LandXML

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LandXML
ePlan in Australia

- **LandXML1.2**
  - International Standard
- **National ePlan Schema**
  - Common structure and elements for Australia
- **Jurisdiction ePlan Schema**
  - Specific elements for jurisdictions
- **All schema backwardly compatible**

LandXML 2.0 is under implementation and the draft version can be accessed via http://www.landxml.org/
What is in an ePlan?

- An ePlan contains information in a **cadastral survey** including:
  - Surveying measurements, dimensions of the parcels
  - Interests in land e.g. easements
  - Land parcel descriptions and identifiers
  - Administrative information e.g. municipality
  - Owners corporation schedules
  - Survey marks, traverses and connection to title
  - Textual annotations
  - Plan approval status
Current and Future Capabilities

• Current
  • Digital Plan Lodgements
  • Digital Plan Examination
  • Validation Service
  • Visualisation Service
  • Visualisation Enhancement Tool
  • Available in 9 surveying software solutions

• Future
  • Strata/building plan lodgements
  • Automatic digital cadastre map update
LADM and LandXML

• Lessons learnt
  • Technical and non-technical
12th 3D GeoInfo Conference
26 - 27 October

1st International IAG Workshop on BIM and GIS Integration
25 October

3D Cadastres symposium and training
24 October