TSDREZ - REQRAT Sample XML

This document is designed to give a few garden variety examples of the REQRAT request and response. It highlights the powerful flexibility of this API to allow you to customize the information displayed in your reservation booking engine.

Request Examples	XML Tags in Request	Request XML	Response XML
1. Mandatory fields only	`<Payload>` `<RentalLocationID>BOS</RentalLocationID>` `<ReturnLocationID>BOS</ReturnLocationID>` `<PickupDateTime>12082015 11:00 AM</PickupDateTime>` `<ReturnDateTime>12152015 11:00 AM</ReturnDateTime>` `</Payload>`	REQRAT_Req_AllClass.xml	REQRAT_Resp_AllClass.xml
2. Single car class	`<ClassCode>CCAR</ClassCode>`	REQRAT_Req_1Class.xml	REQRAT_Resp_1Class.xml
3. Single class, include total pricing	`<ClassCode>CCAR</ClassCode>` `<TotalPricing>1</TotalPricing>`	REQRAT_Req_1Class_TP.xml	REQRAT_Resp_1Class_TP.xml
4. Single class, include total pricing, show prepaid discount charges	`<ClassCode>CCAR</ClassCode>` `<TotalPricing>1</TotalPricing>` `<Prepaid>Y</Prepaid>`	REQRAT_Req_1Class_TP_PP.xml	REQRAT_Resp_1Class_TP_PP.xml
5. Single class, include total pricing, add an optional service (Collision damage waiver)	`<ClassCode>CCAR</ClassCode>` `<TotalPricing>1</TotalPricing>` `<ExtraCode>CDW</ExtraCode>`	REQRAT_Req_OPT.xml	REQRAT_Resp_OPT.xml
6. Single class, include total pricing, company number	`<ClassCode>CCAR</ClassCode>` `<TotalPricing>1</TotalPricing>` `<CompanyNumber>FIRS000001</CompanyNumber>`	REQRAT_Req_CoNum.xml	REQRAT_Resp_CoNum.xml
7. Single class, include total pricing, discount code	`<ClassCode>CCAR</ClassCode>` `<TotalPricing>1</TotalPricing>` `<DiscountCode>MIL</DiscountCode>`	REQRAT_Req_DiscCode.xml	REQRAT_Resp_DiscCode.xml

Case 1 - Mandatory fields only

Case 1 includes only the mandatory payload tags for the pickup location/time and return location/time. The response will include all available rates for each class.

Case 2 - Single car class

Case 2 limits the response to a single car class, so only 1 rate product should be returned per rate code. You can set the <ClassCode> to return multiple car class rates by using a pipe delimited string (for example LCAR|PCAR will return Luxury/Premium rates only).

Case 3 – Total Pricing

Case 3 returns the same number of rate products as the second example, but is expanded to include an estimate bill based on the rate, and number of rental days. The rental location may have optional services, taxes and surcharges setup which will also factor into the bill calculations. All of this information is found within a new set of tags in the response, included in the <TotalPricing> tag.

```
<TotalPricing>
<RentalDays>7</RentalDays>
<RateCharge>179.00</RateCharge>
<RatePlusLate>179.00</RatePlusLate>
<TotalCharges>263.58</TotalCharges>
<TotalTaxes>58.38</TotalTaxes>
<TotalExtras>20.31</TotalExtras>
<TotalFreeMiles>0</TotalFreeMiles>
<PerMileAmount>0.00</PerMileAmount>
<LateCharge>0.00</LateCharge>
<Surcharge>5.8900</Surcharge>
<Taxes>
<Tax1Amount>236.63</Tax1Amount>
…
</Taxes>
<DailyExtra>
<ExtraCode>AF</ExtraCode>
…
</DailyExtra>
…
</TotalPricing>
```

Case 4 - Prepaid

Case 4 includes the estimated bill similar to the 3rd example. It also includes a separate set of data under the <Prepaid> tag detailing modified rates/estimated bill if the customer authorizes a credit card payment at the ADDREZ process.

```
<Prepaid>
<PrepaidBaseDiscount>0.0850</PrepaidBaseDiscount>
<RateAmount>163.79</RateAmount>
<ExtraDayRate>49.50</ExtraDayRate>
<PerHourCharge>16.50</PerHourCharge>
<CardRequired>True</CardRequired>
…
</Prepaid>
```

Case 5 – Additional Optional Services

Case 5 adds an optional service/daily extra to the request. Assuming the request contains a valid optional service code, this new charge is added to the <TotalPricing> dataset. The included example shows a Collision Damage Waiver charge of 21 dollars, based on a 3 dollar per day rate, and a 7 day contract.

```
<TotalPricing>
<RentalDays>7</RentalDays>
<RateCharge>179.00</RateCharge>
<RatePlusLate>179.00</RatePlusLate>
<TotalCharges>285.65</TotalCharges>
<TotalTaxes>59.45</TotalTaxes>
<TotalExtras>41.31</TotalExtras>
…
<DailyExtra>
<ExtraCode>AF</ExtraCode>
<ExtraDesc>AIRPORT FEE</ExtraDesc>
…
</DailyExtra>
<DailyExtra>
<ExtraCode>CDW</ExtraCode>
<ExtraDesc>DAMAGE WAIVER</ExtraDesc>
<ExtraAmount>21.00</ExtraAmount>
<ExtraAutoApply>FALSE</ExtraAutoApply>
</DailyExtra>
…
</TotalPricing>
```

Case 6 – Company Number

Case 6 adds a company number to the request. The company number is validated against the setups in TSDREZ, before any benefits are applied. This particular company includes a 10% discount on rental rate charges, which is reflected in the difference between the <RateAmount> tag and the <StrickenRateAmount> tag. The StrickenRateAmount tag displays the rate before any discount/adjustment is applied.

```
<RateProduct>
…
<RateAmount>51.15</RateAmount>
<StrickenRateAmount>55.00</StrickenRateAmount>
…
<TotalPricing>
<RentalDays>1</RentalDays>
<RateCharge>51.15</RateCharge>
<RatePlusLate>51.15</RatePlusLate>
<TotalCharges>79.60</TotalCharges>
<TotalTaxes>12.48</TotalTaxes>
<TotalExtras>10.08</TotalExtras>
<TotalFreeMiles>0</TotalFreeMiles>
<PerMileAmount>0.00</PerMileAmount>
<LateCharge>0.00</LateCharge>
<Surcharge>5.8900</Surcharge>
…
</TotalPricing>
```

Case 7 – Discount Code

Case 6 adds a discount code to the request. The code is validated against the setups in TSDREZ (and is good for any location), before any benefits are applied.   This example includes a 10% discount for military personnel, which is applied to rental rate charges. Which is reflected in the difference between the <RateAmount> tag and the <StrickenRateAmount> tag. The StrickenRateAmount tag displays the rate before any discount/adjustment is applied.

Case 6 adds a company number to the request. The company number is validated against the setups in TSDREZ, before any benefits are applied. This particular company includes a 10% discount on rental rate charges, which is reflected in the <RateDiscount> tag as well as the <TotalCharges> tag.

```
<RateProduct>
…
<DiscountPercent>0.10</DiscountPercent>
…
<TotalPricing>
<RentalDays>1</RentalDays>
<RateCharge>55.00</RateCharge>
<RatePlusLate>55.00</RatePlusLate>
<TotalCharges>78.03</TotalCharges>
<TotalTaxes>12.25</TotalTaxes>
<TotalExtras>10.39</TotalExtras>
<TotalFreeMiles>0</TotalFreeMiles>
<PerMileAmount>0.00</PerMileAmount>
<RateDiscount>-5.50</RateDiscount>
<LateCharge>0.00</LateCharge>
<Surcharge>5.8900</Surcharge>
…
</TotalPricing>
```