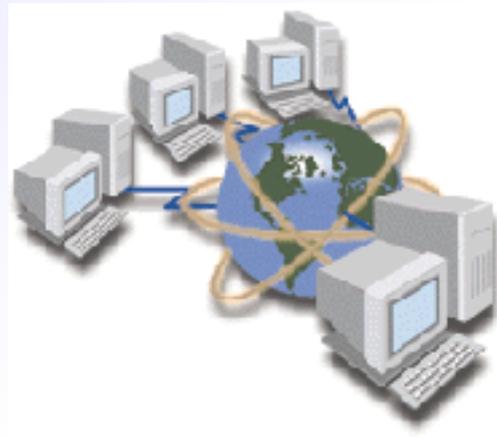
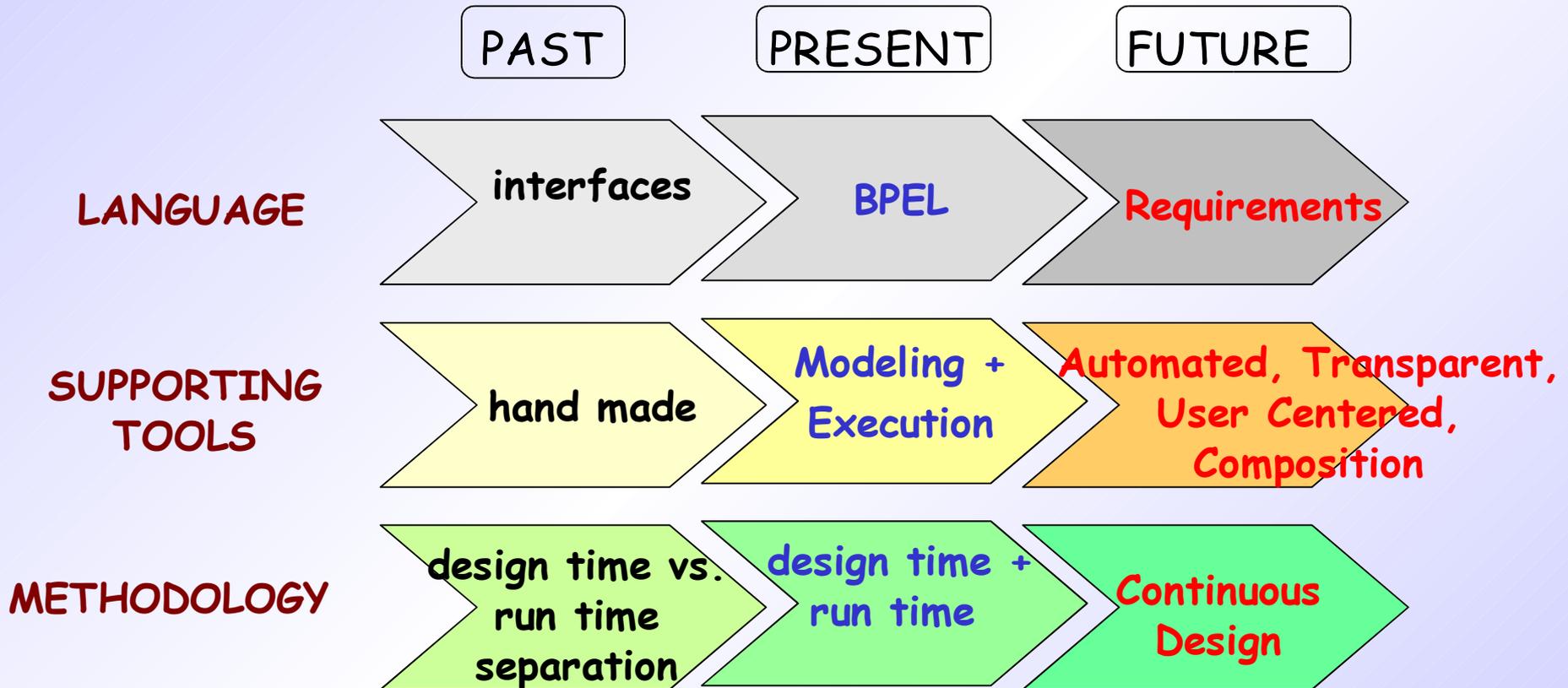


ICSOC'03 Service Composition panel

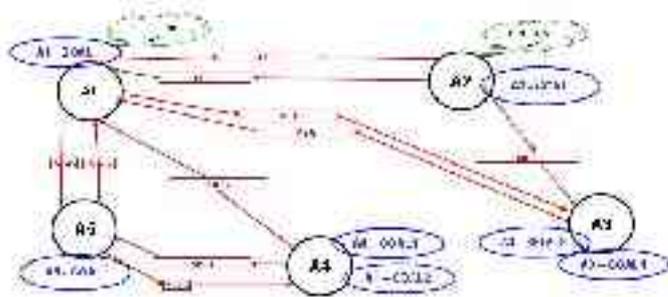


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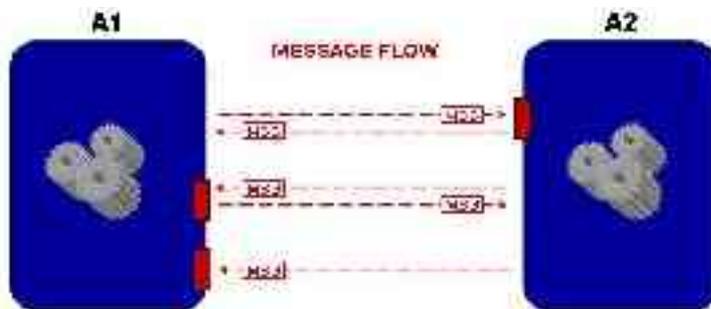
Service Composition: Scenario



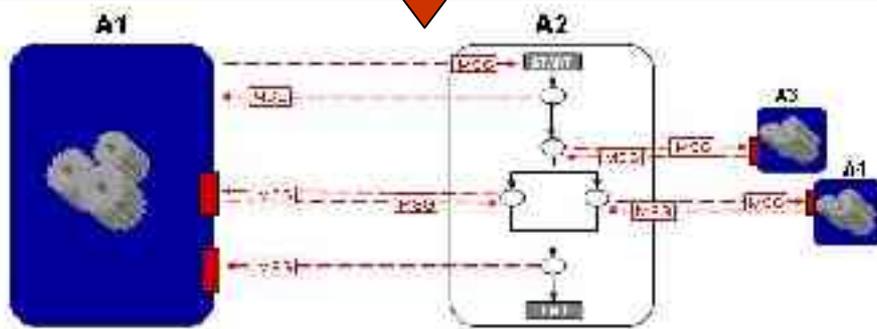
Service Composition: Three levels



BUSINESS REQUIREMENTS



BUSINESS PROTOCOL



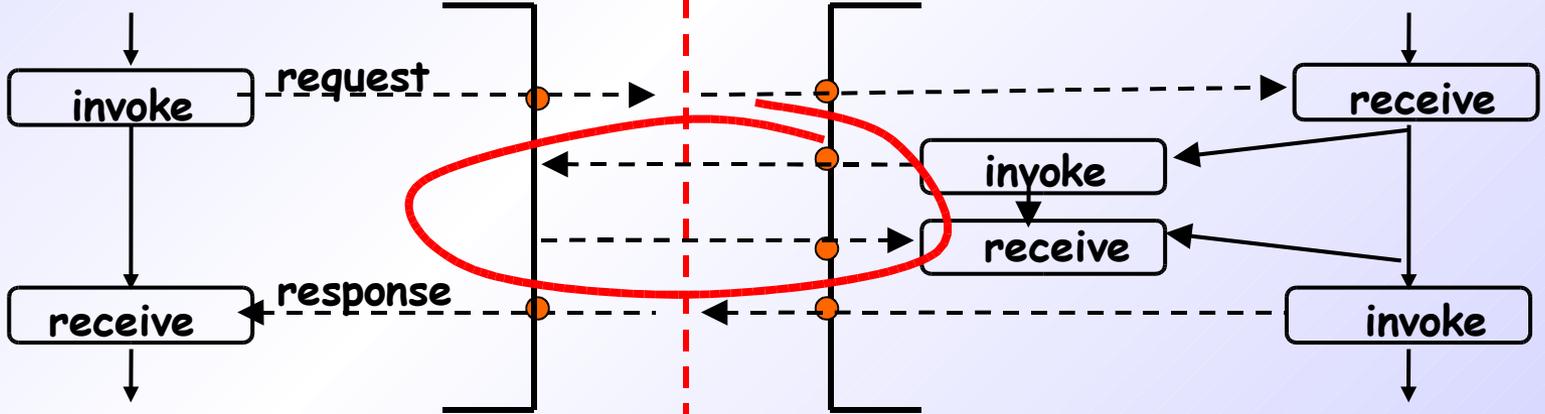
BUSINESS PROCESS

Composition? A very simple example

Government

Health Care

Requirement:
Always Check Eligibility for
Handicap support



```
invoke ...  
while ... ..  
  switch .....
```

.....
pick

Composition needs tools that:

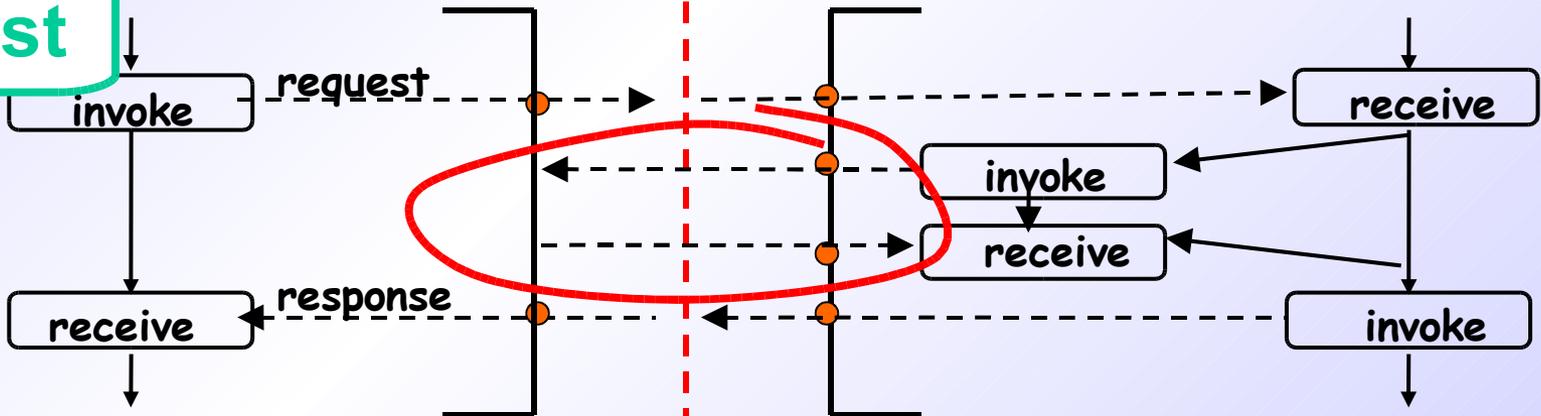
Government

Health Care

Requirement:
Check Eligibility for
Handicap support

Monitor

Suggest



Detect

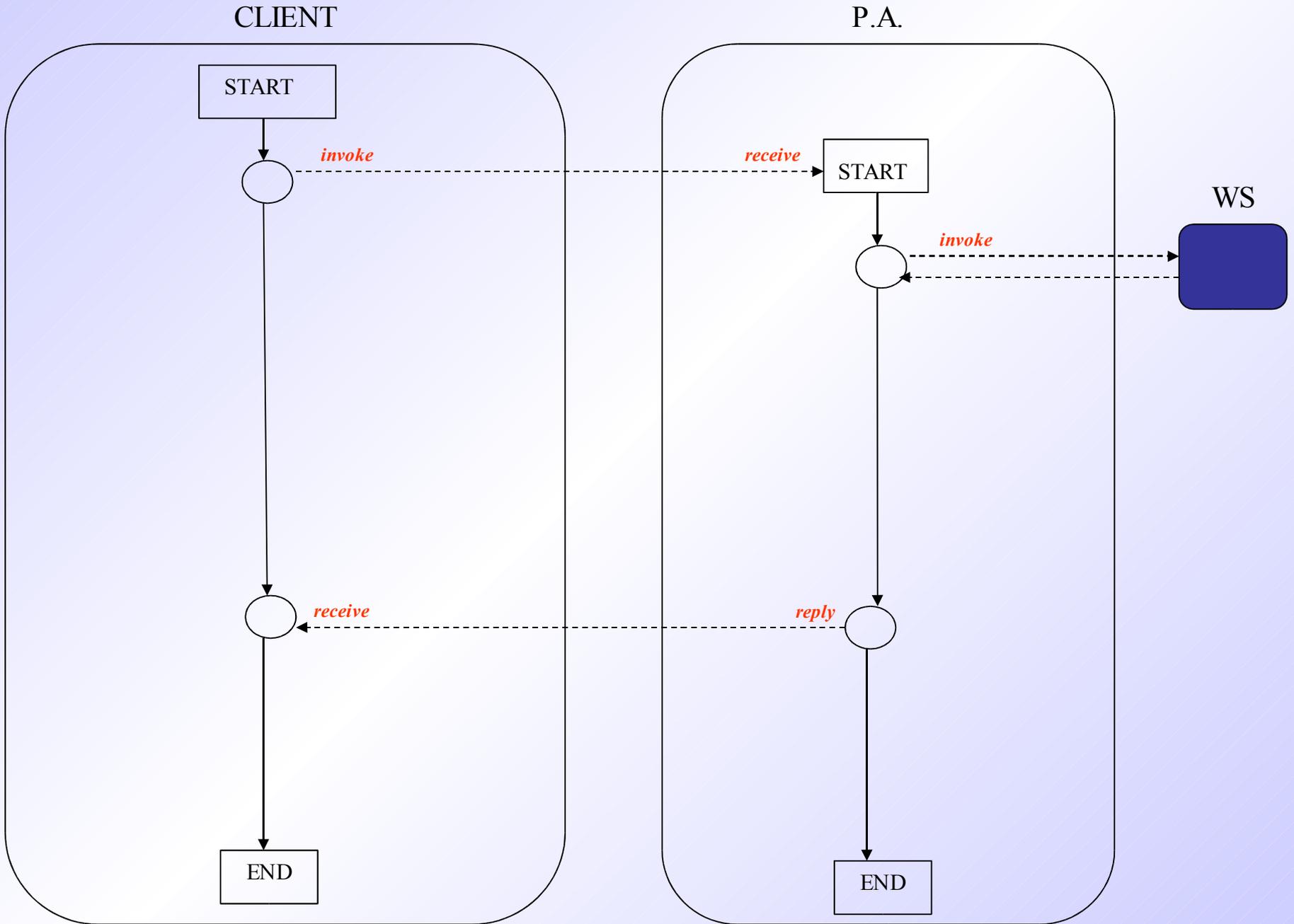
Simulate

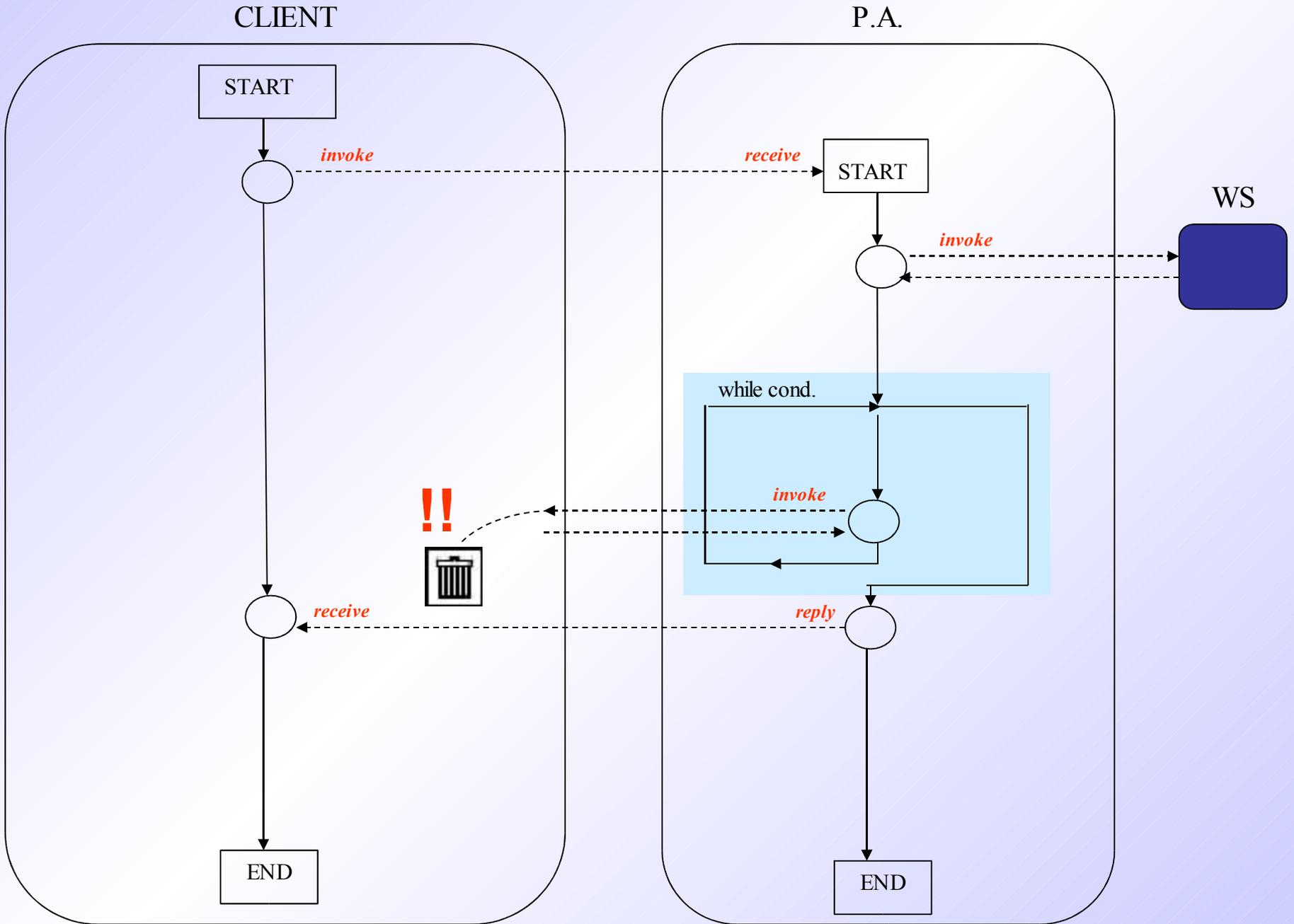
invoke ...
while
switch

.....
pick

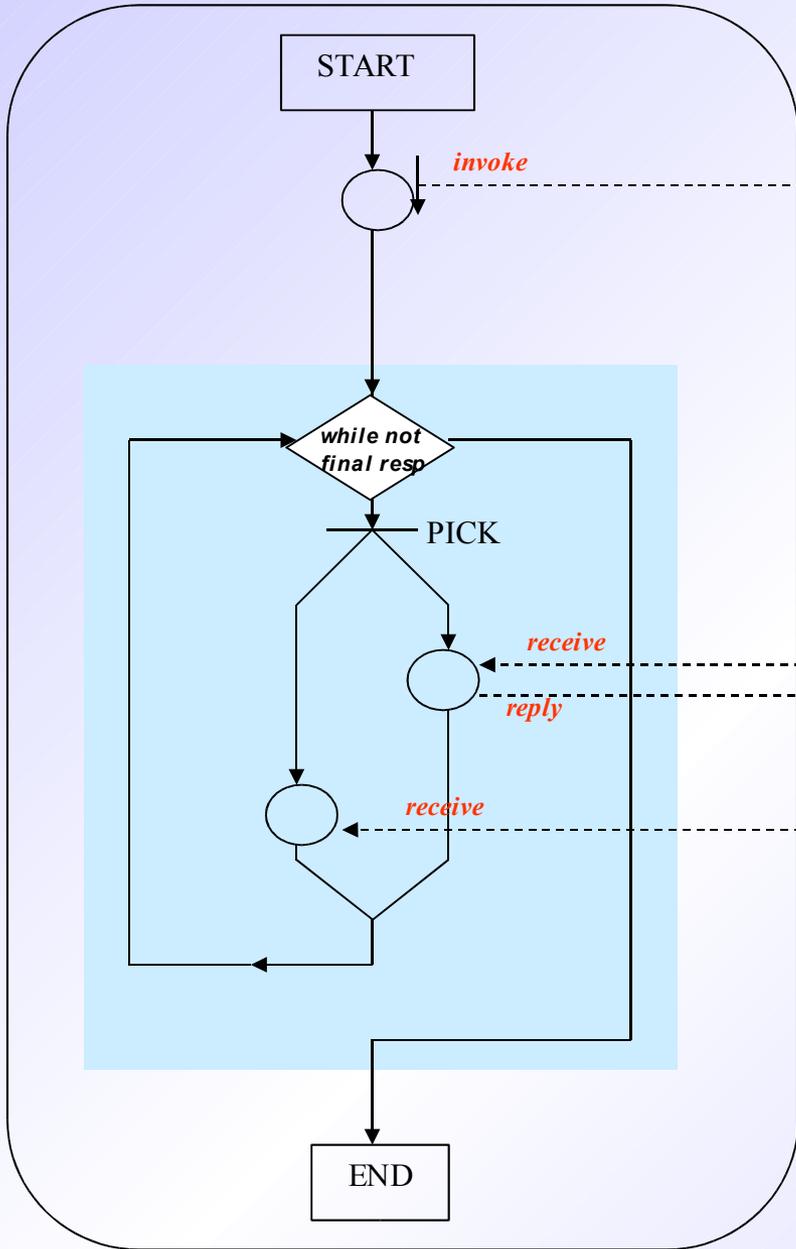
ProvoKative Conclusions

- We do not want “automatic intelligent composition”.
- We do want automated tools that do the hard, error prone, and boring work for us, that detect problems and give suggestions
- Design Time versus Run Time: we need both of them, how much of them depends on the application, ...
- ... but the hope is that the tools are based on the same underlying technology.
- Design Time = Run Time
- Methodology: need for Continuous Design

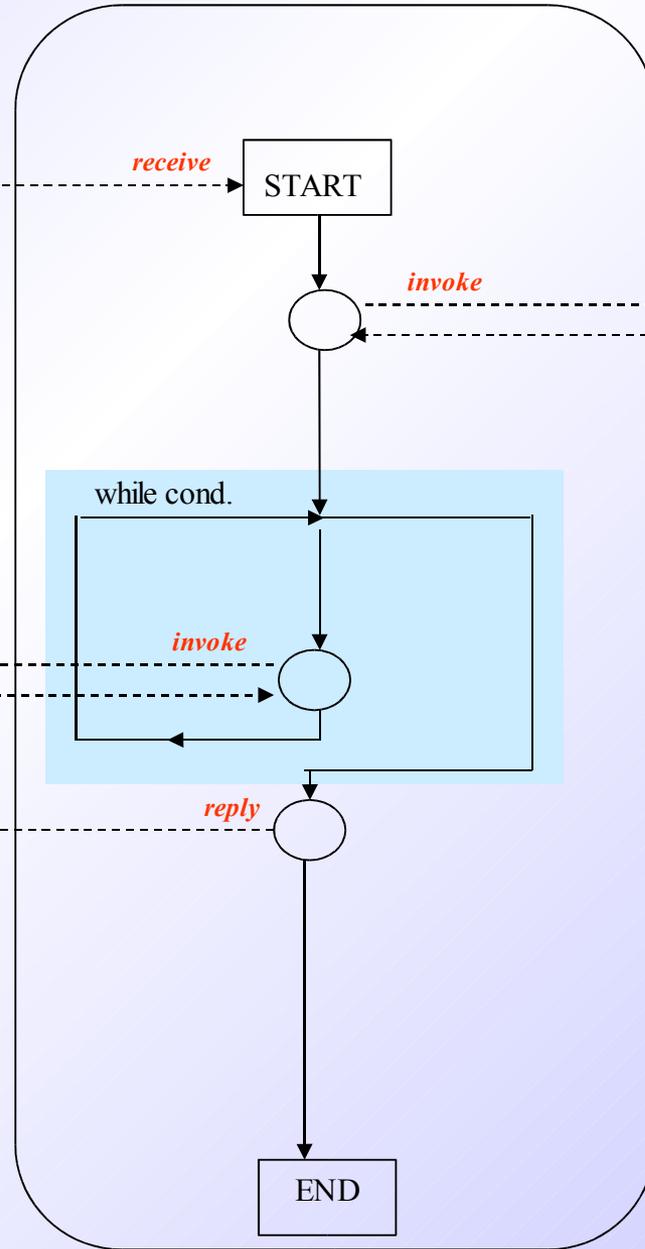




CLIENT



P.A.



WS

