

Location-based services in public
buildings:
LIST

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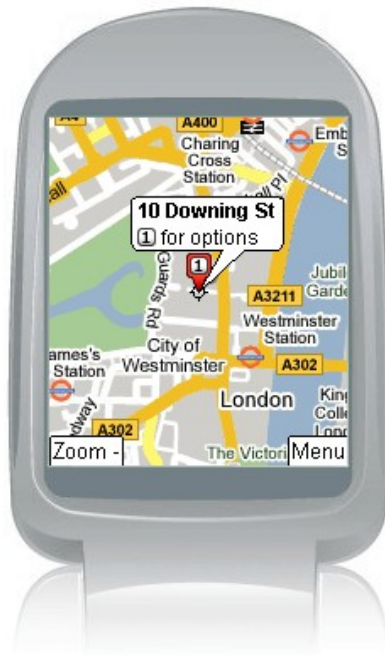
LIST Service

- Location-based service that allows mobile devices users to get detailed information about complex indoor and outdoor environment.

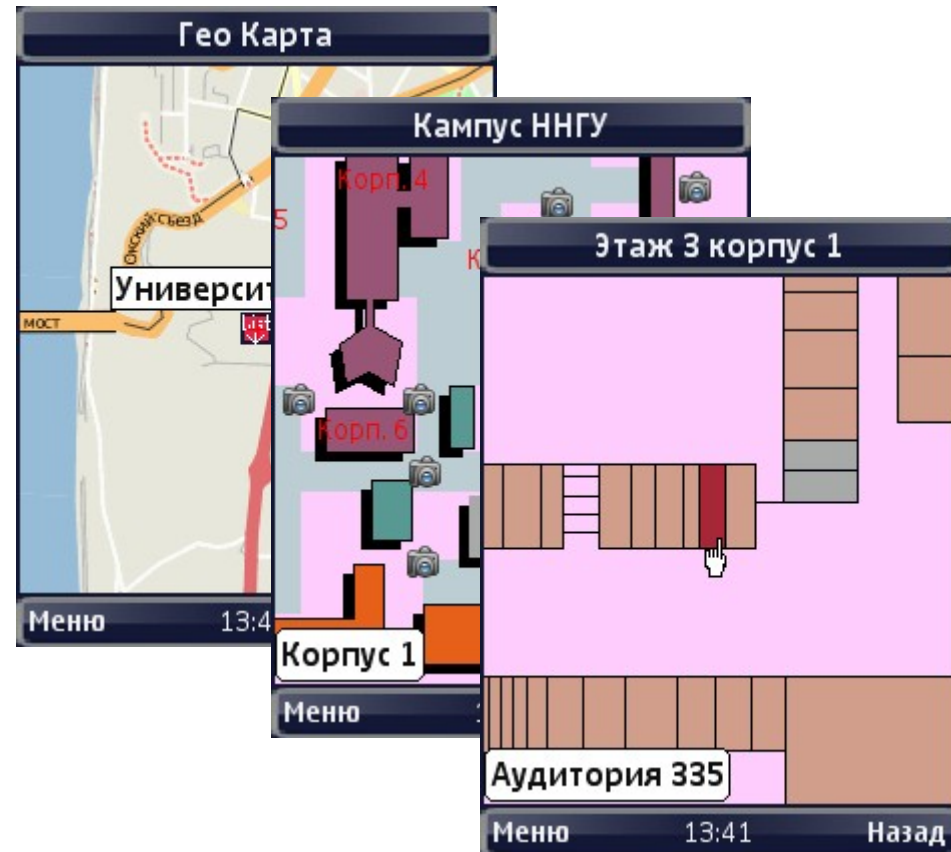


Comparison

GOOGLE maps
macro-level information
city->street->building



LIST
micro-level information
building->floor->room
->object



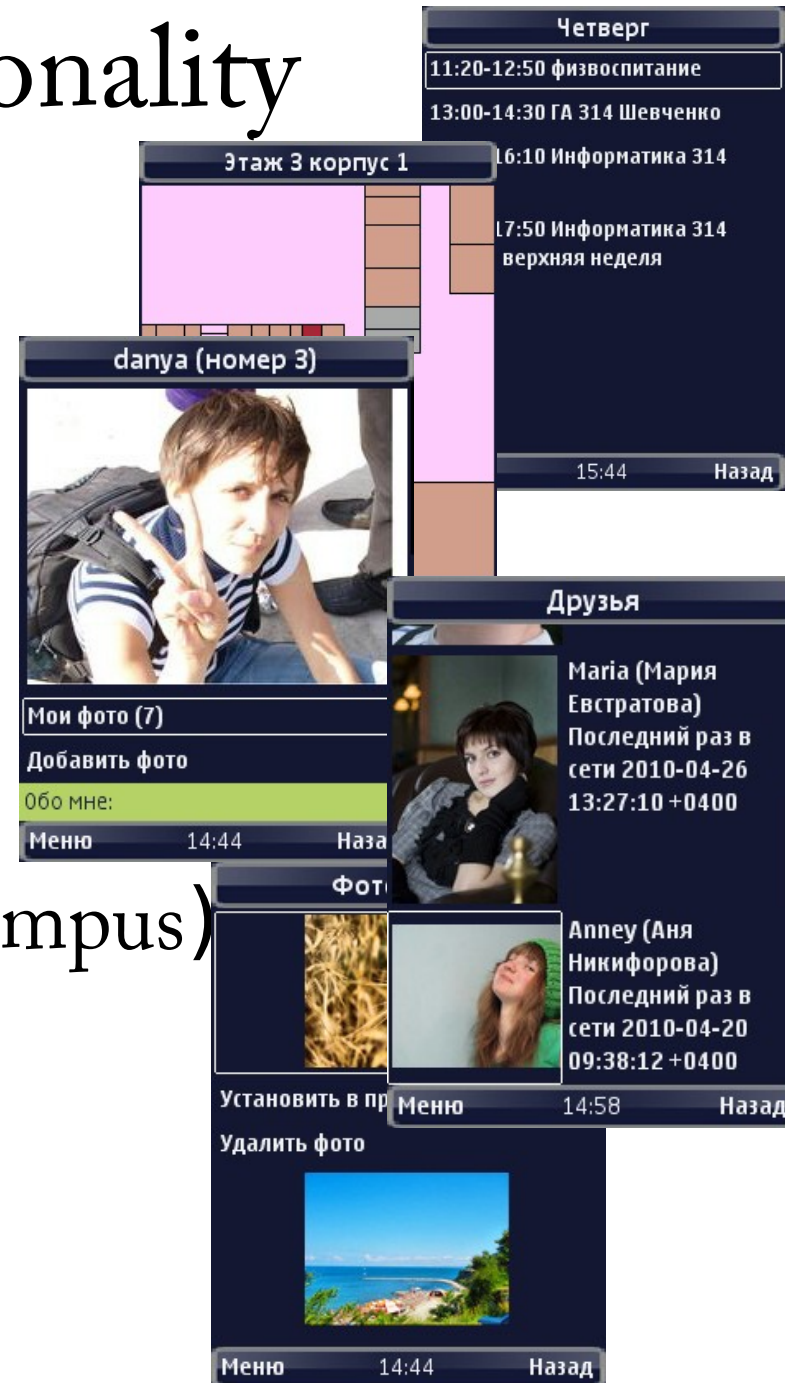
Application areas

- University campuses
- Shopping malls
- Museums
- Airports and train stations
- Convention centers



Service functionality

- Basic
 - Interactive map
 - User's position on the map
 - Info Search
 - Information about objects
- Specific (i.e. for university campus)
 - Class schedule
 - Announcements
 - Mobile social network



System architecture

Search queries (XML), mark
identifiers



Ruby On Rails

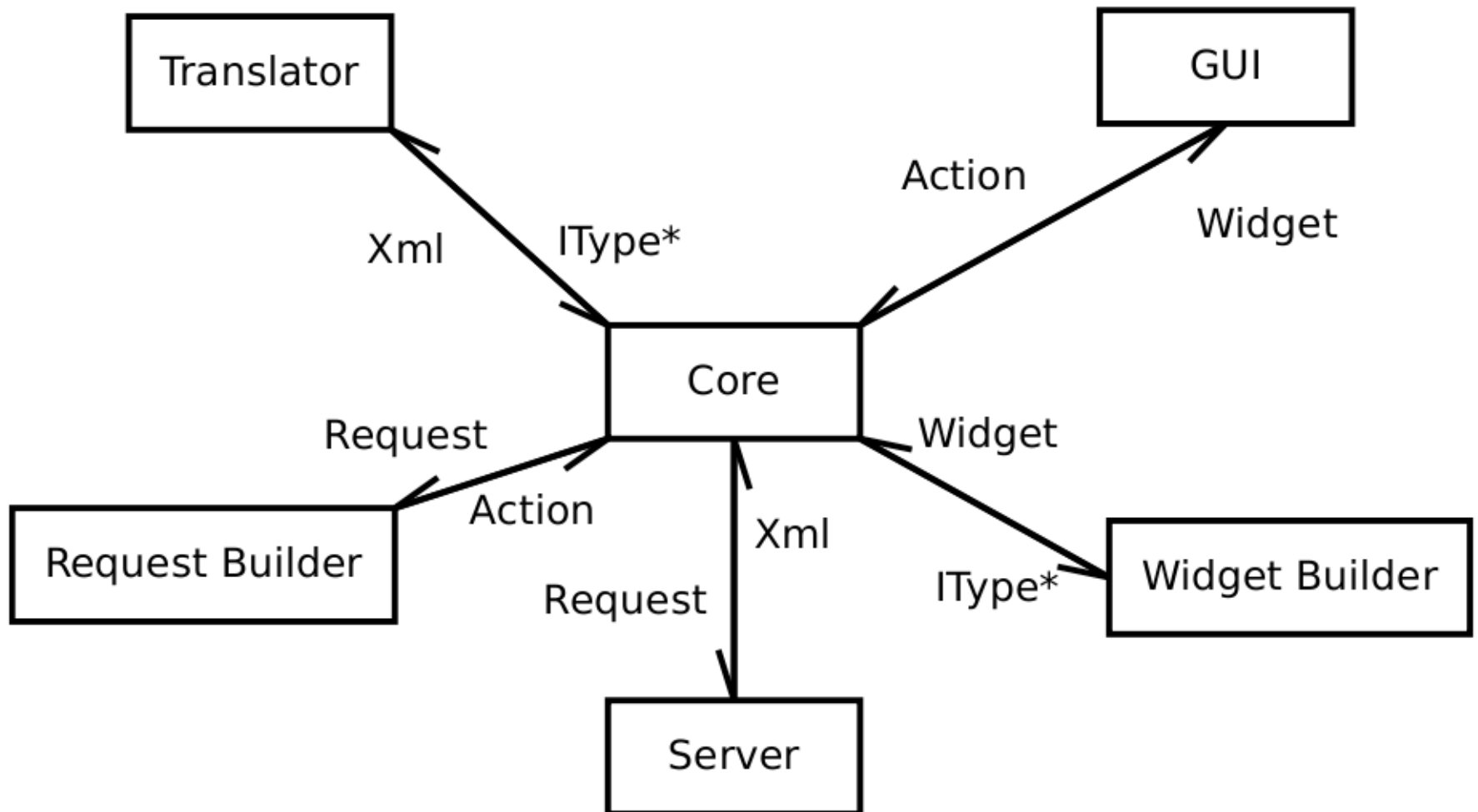


Vector maps(XML)
text, images

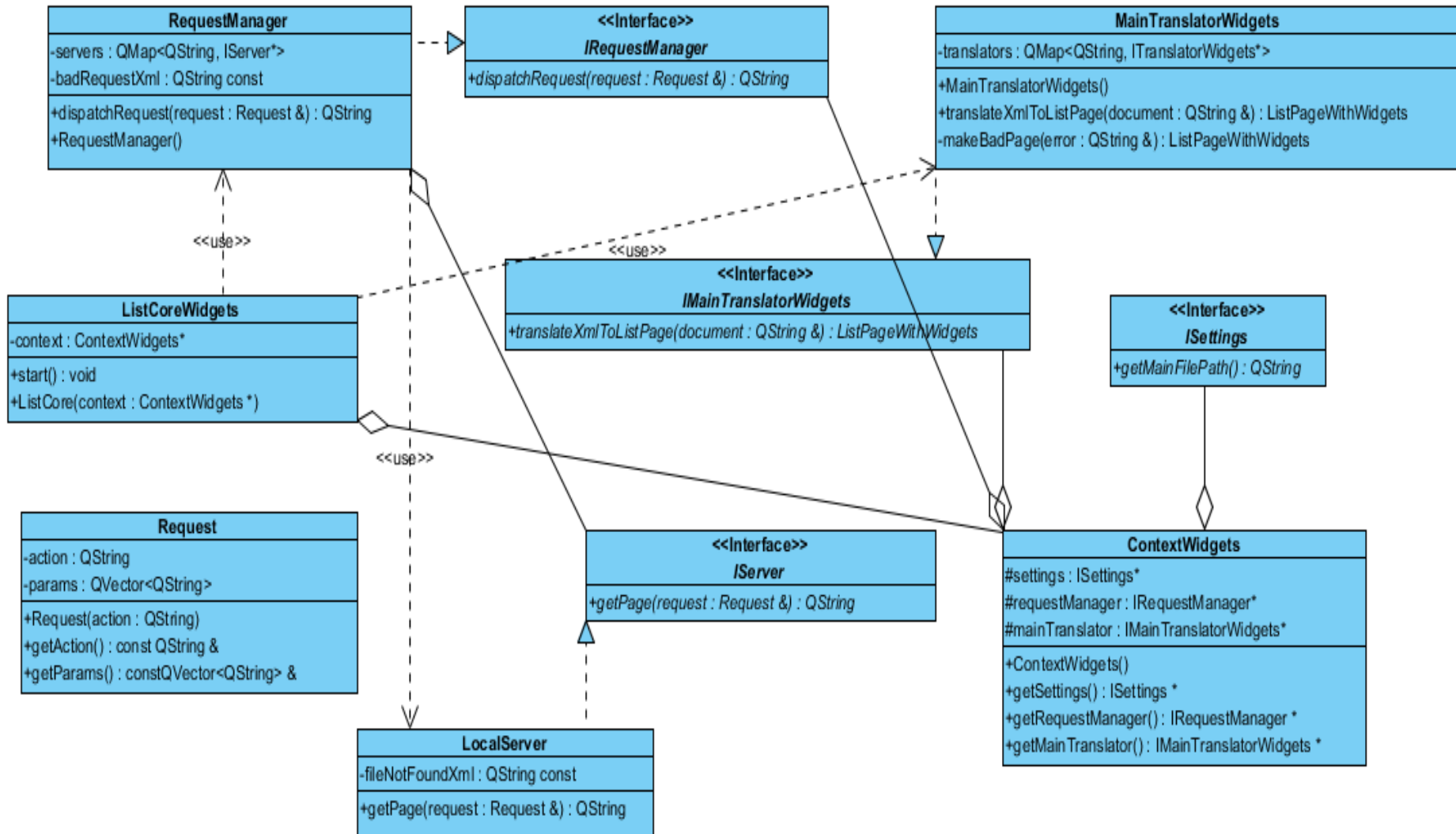


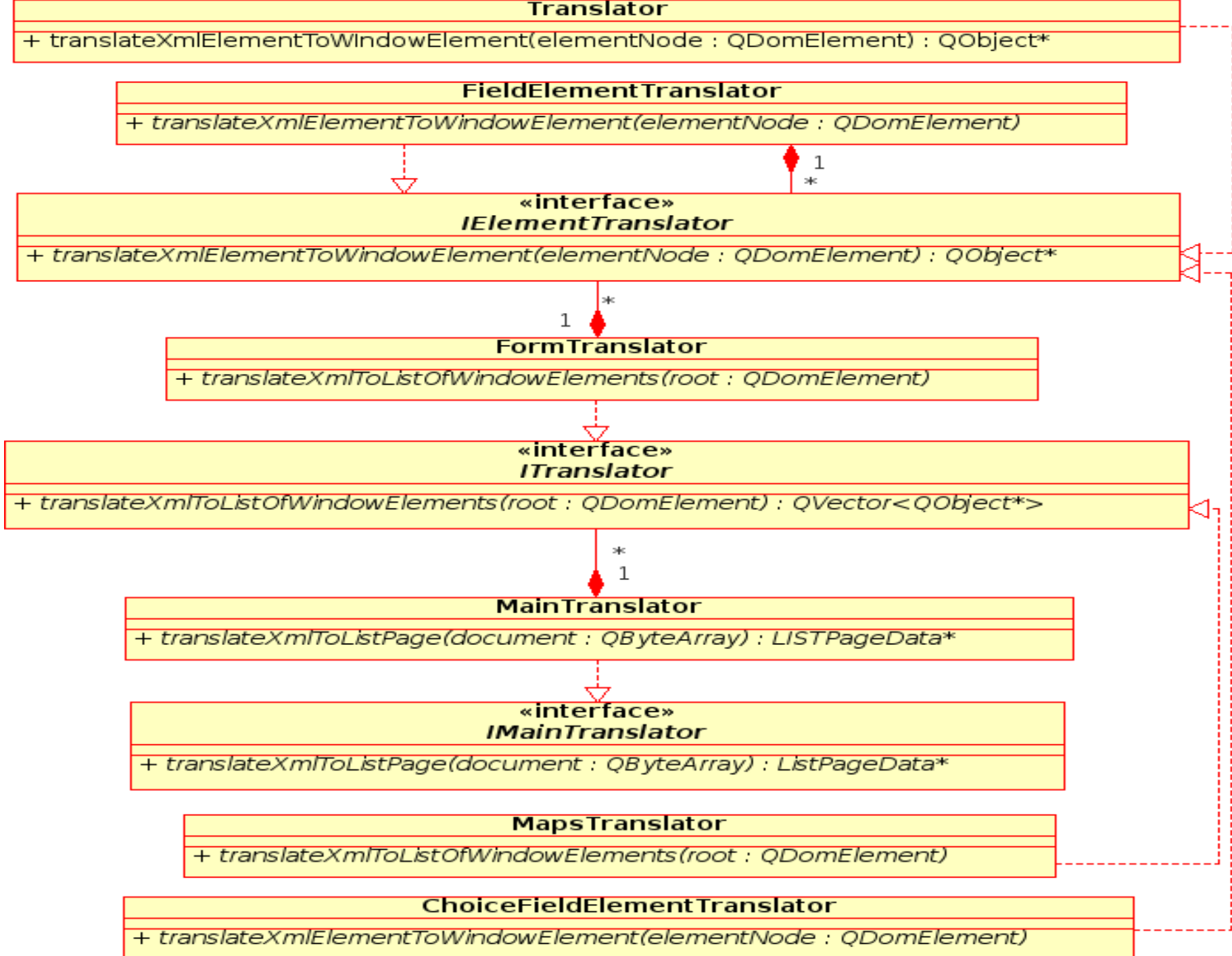
Mobile client

Client architecture



Client architecture





Data types, that need in translation

MenuElement

TextWithAction

Button

Image

Label

TextMultylineField

EmailField

RadioField

PhoneField

ChoiceField

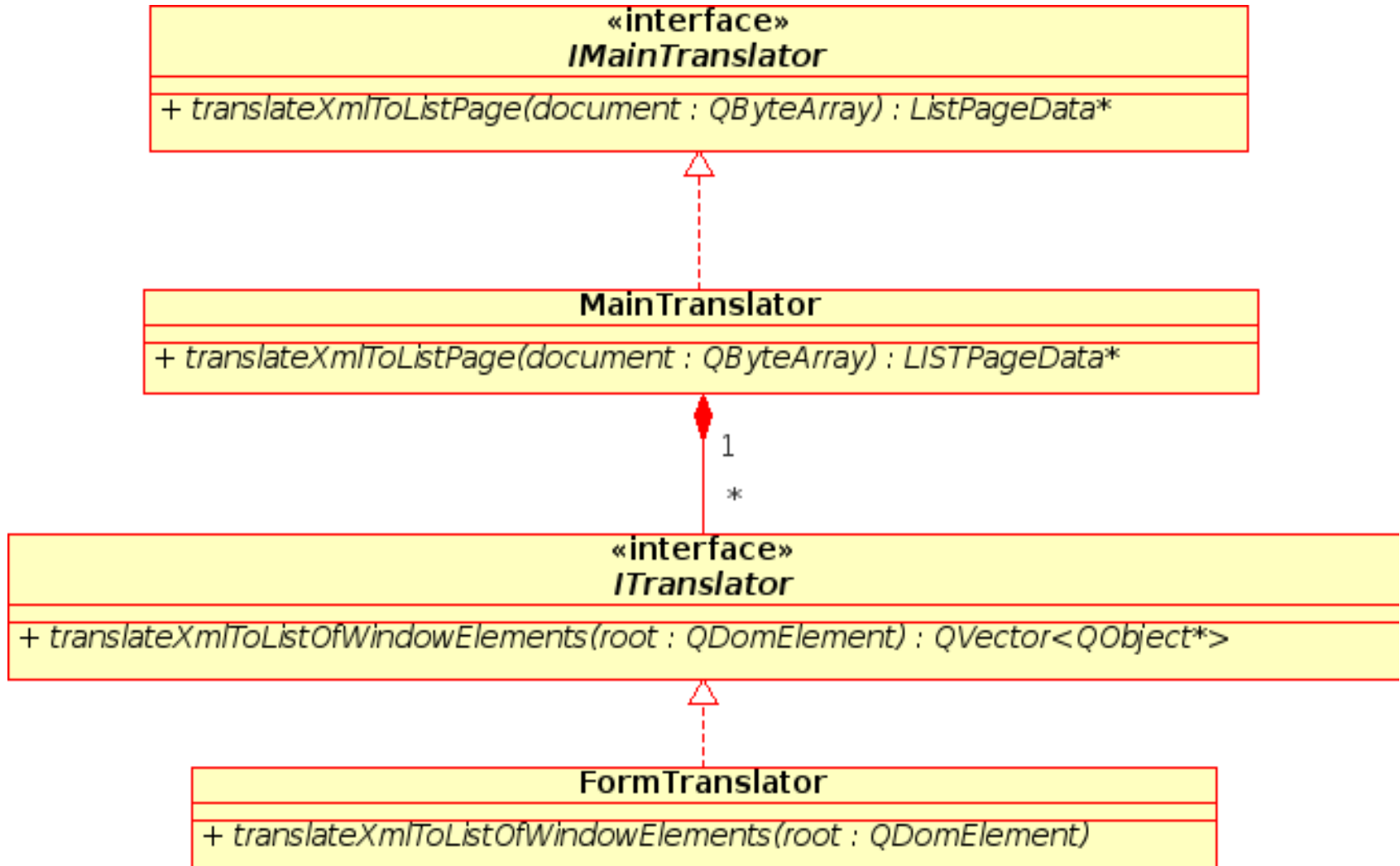
PasswordField

TextField

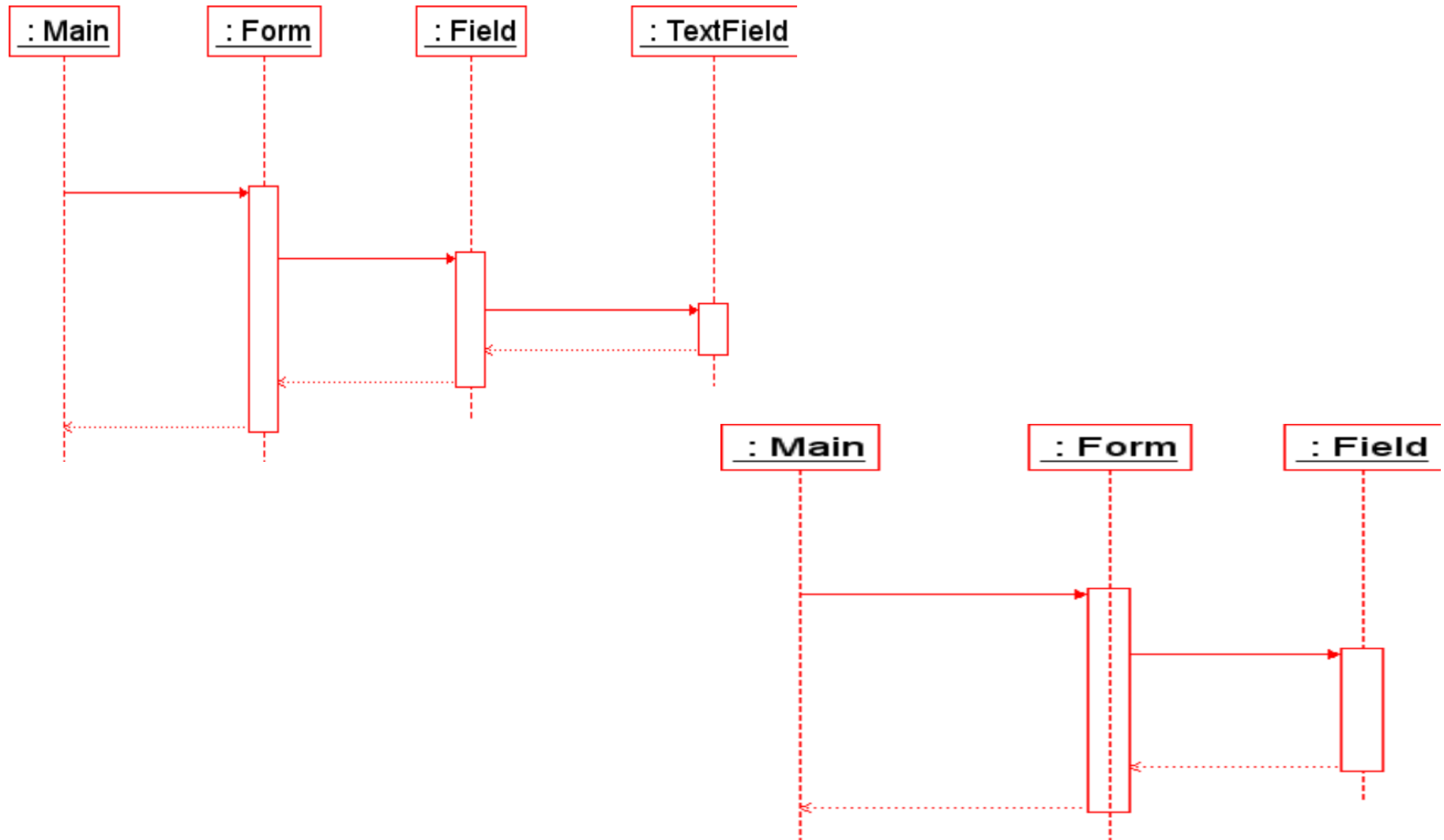
CheckboxField

CameraField

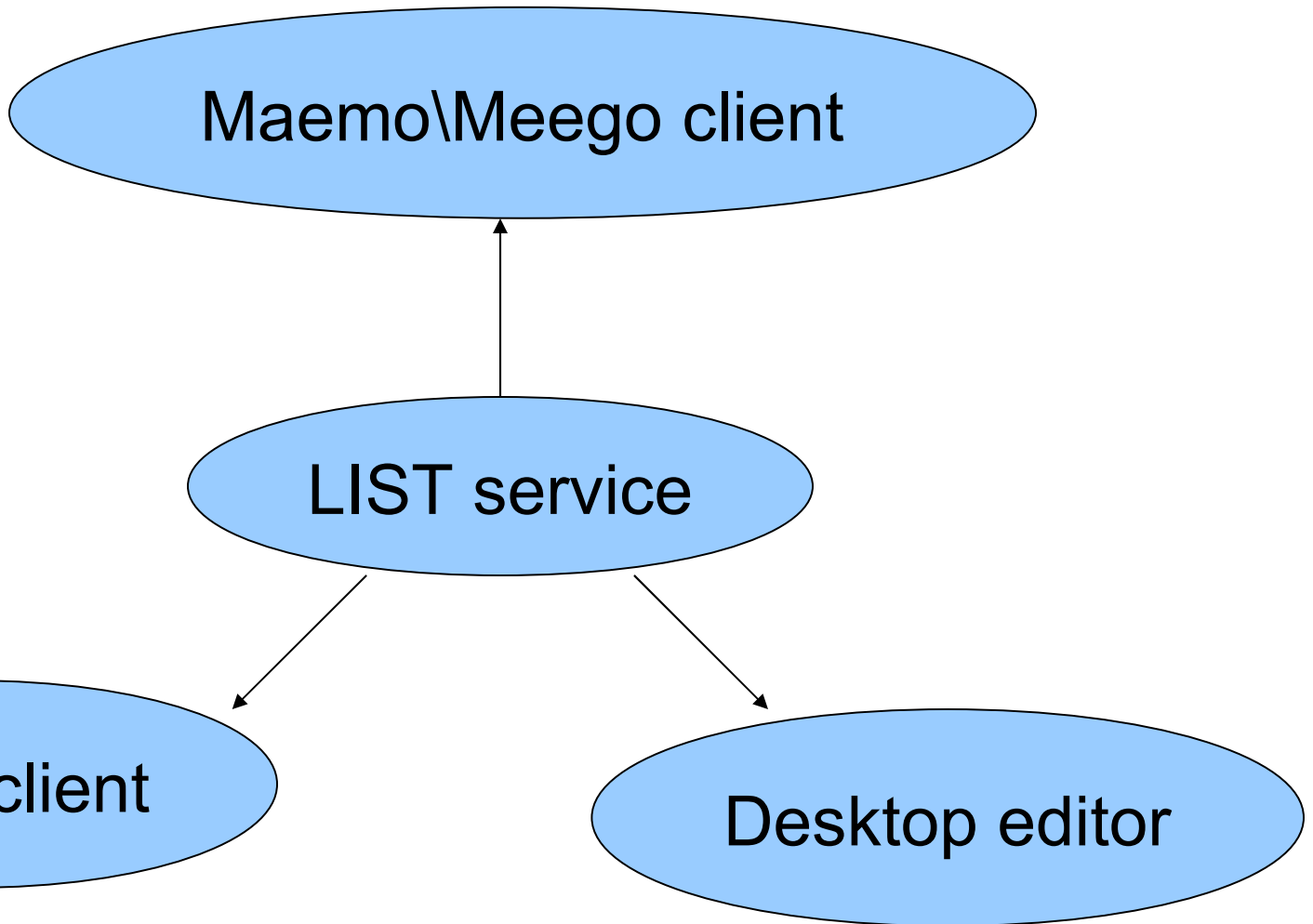
New architecture of translators



Translation process



Project Stage



THANK YOU!

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