

●GIRレスポンスについて

GIRレスポンスは情報の繰り返しを削減するスキーマです。

検索条件:

リクエストの<OTA_AirLowFareSearchRQ>タグにResponseType="GIR" ResponseVersion="3.0.0"を追加することによって、GIRレスポンスを取得できます。

主なメリット:

データリピートが削減される
サイズが小さくなる
処理時間が短くなる

参考値:

ネットワーク・検索条件によりレスポンスに係る時間は変動します。

| | 平均 秒 |
|---------|---------|
| OTA 圧縮無 | 16.977 |
| OTA 圧縮有 | 8.6852 |
| GIR 圧縮無 | 10.7454 |
| GIR 圧縮有 | 7.8146 |

レスポンス比較:

| | |
|---------|---------------|
| 【OTA版】 | |
| OPTION1 | |
| Leg1 | |
| | NRT—ICN DL111 |
| | ICN—NRT DL222 |
| | Fare1 |
| | Tax1 |
| OPTION2 | |
| Leg1 | |
| | HND—ICN UA821 |
| | ICN—HND DL222 |
| | Fare2 |
| | Tax1 |
| OPTION3 | |
| Leg1 | |
| | NRT—ICN UA821 |
| | ICN—HND VN311 |
| | Fare2 |
| | Tax2 |

| | |
|-----------------------|----------------|
| 【GIR版】 | |
| フライトリスト(ScheduleDesc) | |
| | ①HAN—HKG DL111 |
| | ②HAN—ICN UA821 |
| | ③HAN—KUL VN310 |
| | ④HKG—NRT DL222 |
| | ⑤ICN—NRT DL222 |
| | ⑥ICN—NRT VN311 |
| Leg1 | |
| | ①④ |
| Leg2 | |
| | ②⑤ |
| Leg3 | |
| | ②⑥ |
| Fare1 | |
| Fare2 | |
| Fare3 | |
| Fare4 | |
| Fare5 | |
| Tax1 | |
| Tax2 | |
| Tax3 | |
| Tax4 | |
| OPTION1 | |
| Leg1 | |
| | Fare1 |
| | Tax1 |
| OPTION2 | |
| Leg2 | |
| | Fare2 |
| | Tax2 |
| OPTION3 | |
| Leg3 | |
| | Fare3 |
| | Tax3 |

(GIR) ER図

| フライト情報のタグ名 | 参照元のタグ |
|-------------------------|-------------------------------|
| LegRef | LegDesc ID |
| Schedule Ref | ScheduleDesc ID |
| FareComponent Ref | FareComponent Desc ID |
| Tax Ref | TaxDesc ID |
| (Baggage) Allowance Ref | BaggageAllowanceDesc ID |
| (Baggage) Segment ID | Itinerary内のScheduleDesc IDの順番 |
| (Baggage) Charge Ref | BaggageChargeDesc ID |

```
<Itinerary ID="1" PricingSource="ADVJR1">
  <Leg Ref="6" />
  <Leg Ref="3" />
  <PricingInformation PricingSubsource="MIP">
    <Fare ValidatingCarrier="KE" VITA="true" ETicketable="true" LastTicketDate="2017-01-17" GoverningCarriers="KE KE">
      <PassengerInfo PassengerType="ADT" PassengerNumber="1" NonRefundable="false">
        <FareComponent Ref="17" TravelCommencementDate="2017-03-06">
          ① <Segment BookingCode="A" CabinCode="Y" MealCode="DS" SeatsAvailable="9"
            AvailabilityBreak="true" />
          </FareComponent>
          <FareComponent Ref="15" TravelCommencementDate="2017-03-10">
            ② <Segment BookingCode="B" CabinCode="Y" SeatsAvailable="4"
              AvailabilityBreak="true" />
            ③ <Segment BookingCode="C" CabinCode="Y" MealCode="B" SeatsAvailable="9"
              AvailabilityBreak="true" />
            </FareComponent>
            <Tax Ref="16" />
            <Tax Ref="17" />
            <CurrencyConversion From="KRW" To="JPY" ExchangeRateUsed="0.0972558" />
            <FareMessage Type="N" Code="0" Carrier="EY" Info="VALID ON EY ONLY" />
            <FareMessage Type="W" Code="0" Info="VALIDATING CARRIER - EY" />
            <PassengerTotalFare TotalFare="76120" TotalTaxes="40620" Currency="JPY"
              BaseFareAmount="364900" BaseFareCurrency="KRW" />
            <BaggageInformation ProvisionType="A" AirlineCode="EY">
              <Segment ID="0" /> ①
              <Segment ID="1" /> ②
              <Allowance Ref="1" />
              <Charge Ref="2" />
            </BaggageInformation>
            <BaggageInformation ProvisionType="A" AirlineCode="EY">
              <Segment ID="2" /> ③
            </BaggageInformation>
            <Allowance Ref="3" />
            <Charge Ref="1" />
          </PassengerInfo>
          <TotalFare TotalPrice="76120" TotalTaxes="40620" Currency="JPY"
            BaseFareAmount="364900" BaseFareCurrency="KRW" />
        </Fare>
      </PricingInformation>
    </Itinerary>
```

```
<GroupedItineraryResponse xmlns="http://webservices.sabre.com/wsdl/sabreXML1.0.00/...(省略)...>
  <Message Severity="Info" Type="WORKERTHREAD" Code="TRANSACTIONID" Text="19326647940" />
  <Message Severity="Info" Type="SERVER" Code="TTFHLP794" Text="27042" />
  ...
  <Statistics Itineraries="30" />
  ...
  <ScheduleDesc ID="2" TrafficRestriction="O" Frequency="SMTWTFSS" Stops="0" ETicketable="true">
    <Departure Airport="BOM" City="BOM" Country="IN" Time="12:50:00+05:30" Terminal="2" />
    <Arrival Airport="BKK" City="BKK" Country="TH" Time="18:45:00+07:00" />
    <Carrier Marketing="KE" MarketingFlightNumber="6708" Operating="9W"...(省略)...>
    <Equipment Code="73H" TypeForFirstLeg="N" TypeForLastLeg="N" />
  </Carrier>
</ScheduleDesc>
(省略)...
<ScheduleDesc ID="5" Frequency="M*W*F*" Stops="0" ETicketable="true">
  <Departure Airport="ICN" City="SEL" Country="KR" Time="18:45:00+09:00" />
  <Arrival Airport="BOM" City="BOM" Country="IN" Time="00:40:00+05:30" Terminal="2"...(省略)...>
  <Carrier Marketing="KE" MarketingFlightNumber="655" Operating="KE" OperatingFlightNumber="655">
    <Equipment Code="332" TypeForFirstLeg="W" TypeForLastLeg="W" />
  </Carrier>
</ScheduleDesc>
(省略)...
<ScheduleDesc ID="13" Frequency="*****F*" Stops="0" ETicketable="true">
  <Departure Airport="BKK" City="BKK" Country="TH" Time="22:45:00+07:00" />
  <Arrival Airport="ICN" City="SEL" Country="KR" Time="06:00:00+09:00" DateAdjustment="1" />
  <Carrier Marketing="KE" MarketingFlightNumber="652" Operating="KE" OperatingFlightNumber="652">
    <Equipment Code="77W" TypeForFirstLeg="W" TypeForLastLeg="W" />
  </Carrier>
</ScheduleDesc>
(省略)...
<TaxDesc ID="16" Code="WO" Amount="430" Currency="JPY"...(省略)...>
<TaxDesc ID="17" Code="SG1" Amount="250" Currency="JPY"...(省略)...>
<TaxDesc ID="18" Code="YQF" Amount="17250" Currency="JPY"...(省略)...>
(省略)...
<FareComponentDesc ID="15" GoverningCarrier="KE"...(省略)...>
  <Segment>
    <Surcharge Amount="2.50" Currency="NUC" Description="MISCELLANEOUS/OTHER" Type="Q" />
  </Segment>
  ...
</FareComponentDesc>
(省略)...
<FareComponentDesc ID="17" GoverningCarrier="KE"...(省略)...>
  <Segment>
    <Surcharge Amount="2.50" Currency="NUC" Description="MISCELLANEOUS/OTHER" Type="Q" />
  </Segment>
  <Segment Stopover="true" />
</FareComponentDesc>
(省略)...
<BaggageAllowanceDesc ID="1" Weight="20" Unit="kg" />
<BaggageAllowanceDesc ID="2" Weight="30" Unit="kg" />
<BaggageAllowanceDesc ID="3" Pieces="1" />
(省略)...
<BaggageChargeDesc ID="1" EquivalentAmount="13220" EquivalentCurrency="JPY"...(省略)...>
<BaggageChargeDesc ID="2" EquivalentAmount="11500" EquivalentCurrency="JPY"...(省略)...>
(省略)...
<LegDesc ID="3">
  <Schedule Ref="2" />
  <Schedule Ref="13" />
  <LegDesc ID="6">
    <Schedule Ref="5" />
  </LegDesc>
</LegDesc>
<ItineraryGroup>
  <GroupDescription>
    <LegDescription DepartureDate="2017-03-06" DepartureLocation="ICN" ArrivalLocation="BOM" />
    <LegDescription DepartureDate="2017-03-10" DepartureLocation="BOM" ArrivalLocation="ICN" />
  </GroupDescription>
  <Itinerary ID="1" PricingSource="ADVJR1">
    ...
  </Itinerary>
  <Itinerary ID="30" PricingSource="ADVJR1">
    ...
  </Itinerary>
</ItineraryGroup>
</GroupedItineraryResponse>
```

| Itinerary | Leg # | Schedule | | FareComponent | | | TAX | Baggage | | |
|-----------|-------|----------|---------|---------------|------------------------|-----------|--------|-----------|---------|--------|
| | | # | Segment | # | Segment BookingCode | FareBasis | | Allowance | Segment | Charge |
| 1 | 6 | 5 | ICN-BOM | 17 | A | EETK2 | 16, 17 | 1 | 0 | 2 |
| | 3 | 2 | BOM-BKK | 15 | B | EETK1 | | 1 | 1 | 1 |
| | | 13 | BKK-ICN | | C | | | 3 | 2 | |
| | | | | | | | | | | |