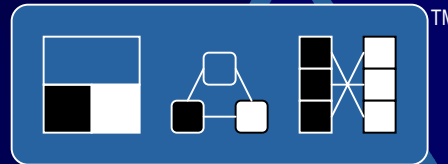


# E-Commerce Integration Meta-Framework

- short overview



 WebGiro

Andrzej Bialecki

Chief System Architect

[abial@webgiro.com](mailto:abial@webgiro.com)

# E-Commerce Integration Challenge

- Why SME-s should join the e-commerce?
  - Automation, lower cost/transaction, less manual labor, reaching new markets and partners



**BUT:**

The existence of many e-commerce frameworks results in increased integration issues...

# The Challenge

## ● The needs:

- For systematic approach
  - “integration methodology”
- For standardized descriptions
  - “integration language”

## ● The expectations:

- Simplify the interoperability
- Reduce the adoption costs
- Simplify the maintenance

# **E-Commerce Integration Meta-Framework (ECIMF)**

- The methodology - ECIMM
  - How to discover and model the integration areas
- The language - ECIML
  - How to describe the integration logic in a precise, machine understandable way
- The tools - ECIT
  - How to prepare the integration recipes, and how to implement them

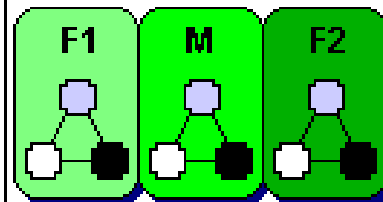
## ECIMNavigator

### Semantic mapper



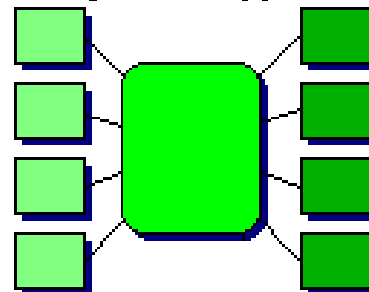
Actors  
Roles  
Use cases  
Scenarios

### Process mediator



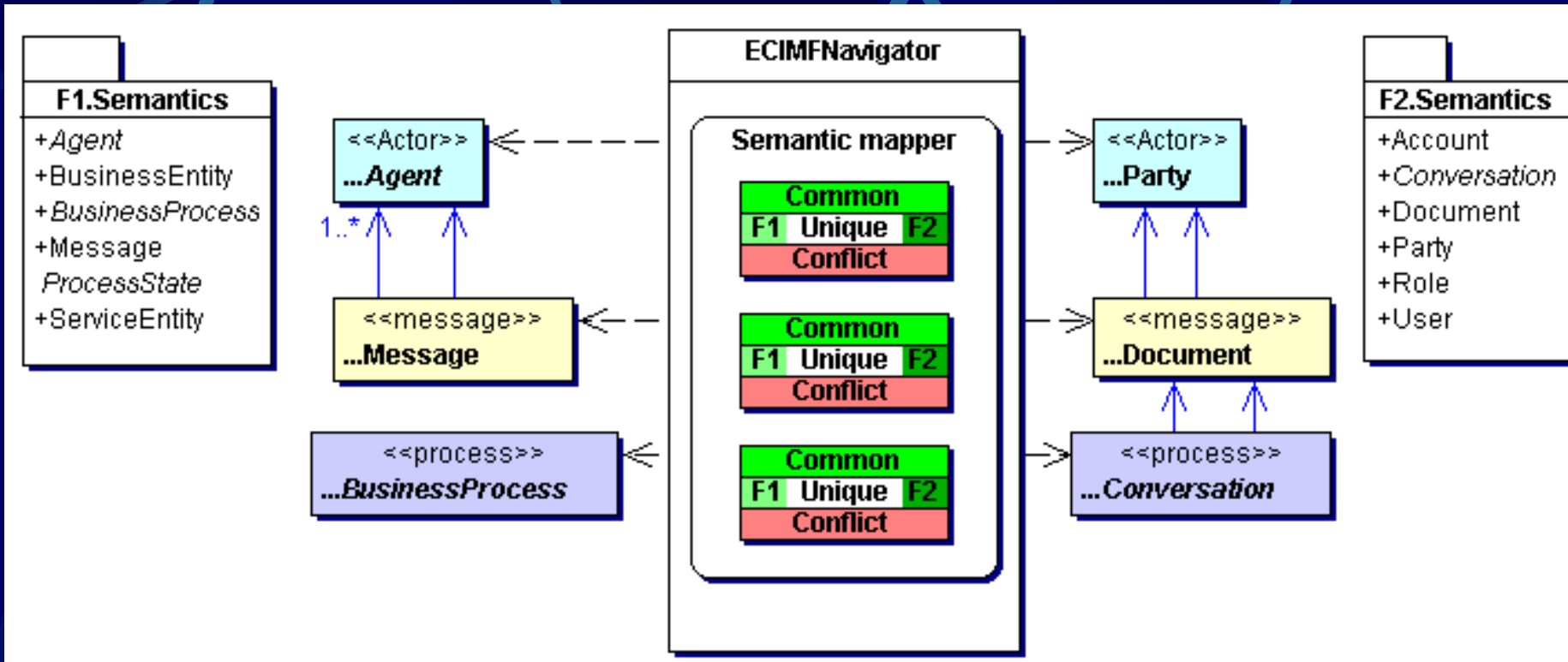
Processes  
Transactions  
Activities  
Transitions

### Syntax mapper



Messages  
Data elements  
Packaging  
Protocols

# Semantics: ECIMF Navigator tool



# Summary

- Deliverables according to the Proposal
  - General Methodology
  - Technical Specification
  - Proof of Concept – a basic toolkit
- Timeframe: 18 months
- Coordination and support
  - ebXML, RosettaNet, OAG, EDI, TMWG ...
  - Industry representatives
  - EC FP5 KAll and upcoming FP6

