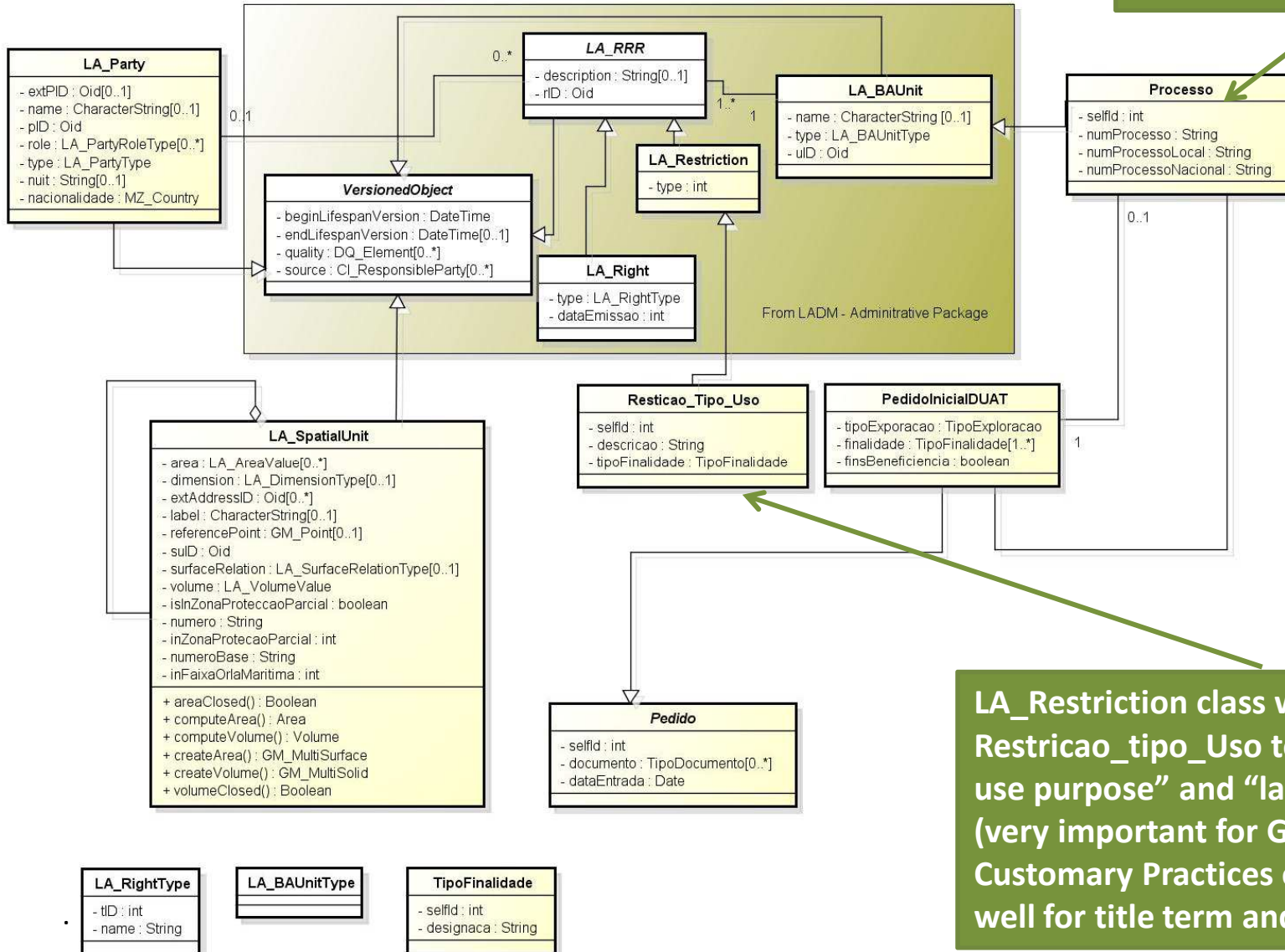




sigit

Administrative Package

pkgAdministrative



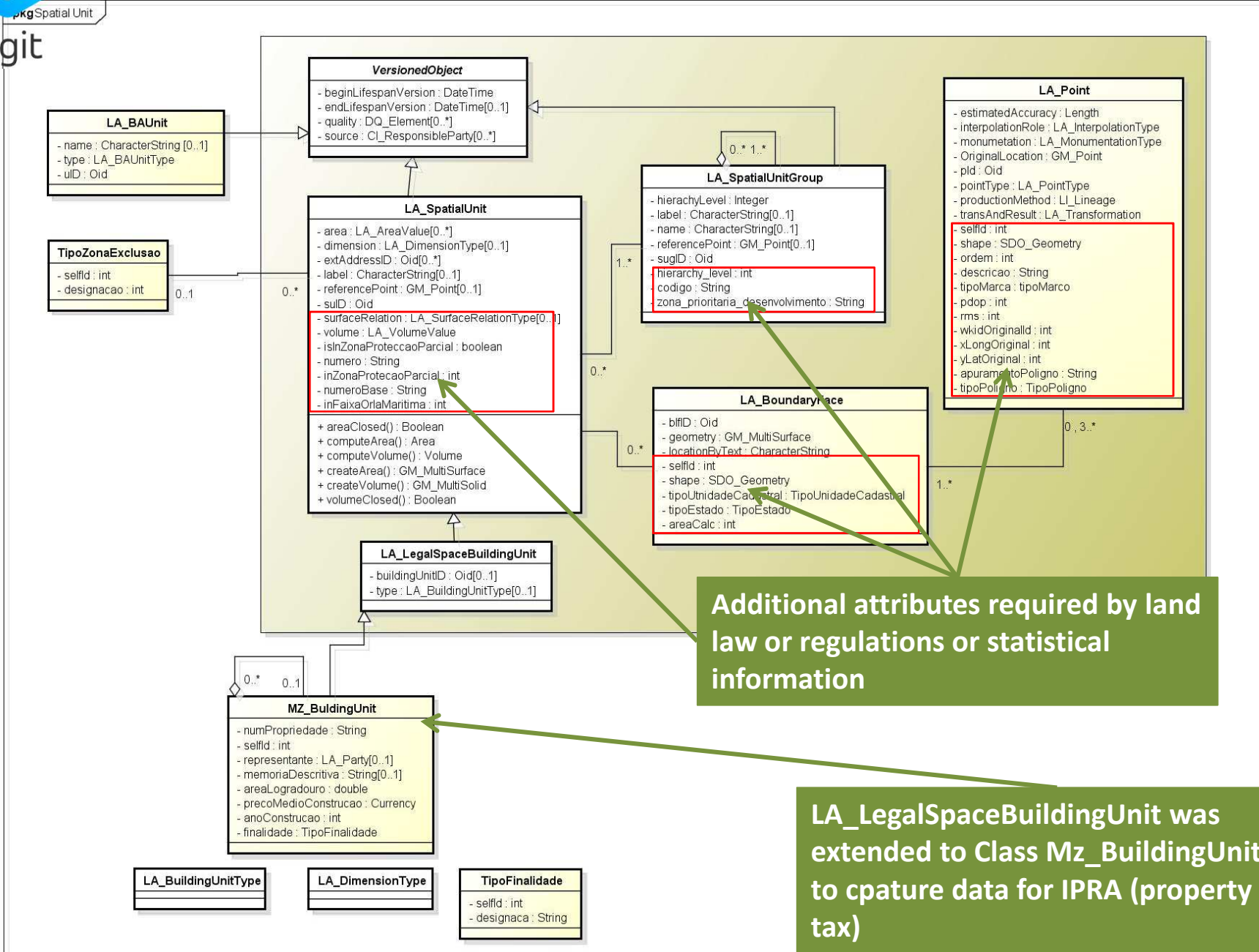
La_BAUnit was extended to Processo to capture administrative data utilized to issue land titles and parcel life cycle.

LA_Restriction class was extended to Restricao_tipo_Uso to include "land use purpose" and "land use type" (very important for Good faith and Customary Practices occupations, as well for title term and taxes)



Spatial Package

sigit



Additional attributes required by land law or regulations or statistical information

LA_LegalSpaceBuildingUnit was extended to Class Mz_BuildingUnit to capture data for IPRA (property tax)



Considerations for SiGIT Data and Application Architecture

During the research for the implantation of the LADM some issues were taken in account:

- A parcel must have a complete shape of its boundaries, and all vertices must be recorded. A minimum of 3 vertices is required;
- Mozambican law indicates that parcels must be contiguous, i.e., cannot be divided by rivers, or roads. In this case, two parcels or more are created;
- A parcel cannot go over a provincial boundary. If so, two or more parcels are created;
- There are no ownership rights over the land, just LAND USE RIGHTS;
- The Protection of women, orphans and other vulnerable groups is also important and therefore must be part of the decision making process. Example an orphan is entitled to have a land title but requires a legal guardian;
- A parcel must have its entire life cycle embedded into the application.