Oracle® Retail MICROS Retail-J

Release Notes

Release 12.0_SP11

February 2018

This document highlights the major changes for Release 12.0_SP11 of Oracle Retail MICROS Retail-J.

> **Note:** The rebranding for the latest version of this documentation set is in development as part of post MICROS acquisition activities. References to former MICROS product names may exist throughout the existing 12.0.x documentation set.

Release Overview

This document contains the release notes for the Oracle Retail MICROS Retail-J 12.0_SP11 release which is regarded as a general maintenance release.

This release enables the retailer to process end-user requests for data access and deletion of individual data records stored in Oracle Retail MICROS Retail-J.

Retail-J now provides an API to fetch customer data or employee data given the customer identifier or employee identifier respectively. It also provides an API to delete the employee data or customer data stored by Oracle Retail MICROS Retail-J. Each and every aforementioned API's calls are logged for auditing purposes.

Certified Platforms

The Oracle Retail MICROS Retail-J 12.0_SP11 release is supported on the following platforms:

Type	Software and Version
Operating System	Windows 7 Professional *64 bit Windows 8 Windows 8.1 Pro *64 bit Linux
Database[1]	Oracle 11g Microsoft SQL Server 2008 SP3 Microsoft SQL Server R2 SP1 Microsoft SQL Server 2012 Microsoft SQL Server 2014 *64 bit MySQL5.6
Web Application Server	Tomcat 7.0
Browsers	Internet Explorer 9, Firefox

Retail-J Web Services

DataPrivacyServlet has been added. It is a servlet with a set of APIs to read Employee data and Customer Data and to delete the same.

The servlet provides four methods (getCustomerData, getEmployeeData, deleteCustomerData, and deleteEmployeeData), to fetch and delete the data for both employee and customer.

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[1] All Oracle Retail MICROS Retail-J databases support unicode or double-byte data.

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Access Customer Data

https://<hostname>:<port>/rjWebServices/DataPrivacyServlet?method=getCustomerData&deviceID=<deviceID> &uid=<userID>&pwd=<password> &id=<customerID>

```
<Customer> <CustomerNumber>1</CustomerNumber>
<Title>Mr</Title>
<Initials>LR</Initials>
<Forename>Lee</Forename>
<Surname>Clinton|Bill</Surname>
<Sex>M</Sex>
<DateOfBirth>1980-06-05T00:00:00+05:30</DateOfBirth>
<VATNumber>653443243</VATNumber>
<Address>
<XMLSchemaVersion>1</XMLSchemaVersion>
<OrganisationName>TOREX</OrganisationName>
<Street1>Houghton Hall Business Park</Street1>
<Street2>Houghton Regis</Street2>
<Street3>234</Street3>
<Town>Dunstable</Town>
<County>London</County>
<PostCode>LU5 5YG</PostCode>
<Country>UK</Country>
<Phone1>34645235</Phone1>
<Phone2>4565233</Phone2>
<MobilePhone>565345</MobilePhone>
<Email>mail@lee.com</Email>
<Fax>56542434</Fax>
<AddressAttributes>
<XMLSchemaVersion>1</XMLSchemaVersion>
<Attribute>
<Name>244</Name>
<Value>cust address1</Value>
</Attribute>
</AddressAttributes>
<CountryDescription>United Kingdom</CountryDescription>
<Latitude>40.0</Latitude>
<Longitude>50.0</Longitude>
</Address>
<NameAttributes>
<XMLSchemaVersion>1</XMLSchemaVersion>
<Attribute>
<Name>24</Name>
<Value>Cust attribute</Value>
</Attribute>
</NameAttributes>
<CustomerAttributes>
<XMLSchemaVersion>1</XMLSchemaVersion>
<Attribute>
<Name>2444</Name>
<Value>Customer attri</Value>
</Attribute>
</CustomerAttributes>
<CustomerCard>
<Pan>*************4984</Pan>
<ExpiryDate>0514</ExpiryDate>
<IssueDate/>
<CardType>0</CardType>
<IssueNumber/>
</CustomerCard>
<CustomerCard>
<Pan>************6356</Pan>
<ExpiryDate>0514</ExpiryDate>
<IssueDate/>
<CardType>0</CardType>
<IssueNumber/>
```

```
</CustomerCard>
<CustomerLoyalty>
<IsLoyaltyAccount>true</IsLoyaltyAccount>
<LoyaltySchemeID>1</LoyaltySchemeID>
<LoyaltyBalance>499900</LoyaltyBalance>
<RecentLoyaltyCreditsTotal>234</RecentLoyaltyCreditsTotal>
<RecentLoyaltyDebitsTotal>3464653</RecentLoyaltyDebitsTotal>
<MobilePhoneNumber>97987987</MobilePhoneNumber>
</CustomerLoyalty>
<Image>
<OriginalFileName>reg.jpg</OriginalFileName>
</Image>
</Customer>
```

Access Employee Data

https://<hostname>:<port>/rjWebServices/DataPrivacyServlet?method=getEmployeeData& deviceID=<deviceID> &uid=<userID>&pwd=<password> &id=<employeeID>

```
<Employee>
<EmployeeID>0001000011</EmployeeID>
<Title>Mr</Title>
<Initials>JS</Initials>
<Forename>John</Forename>
<Surname>Smith</Surname>
<DateOfBirth>1970-01-01T00:00:00+05:30</DateOfBirth>
<ContactName>Tie Smith</ContactName>
<ContactRelationship>Brother</ContactRelationship>
<ContactAddress>
<XMLSchemaVersion>1</XMLSchemaVersion>
<OrganisationName>hh</OrganisationName>
<Street1>3, Hilton St.</Street1>
<Street2>Golden Ball</Street2>
<Street3>bbnm</Street3>
<Town>Wolf town</Town>
<County> WorkShire </County>
<PostCode>098765</PostCode>
<Country>UK</Country>
<Phone1>0987654321</Phone1>
<Phone2>0967546788</Phone2>
<MobilePhone>9856465476</MobilePhone>
<Email>mn@gmail.com</Email>
<Fax>248976</Fax>
<CountryDescription>United Kingdom</CountryDescription>
<Latitude>53.7306N</Latitude>
<Longitude>1.2345W</Longitude>
<Elevator>1</Elevator>
</ContactAddress>
<Address>
<XMLSchemaVersion>1</XMLSchemaVersion>
<OrganisationName>Oracle Corporation</OrganisationName>
<Street1>Redwood Shores</Street1>
<Street2>Funland</Street2>
<Street3>32 West</Street3>
<Town>New Town</Town>
<County>Workshire</County>
<PostCode>976857</PostCode>
<Country>UK</Country>
<Phone1>97698658745</Phone1>
<Phone2>78435354</Phone2>
<MobilePhone>75587687</MobilePhone>
<Email>vbc@hotkey.com</Email>
<Fax>12358789</Fax>
<CountryDescription>United Kingdom</CountryDescription>
<Latitude>9.0</Latitude>
<Longitude>17.0</Longitude>
```

```xml
<Elevator>1</Elevator>
</Address>
<BankAddress>
<XMLSchemaVersion>1</XMLSchemaVersion>
<OrganisationName>J & J Bank</OrganisationName>
<Street1>..</Street1>
<Street2>..</Street2>
<Street3>..</Street3>
<Town>..</Town>
<County>..</County>
<PostCode>…</PostCode>
<Country>UK</Country>
<Phone1>9768746547586</Phone1>
<Phone2>978674647657</Phone2>
<MobilePhone>786564562453</MobilePhone>
<Email>mnkl@gmail.com</Email>
<Fax>kljkj</Fax>
<CountryDescription>United Kingdom</CountryDescription>
<Latitude>3.0</Latitude>
<Longitude>9.0</Longitude>
<Elevator>1</Elevator>
</BankAddress>
<BankAccountNumber>******4787</BankAccountNumber>
<SocialSecurityNumber>**8765</SocialSecurityNumber>
<ImageFilename>emn.jpg</ImageFilename>
<ImageFilepath>C:\fakepath\emn.jpg</ImageFilepath>
</Employee>
```

Delete a Customer

https://<hostname>:<port>/rjWebServices/DataPrivacyServlet?method=deleteCustomerData&deviceID=<deviceID> &uid=<userID>&pwd=<password> &id=<customerID>

```
<Result>Processing delete.</Result>
```

Delete Employee Data

https://<hostname>:<port>/rjWebServices/DataPrivacyServlet?method=deleteEmployeeData&deviceID=<deviceID> &uid=<userID>&pwd=<password> &id=<employeeID>

```
<Result>Processing delete.</Result>
```

The userID and password are the credentials of the person accessing it.

> **Note**: Upon customer deletion, the deletion of a related basket can be controlled based on a flag named DeleteTransactionForPrivacy, added to organization.

The deleteTransactionForPrivacy can be controlled in the organization as follows:
Organization Registration
You are editing Organization RJ 13

Data Model Changes

A table named DataPrivacyEvents has been added to store the events triggered by invoking the getCustomerData, getEmployeeData, deleteCustomerData, and deleteEmployeeData methods. The events are Access_Customer event, Access_Employee event, Forget_Customer event, and Forget_Employee event. The DataPrivacyServlet logs every call to the DataPrivacyEvents table based on the method invoked.

Activity Log

The DataPrivacy Events will appear in the Activity log and thus be available for audits. An activity log entry for a data privacy event will look like the following example:

Purging Events

The Data Privacy Events are purgable, same as other entities, as part of purge dynamic data.

Technical Enhancement

The technical enhancement described below is included in this release:

Internal Reference Number	Description
MRJ-28062	Secure by Default

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Value-Added Reseller (VAR) Language

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