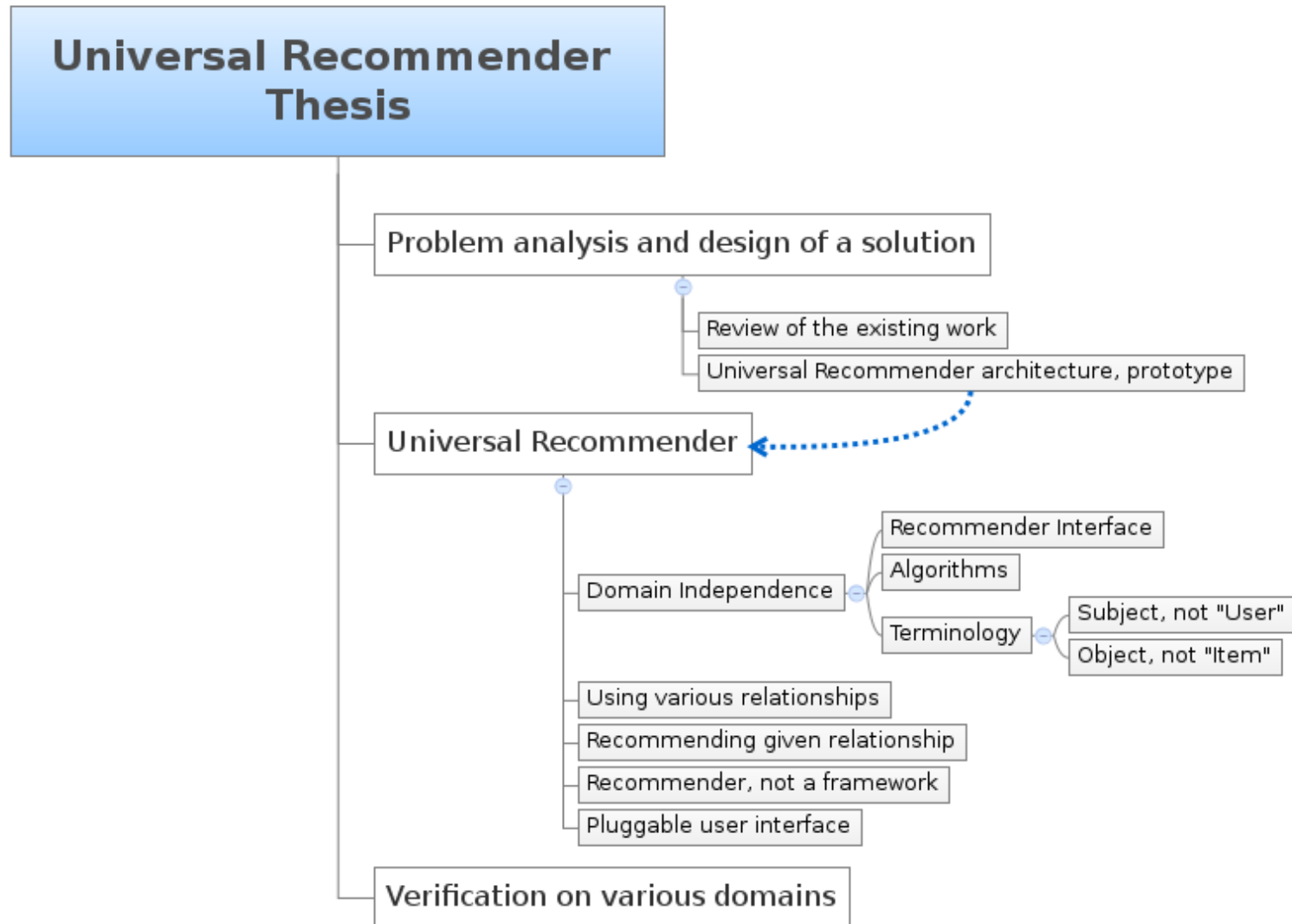


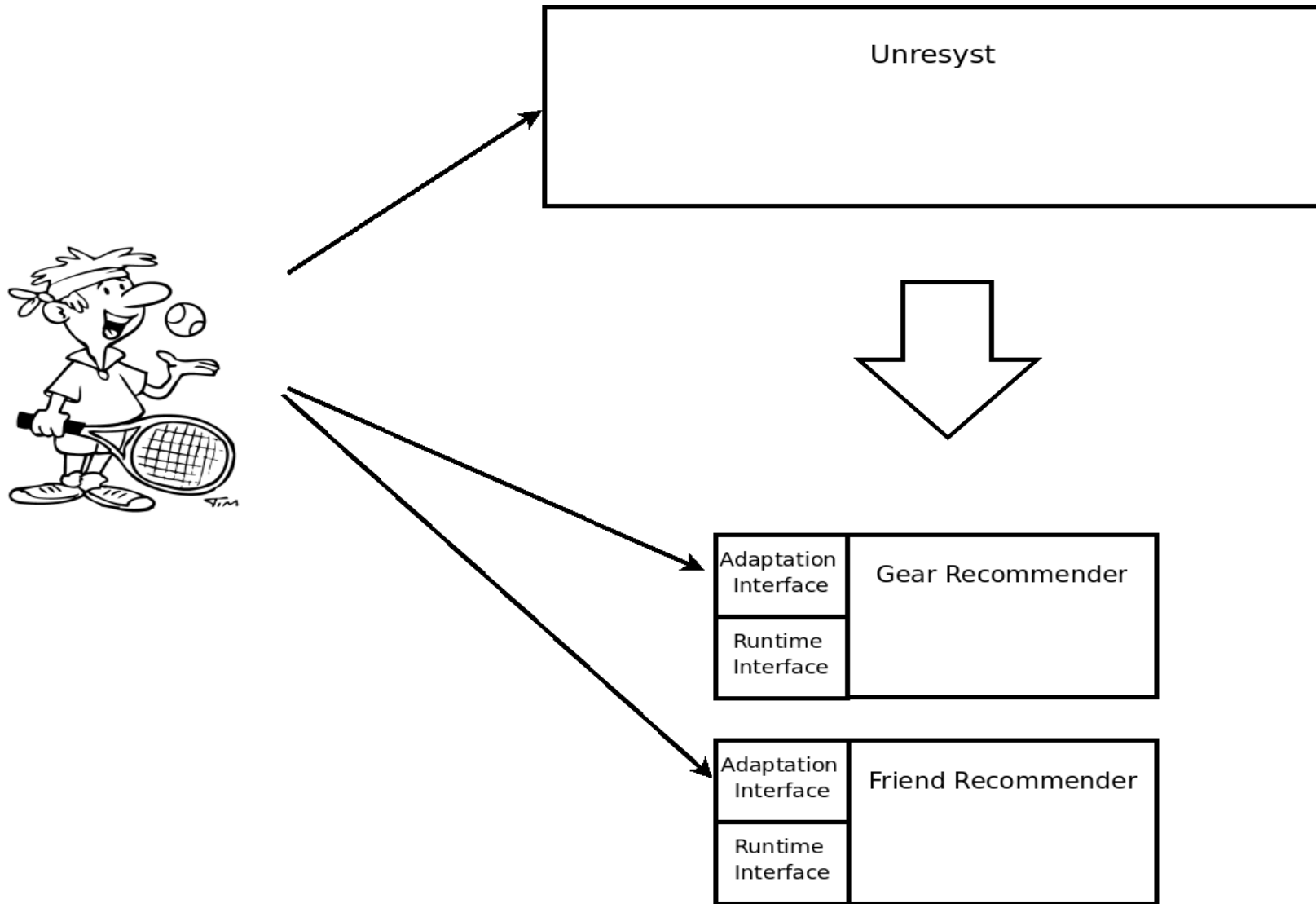
# Universal Recommender System

## Unresyst

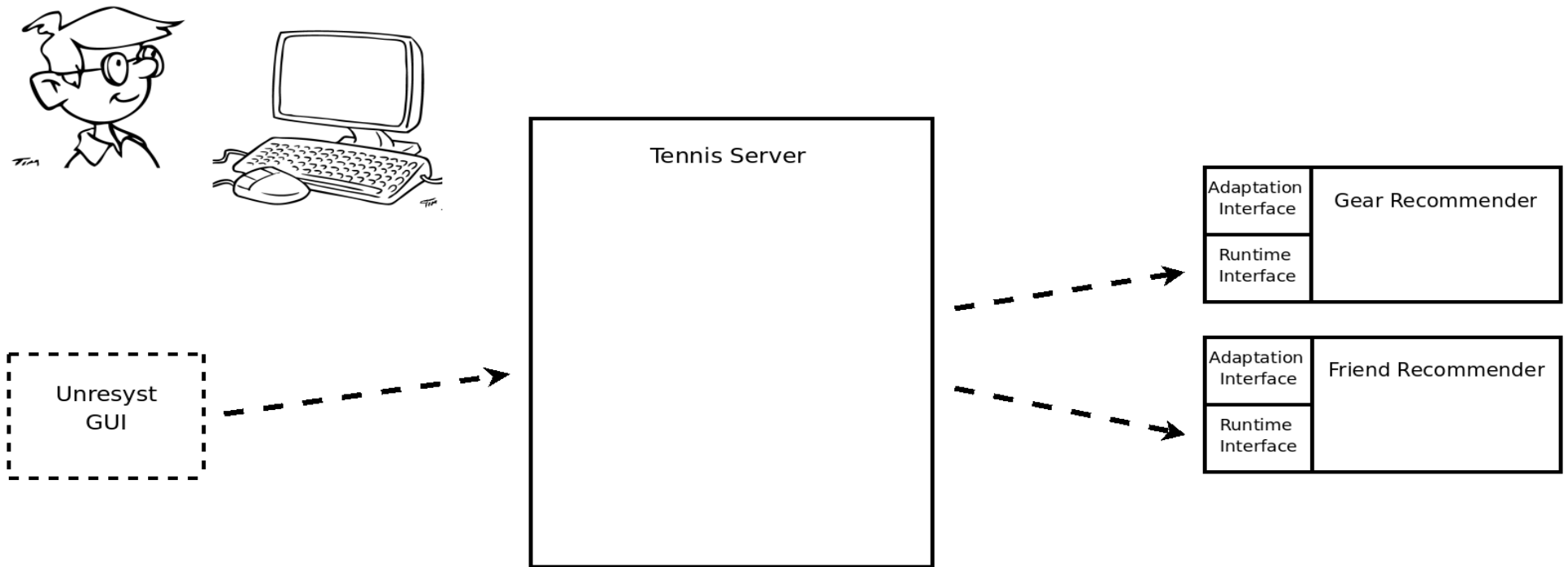
# Thesis Concepts



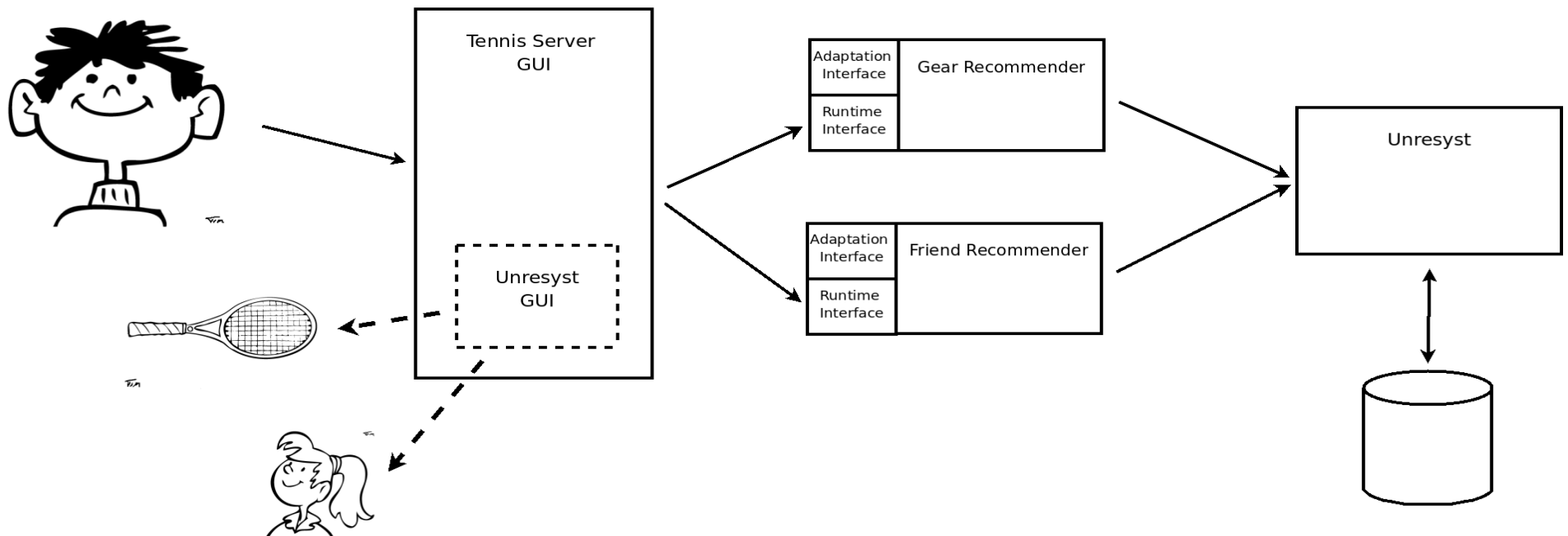
# Unresyst Adaptation Phase



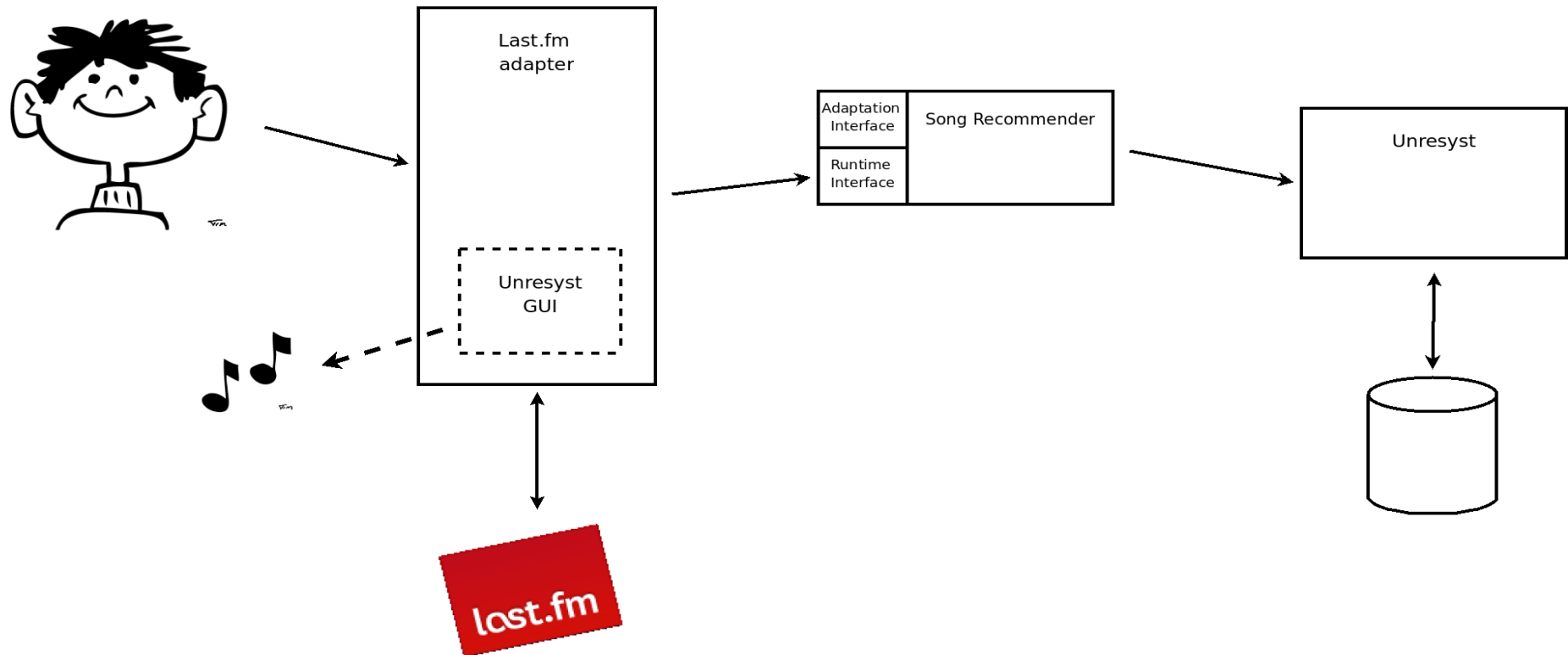
# Unresyst Incorporation Phase



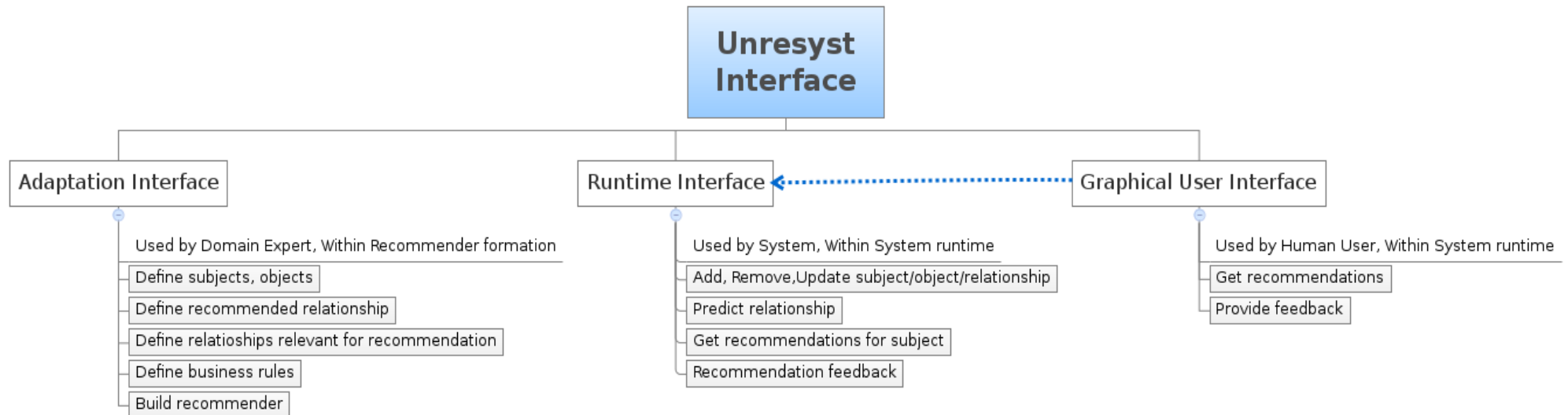
# Unresyst Runtime

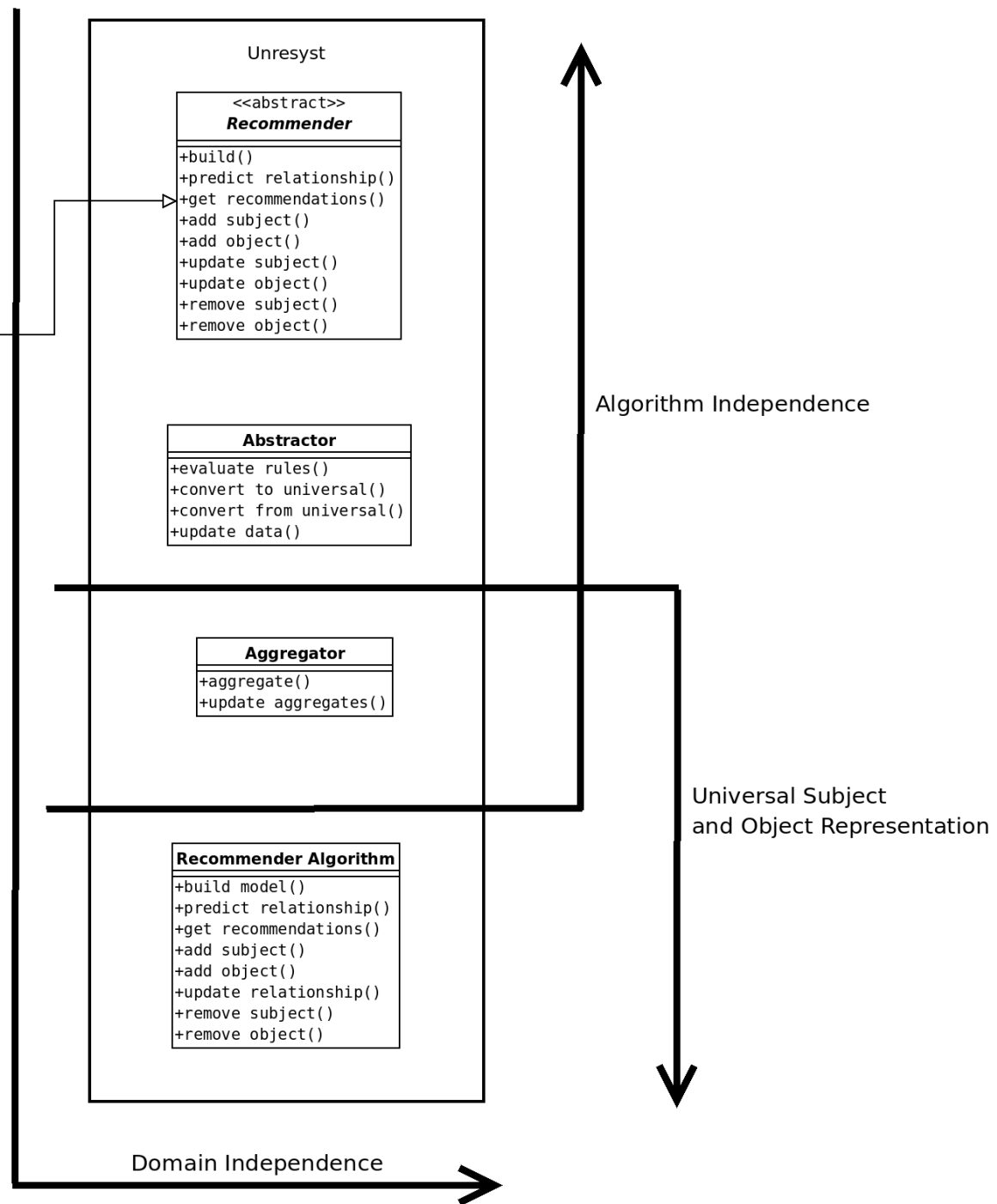
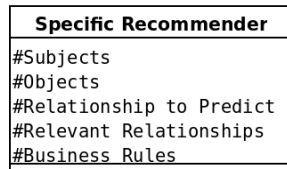


# Using Unresyst in an adapter to a 3<sup>rd</sup> party system

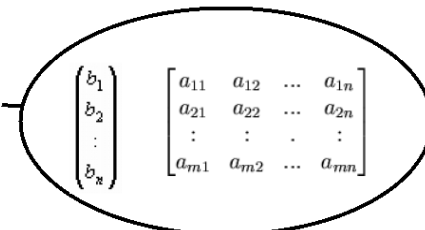
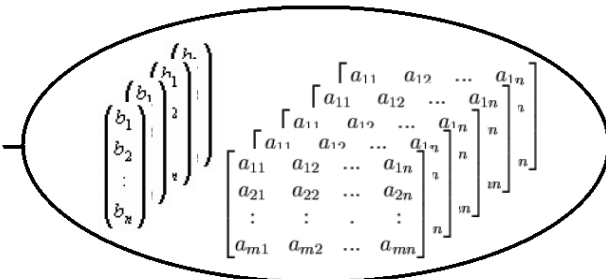
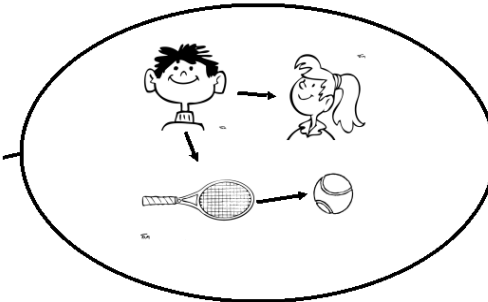
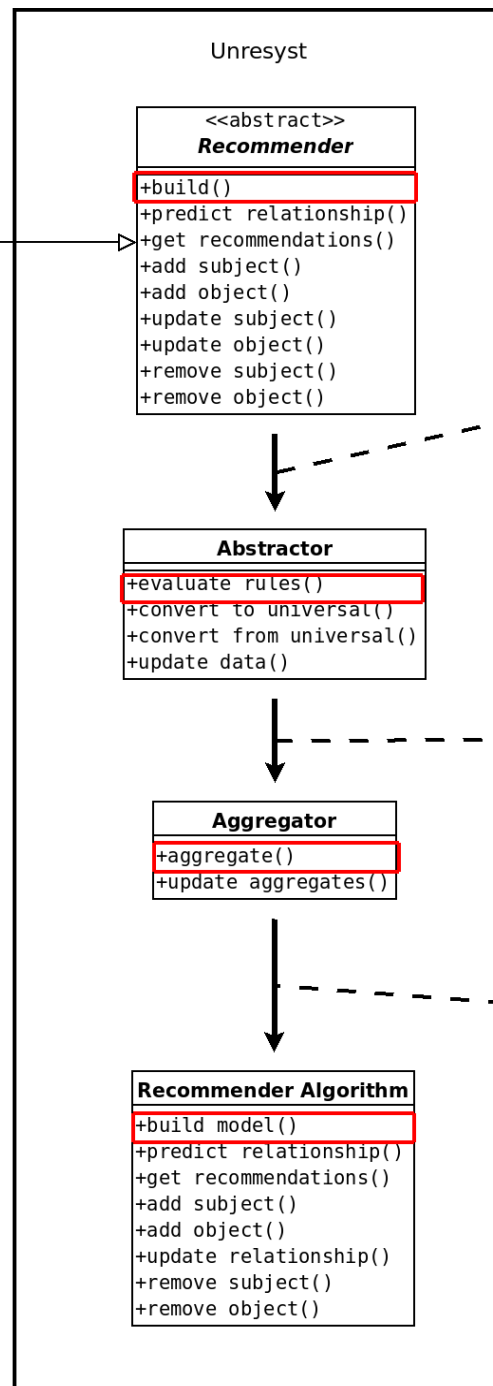
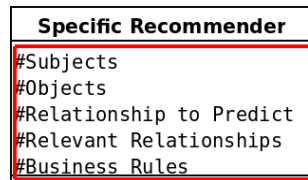


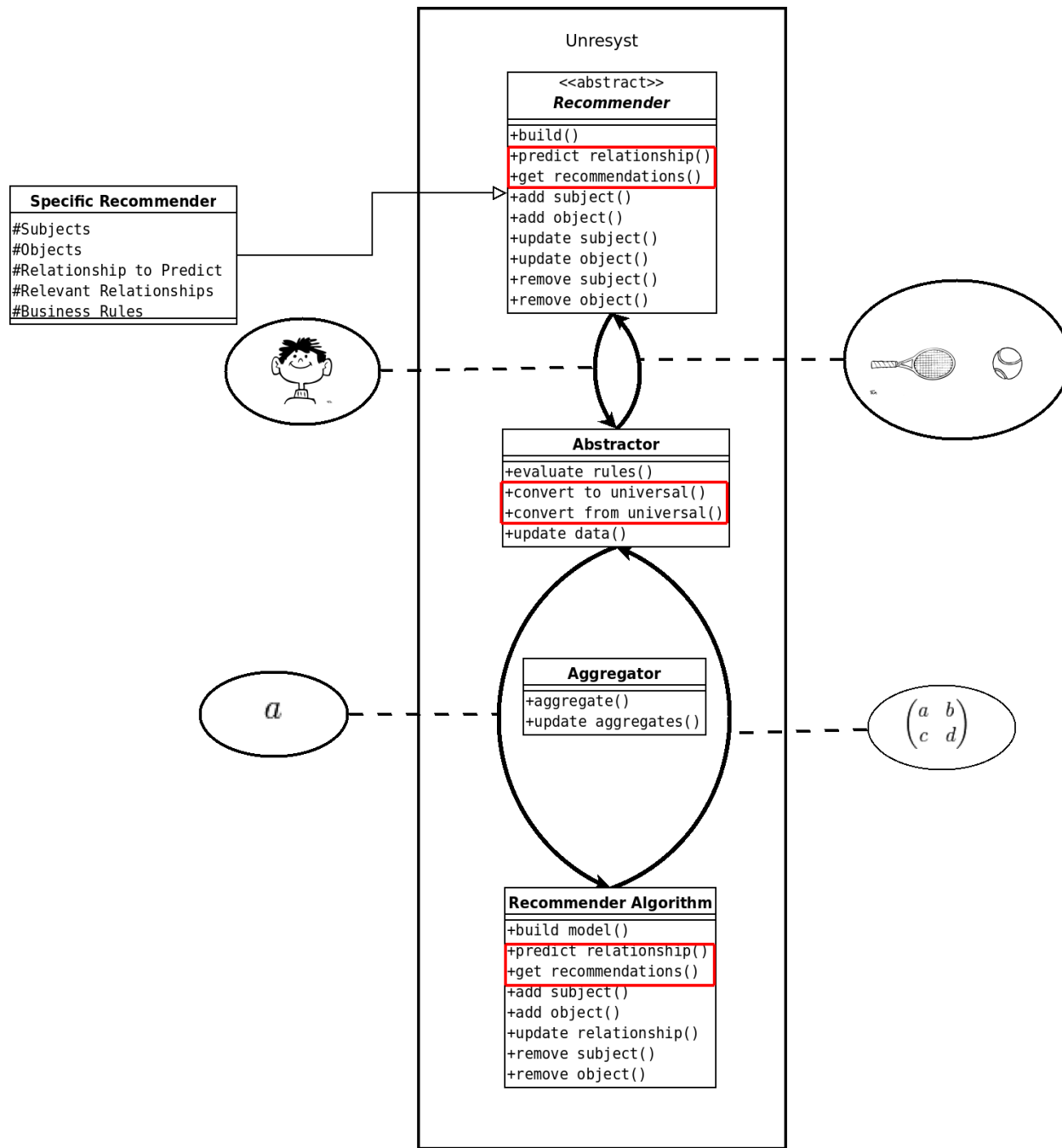
# Unresyst Interfaces

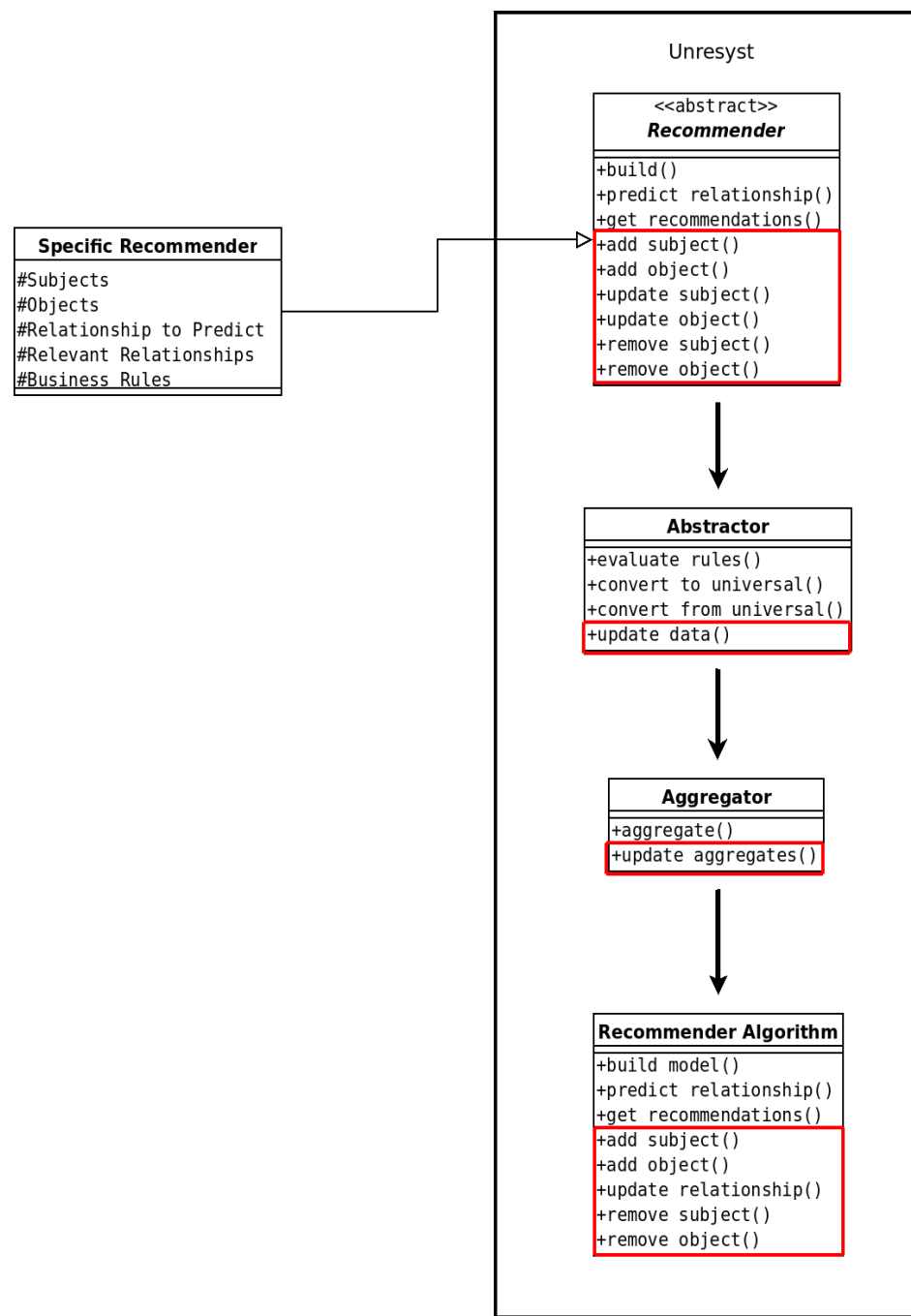












# Possible Extensions

- feedback to recommendation
- meta data value prediction
- directed relationships
- N-ary relationships
- user/item biases
- temporal effects
- operation complexity
- robustness