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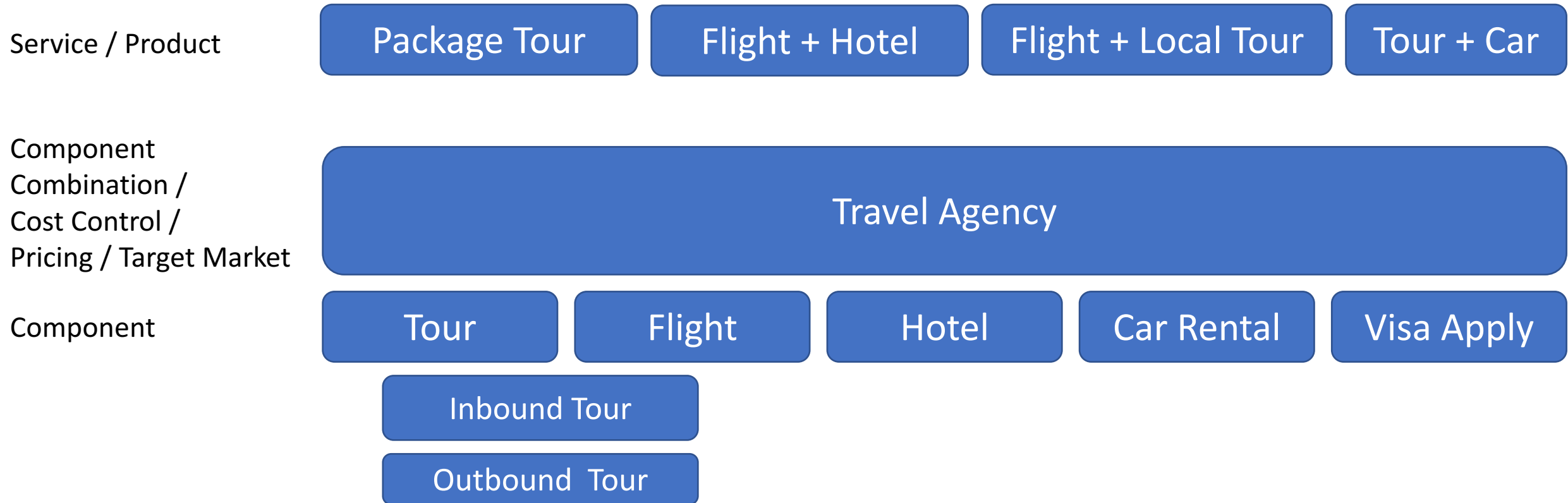
# Tourism Industry API in Practice

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# How Travel Agency Works




# Data Flow in Tourism Industry 1



 Where can API put into practice

# Data Flow in Tourism Industry 2



 Where can API put into practice

# API in practice – domain spec

- Product(Tour/Hotel/Flight) search
- Product category and list inquiry
- Product details (name, description, notification, price inclusion or exclusion, etc. )
- Departure date and price inquiry
- Quantity control
- Order management
- Membership
- etc.

# API in practice – technical spec

- Character over http/https
- HTTP request using RESTful format
  - Use HTTP protocol to mapping command and parameters
- HTTP response using JSON data format
  - Easy to build JSON data structure, ease to parse
  - Lightweight = fast
  - Cross language
- NO MORE XML
  - Fat = slow
  - Hard to implement = higher cost

## 2.1.1 查詢出團資料 (適用於搜尋引擎查詢條件)

# API sample

URL	http://{your-domain}/C/tour/webservice/turPackageService-queryGroupTurPackages	
POST/GET	請使用 POST	
說明	可依據搜尋條件查詢符合條件的出團資料，每個參數可以一起使用，該團必須每個參數都成立才算成立。	
參數	<a href="#">criteria.departureDate</a>	出發日期 ex: 2014/01/01
	<a href="#">criteria.departureDateStart</a>	出發日期起 ex: 2014/01/01
	<a href="#">criteria.departureDateEnd</a>	出發日期訖 ex: 2014/01/01
	<a href="#">criteria.continent_id</a>	旅遊洲的序號
	<a href="#">criteria.nation_id</a>	旅遊國家的序號
	<a href="#">criteria.city_id</a>	旅遊城市的序號
	<a href="#">criteria.tourDayStart</a>	旅遊天數起
	<a href="#">criteria.tourDayEnd</a>	旅遊天數訖
	<a href="#">criteria.continentArea_id</a>	旅遊大洲區域劃分的序號
<a href="#">criteria.nationArea_id</a>	旅遊國家區域劃分的序號	

回覆

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正常 JSON 格式	<pre>{   "arrivalAirport_CH": "東京成田", /*抵達城市*/   "availableSeat": 30, /*可售座位*/   "city_CH": "東京都", /*旅遊城市*/   "continent_CH": "亞洲", /*旅遊洲別*/   "departureAirport_CH": "桃園國際機場", /*出發機場*/   "departureCity_CH": "台北市", /*出發城市*/   "departureDate": "2014/12/07", /*出發日期*/   "groupNumber": "25307141207A", /*團號*/ }</pre>
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