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| Team project – Travel data mobile application |

The teams will develop a mobile application to handle trip data using data from SAP backend. The application should provide the user/employee with the following possibilities:

1. View all his/her trips registered in SAP with possibility to filter on trip-number, date or destination.

2. Create a new trip. Then use CheckTrip to verify if the new trip is really there.

3. Update an existing trip.

Use the following test users in SAP Q87:

Team1: 500001

Team2: 500002

Team3: 500003

Team4: 500004

Team5: 500005

Team6: 500006

Team7: 500007

Team8: 500008

Team9: 500009

Team10: 500000

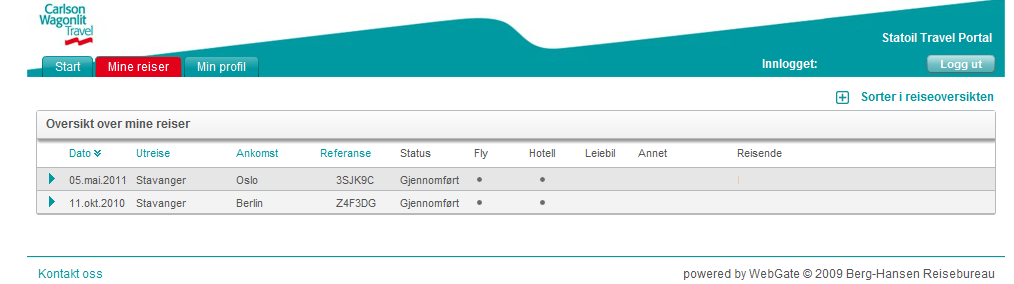
Credentials:

user: f\_dis\_workshop

pwd: Travel2013

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| Description of the TripService |

Today the trip service is used by the corporate travel agency's web page (Wagonlit) where Statoil employees can order their trips, update trip information, view previous trips and so forth. When e.g. an employee initiates a trip, Wagonlit requests a trip number from SAP. The trip records is then created in SAP and the trip number returned to Wagonlite.



The trip service consists of the following four operations:

* CheckTrip
* CreateTrip
* DeleteTrip
* UpdateTrip

Service description & WSDL:

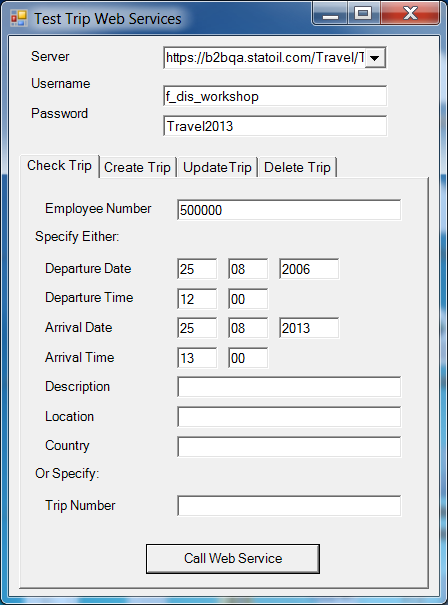
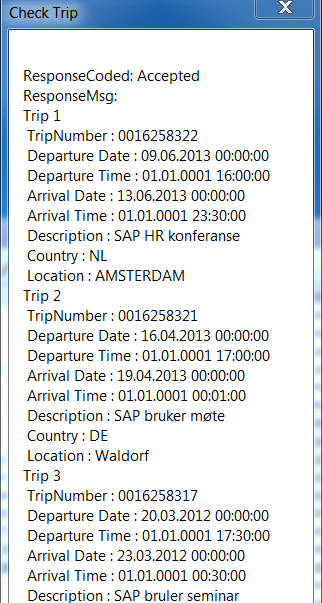
<https://b2bqa.statoil.com/Travel/TripService/TripService.asmx>

<https://b2bqa.statoil.com/Travel/TripService/TripService.asmx?WSDL>

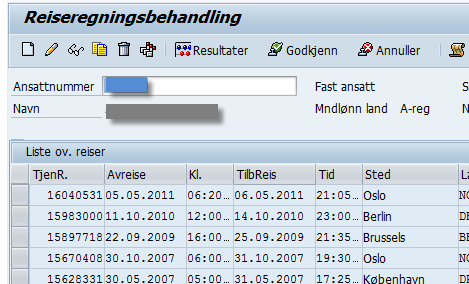
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| Examples of usage |

**CheckTrip**

This is a simple example of request and response when using the **CheckTrip** operation. With the **CheckTrip** operation you can list previous trips by specify a particular date or trip id. This is identical to the list you may already know from SAP R/3 GUI.

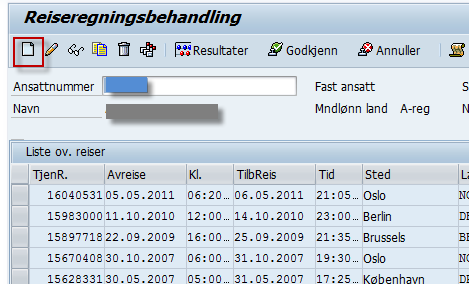
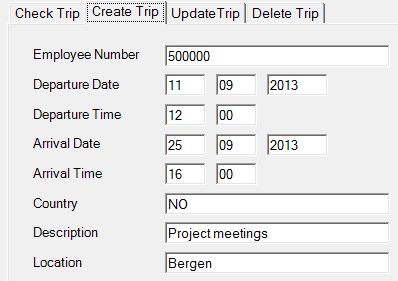
 

Identical to the view we know from SAP R/3 GUI



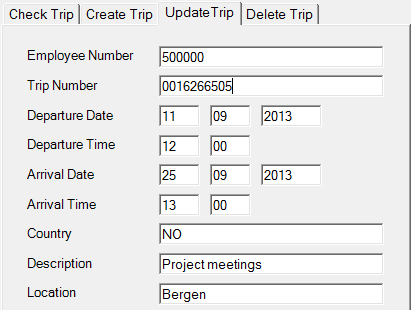
**Create trip**

When the employee initiate a new trip from the travel agency’s web page the **CreateTrip** operation is used to create a new trip. SAP will create the necessary trip records and provide you with the unique trip number in return. This is the similar to when you open a new trip from SAP GUI.

**Update trip**

When trip information has to be changed (e.g. arrival time is change), you can use the **UpdateTrip** operation to update the information SAP backend.



**Delete Trip**

