



SOA SERVICES

Technical - Overview

Integration Team

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AGENDA



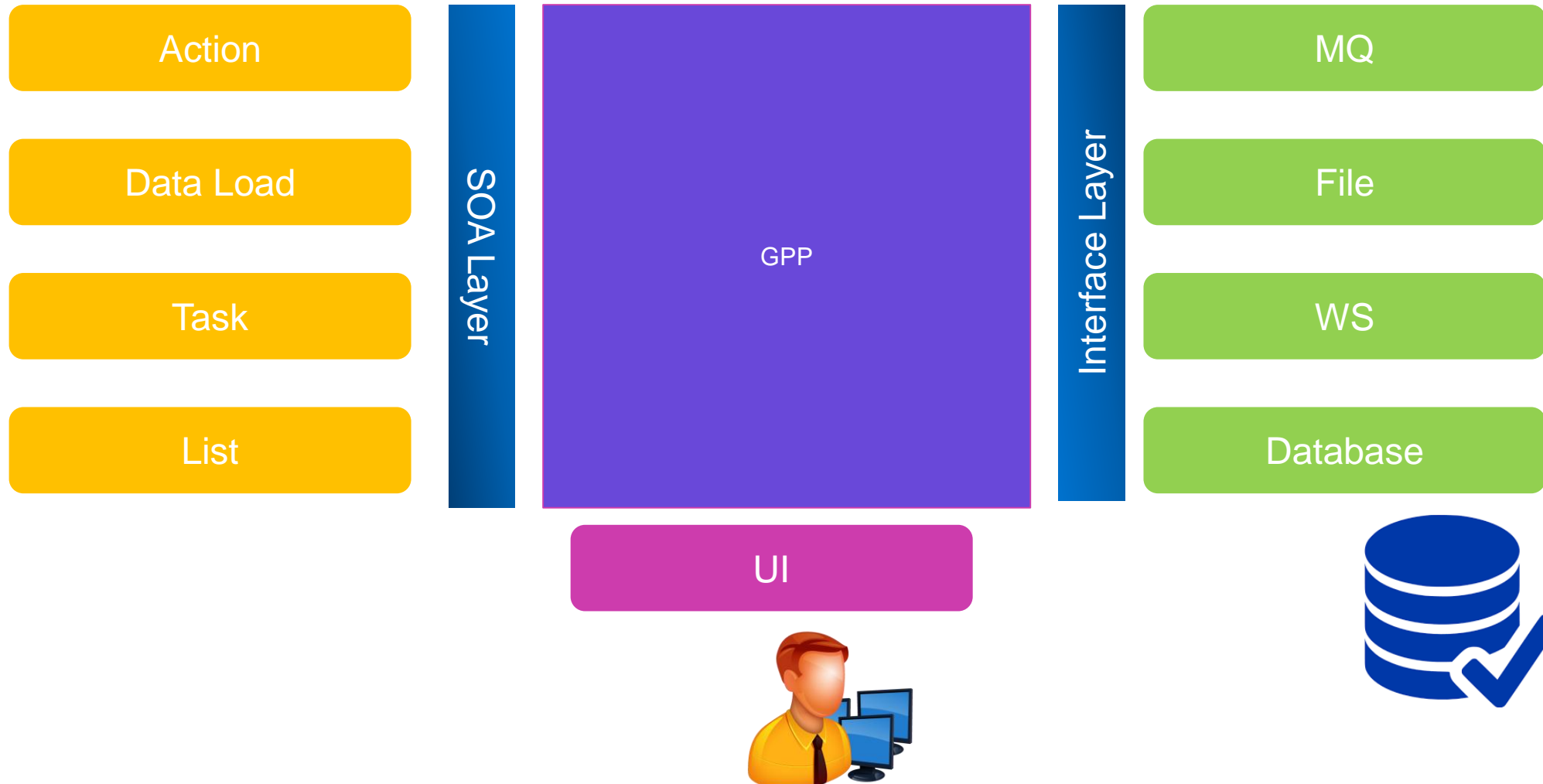
- Overview
- SOA Overview
- Logical Fields
- Payment Data Object (aka PDO)
- Samples



GPP leverage Service-Oriented Architecture (SOA). Each service is an unassociated, self-supporting functionality. A business flow of messages is a cluster of services set in a predefined order which provide GPP's range of functionality”

GPP SOA List of Services – Technical Guide

SOA OVERVIEW



SOA SPECIFICATIONS



- Protocol – SOAP over HTTP
- Format – XML
- Transactional
- Authorization Based
- Specifications provided in WSDL format
- Can be consumed by any client application

SOA SERVICES



- Apply Change Service
- Load Profile Service
- Message Load Service
- Message Submit Service
- Profile Action Service
- Profile List Service
- Queue List Service
- STP Rules Service
- Task Service

SOA- EXAMPLE

```
1 <soapenv:Envelope>
2   <soapenv:Header>
3     <q2:FndtHeader>
4       <q2:credentials>
5         <q2:UserID>ADMIN11</q2:UserID>
6         <q2:Role>ALL2</q2:Role>
7       </q2:credentials>
8     </q2:FndtHeader>
9   </soapenv:Header>
10  <soapenv:Body>
11    <ns20:MessageSubmitRequest>
12      . . .
13      . . .
14      . . .
15    </ns20:MessageSubmitRequest>
16  </soapenv:Body>
17 </soapenv:Envelope>
```

SOA Message

Header

Service Body

Thank you

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