

An initial design of ISO 19152:2012 LADM based valuation and taxation data model

Volkan Çağdaş
Yıldız Technical University, Turkey

Abdullah Kara
Yıldız Technical University, Turkey

Peter van Oosterom
Delft University of Technology, The Netherlands

Chrit Lemmen
Delft University of Technology, The Netherlands

Ümit Işıkdağ
Mimar Sinan Fine Arts University, Turkey

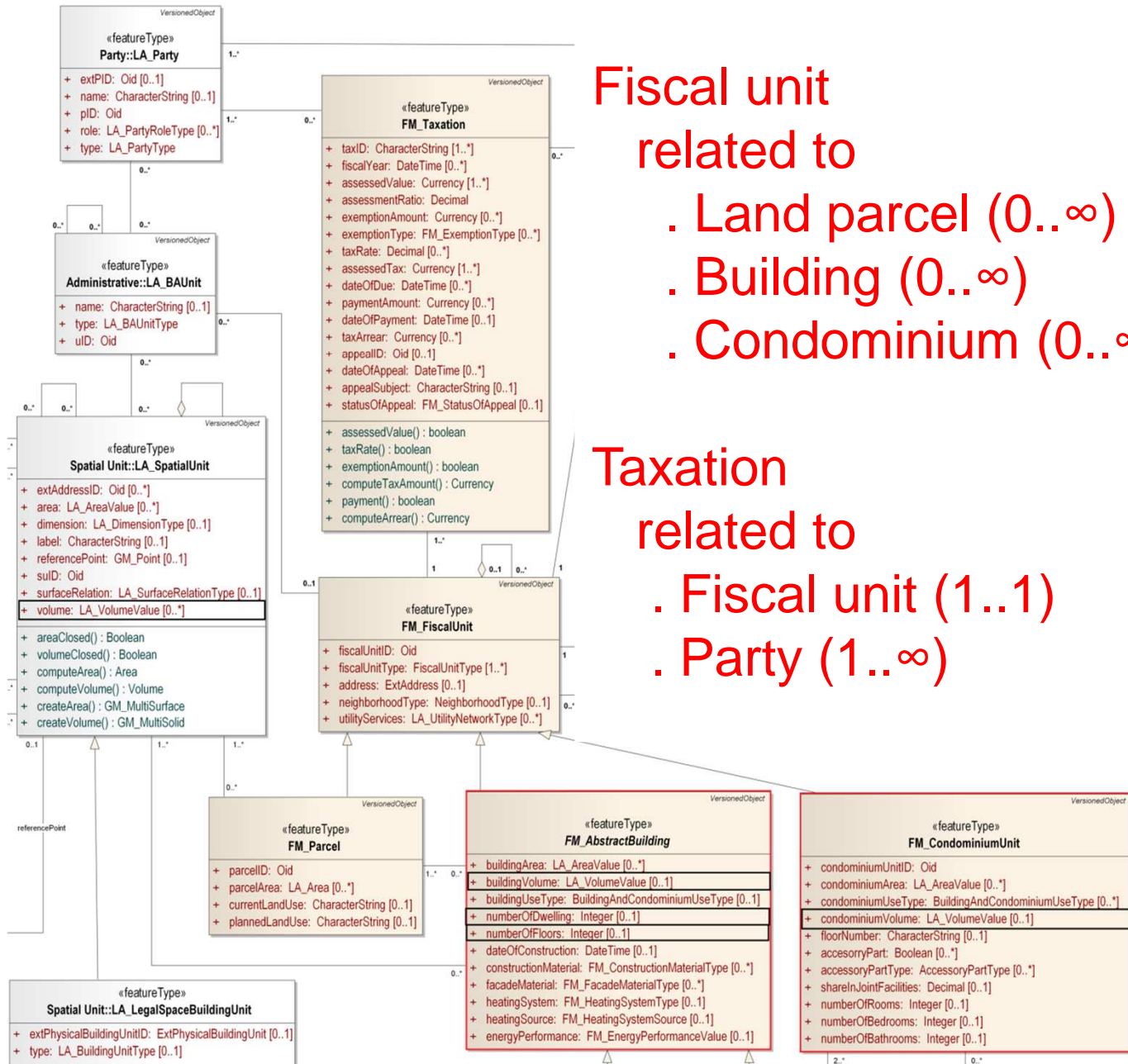
Ruud Kathmann
Netherlands Council for Real Estate Assessment, The Netherlands

Erik Stubkjær
Aalborg University, Denmark

Why fiscal / valuation extension

1. Taxation important reason for setting up land administration
2. Taxation important for finances for land administration system
3. Dynamic land administration to deal with changes in tax-system
 1. Taxes on land; taxes on building; taxes on real estate
 2. Area based taxes, value based taxes, fixed amount
 3. Taxes for owners, taxes for users

LADM + Fiscal extension module: core



LADM + Fiscal extension module: valuation module

