NUGM 2024

MANAGE 2000 AS A REST CONSUMER



Peter Newby, Epicor

AGENDA

The End Game

REST Fundamental Concepts

Manage 2000 REST.SERVICES

REST.NEWS and REST.MSO

A PWS function as a front-end to REST Services



THE END GAME

ERP System Integrated with the World



POSSIBLE REST SERVICE INTEGRATIONS

- Third Party Logistics (3PL)
 - FEDEX, UPS, USPS, Aggregators
 - Tracking, Rate Quotes, Times in Transit, Regulatory Documents and Advisories, Trade Documents Upload
- Cloud Talk
 - AWS
 - Azure
 - Shopify
 - Adobe Acrobat Sign
- Internal Integrations
 - Power BI, Excel
 - MES
 - Parent company systems



THIRD PARTY LOGISTICS INSIDE MANAGE 2000

| 💌 🖸 🔳 🕲 🛛 🖸 🛛 🖾 🛛 🔂 🗮 🖉 The 🛛 M | Inbc 🛆 Nov 🗖 Mar + 🛛 — 🗆 🗙 |
|---|--|
| ← → C ⊗ Not secure https://vm-mps-m2kwin11.americas.epicor.ne | t/Peter/MT/Ne 🛧 🙊 🔊 🖸 🛛 🕣 🌖 🗄 |
| 🗅 Epicor Software 🗅 USPS 📻 Welcome To Peter A 🗅 VisiFax 😈 Peter M N | Newby - 20 🗅 Family » 🗎 🗅 All Bookmarks |
| ShortCuts IntraNet Access Manage | 2000 Portals My Account Web Development Epicor 🛛 🏫 🙆 📤 |
| EPICOR Manage 2000* News Reader | |
| Welcome SeeAlso IntraNet Access | 🛎 🖬 🔤 🔛 📑 🗎 🖬 |
| Channel Selector UPS News | |
| UPS News | |
| So Nbr 5029 Tracking Info from UPS Cust Nbr 1024 | |
| Tracking Nbr Delivery Date Deli | very Time |
| 1Z1442YY7229014688 20220126 163 | |
| Status Delivery Date Deli DELIVERED 20220126 163 | |
| Shipper created a label, UPS has not received the package yet. 20220126 151 | |
| | |
| | |
| PETER (Facility: 01 User: pmn) View in Mobile Styl | e Welcome, Peter Newby |
| Epicor Software Company Terms of use Privacy Policy Contact Us | |



PWS FUNCTION WITH FEDEX BACKEND

| hp4 - pmn:PETER - Manage 2000 - Peter Newby | - | | |
|--|---|--|------------------------------------|
| File Edit Commands Scripts Tools ProcessOpts Help Debug | | | |
| Attachments 📶 Add Attachment 🖉 Add Note 📻 Notes | Vote Summary | | |
| FEDX Shipping Rates Live from FEDX | "ADD" Mod | e | |
| PEDA Shipping Rates Live from PEDA 01 From Postal Code 55441 02 To Postal Code 65802 03 Pickup Type USE_SCHEDULED_PIC 04 Service Type FEDEX_2_DAY 05 Packaging Type .01) ACCOUNT .02) LIST .02) LIST Entries 2 .03) .02) .03 07 Unit of Measure LB .03 08 Weight .05 .03 | Image: Second State Control of Second State (Second State Control of Second State (Second State) Image: Second State Control of Second State (Second State) Image: Second State Control of Second State (Second State) Image: Second State Control of Second S | Afb90-6c61-4cd3-9efa-97e5284b597 code has been changed. ince code has been changed. es & taxes, clearance entry fees e for any applicable Clearance Er | or other import fees. The payor of |



REST CONCEPTS



REST CONCEPTS

1.URL Based Resource - https... to some URL endpoint

- 2.HTTP Methods **POST** and **GET**
 - 1. Less used in JSON APIs PUT, PATCH, DELETE, CONNECT, OPTIONS, TRACE
- 3. Security Versions SSL 3.0 TLS v1.1, TLS v1.2, TLS v1.3

4. Authentication Schemes

- 1. Unauthenticated
- 2. Authenticated
 - 1. Form Variable
 - 2. HTTP Header Variable Basic Authentication, Bearer Token (JWT) ...

5. Parameter Passing

- 1. Querystring (GET)
- 2. Form Variable (POST)
- 3. Route Path Variable (GET, POST)
- 4. HTTP Header (GET, POST)
- 5. HTTP Body JSON package (POST)

6. Result – HTTP Body JSON package, maybe plain text, maybe HTML, maybe BLOB



REST.SERVICES



PUBLIC IP EXAMPLE

| File Edit Commands Scripts Attachm | | | | "CHG" Mode |
|------------------------------------|----------|--------------------------------|-----|-------------------|
| Service ID | PIP | | 0 | 2 Custom Flag N |
| 3 Description | | Get current public IP address | _ | |
| 4 Protocol | | 05 Security Ver | | |
| 6 HTTP Version | | 07 HTTP Method | GET | |
| 8 Timeout | | 09 Content Type | | |
| 0 Endpoint | | https://api.ipify.org | , | |
| 1 Auth Token | | | | |
| 2 Add Header | .01) | | | |
| Entries 0 | .02) | | | |
| 3 Body | .01) | | | |
| | .02) | | | |
| | .03) | | | |
| | .04) | | | |
| Entries 0 | .05) | | | |
| 14 Paramet | ter Name | 15 Parameter Value | | 16 Parameter Type |
|)1) | | | | ^ |
|)2) | | | | |
|)3) | | | | · · · |
| Entries | 0 | | | Test Connection |
| Change Which | Field | d, END, TOP, ∖P, TC Mail: 1 | t. | |

 Simple GET with no parameter and no authentication



NATIONAL WEATHER SERVICE EXAMPLE

| | hp4 - pmi | n:PETER - Mana | age 2000 - F | Peter Newby | | | | | | | | | - 0 | × |
|--------------|-----------|----------------|--------------|--------------|------------|---------|---------|----------------------------------|-------|-----------|-------------|--------|--------|------|
| Fil | e Edit | Commands | Scripts | Attachments | Tools Proc | essOpts | s Help | Debug | | | | | | |
| Atta | chments a | Add At | tachment 🤞 | Add Note | Notes | E | | Note Summary | | | | | | |
| Mai | ntain R | EST Servi | ce Confi | guration Tat | ble | | | (328 |) | | | "CHG | " Mode | |
| | Servio | e ID | NWS | | | | | | | 02 | Custom Fla | 9 | Y | |
| 03 | Descr | iption | | National V | Veather Se | rvice | | | | | | | | |
| 04 | Protoc | col | | HTTPS | | 05 | Secu | rity Ver | | TLSv1.2 | | | | |
| 06 | HTTP | Version | | 1.1 | | 07 | HTTF | Method | | GET | | | | |
| 80 | Timed | out | | 30 | 000 | 09 | Conte | ent Type | | x_www_for | m_urlencode | d | | |
| 10 | Endpo | pint | | https://api | .weather.g | ov/gri | idpoint | s/ <mark>&LOC&/</mark> f | oreca | st | | | | |
| 11 | Auth 7 | Foken | | | | | | | | | | | | |
| 12 | Add H | leader | .01) | | | | | | | | | | | |
| Er | ntries | 0 | .02) | | | | | | | | | | | |
| 13 | Body | | .01) | | | | | | | | | | | |
| | | | .02) | | | | | | | | | | | |
| | | | .03) | | | | | | | | | | | |
| | | | .04) | | | | | | | | | | | |
| Er | ntries | 0 | .05) | | | | | | | | | | | |
| | 14 | Paramet | er Name | Э | 15 Para | meter | r Value | | | | 16 Param | eter T | уре | |
| .01) | |)C | | | OHX/62,4 | 3 | | | | | ROUTE | | | |
| .02) | | | | | | | | | | | | | | |
| .03) | | | | | | | | | | | | | | |
| | En | tries | 1 | | | | | | | | Test Connec | tion | | |
| | | | | d, END, | TOP, \ | P, 1 | TC . | | • | | | | | |
| \checkmark | X * | User pmn:PE | TER, PID 00 |)30 on hp4 | | | | | | | | | R 0 I | ns 🖰 |

 GET with route parameter and no authentication



FEDEX AUTHENTICATION EXAMPLE

| hp4 - pmn:PETER - Manage 2000 - Peter Newby | – 🗆 X |
|---|----------|
| File Edit Commands Scripts Attachments Tools ProcessOpts Help Debug | |
| Attachments 2000 Add Attachment 🖉 Add Note 📻 Notes Note Summary | |
| Maintain REST Service Configuration Table (328) "CH | HG" Mode |
| Service ID FX1 02 Custom Flag | Y |
| 03 Description FEDEX Auth Token | |
| 04 Protocol HTTPS 05 Security Ver TLSv1.2 | |
| 06 HTTP Version 1.1 07 HTTP Method POST | |
| 08 Timeout 30000 09 Content Type x_www_form_urlencoded | |
| 10 Endpoint https://apis-sandbox.fedex.com/oauth/token | |
| 11 Auth Token | |
| 12 Add Header .01) | |
| Entries 0 .02) | |
| 13 Body .01) | |
| .02) | |
| .03) | |
| .04) | |
| Entries 0 .05) | |
| 14 Parameter Name 15 Parameter Value 16 Parameter | Туре |
| .01) grant_type client_credentials | |
| .02) client_id [1782291f85cd5843c4a061ace1d4dd | |
| .03) client_secret | |
| Entries 3 Test Connection | |
| Change Which Field, END, TOP, \P, TC | |
| V X X User pmn:PETER, PID 0030 on hp4 | 0 Ins 🖰 |

POST with text/plain
 Form Variables



FEDEX RATE REQUEST

| hp4 - pmn:PETER - Manage 2000 - Peter Newby | – 🗆 X |
|---|---------------|
| File Edit Commands Scripts Attachments Tools ProcessOpts Help Debug | |
| Attachments 2000 Add Attachment 2 Add Note 💼 Notes 💼 Note Summary | |
| Maintain REST Service Configuration Table (328) | "CHG" Mode |
| Service ID FX4 02 Custon | n Flag Y |
| 03 Description Fedex SandBox REST Rate Quote | |
| 04 Protocol HTTPS 05 Security Ver TLSv1.2 | |
| 06 HTTP Version 1.1 07 HTTP Method POST | |
| 08 Timeout 30000 09 Content Type application/json | |
| 10 Endpoint https://apis-sandbox.fedex.com/rate/v1/&ENDPOINT& | |
| 11 Auth Token Bearer &AUTH& | |
| 12 Add Header .01) x-local:en_US | |
| Entries 2 .02) x-customer-transaction-id:0e671149-016f-1000-941f-ef4dbabadd | |
| 13 Body .01) { | |
| .02) accountNumber": { | |
| .03) "value": "&ACCT.NBR&" | |
| .04) }, | |
| Entries 30 .05) "requestedShipment": { | |
| | arameter Type |
| .01) AUTH CALL GetAuthToken(Value, FX1, \$. ROUT | |
| .02) ENDPOINT rates/quotes ROUT | |
| .03) ACCT.NBR XXXX7364 ROUT | E |
| Entries 11 Test C | onnection |
| Change Which Field, END, TOP, \P, TC | |
| V X 🛨 User pmn:PETER, PID 0030 on hp4 | 🕅 0 Ins 🖰 |

- POST with HTTP Header OAUTH Bearer Token (JWT) Authentication and with ROUTE variable and JSON HTTP Body Request, supporting many complex input variables
- Auth token retrieval delegated to REST.SERVICE FX1 by using a call to GetAuthToken



HTTP BODY JSON PARAMETER PASSING

| 👥 hp4 - pmn:PETER - Mar | nage 2000 - Pet 📴 | REST.SERVICES Body, TOP - | |
|--|--------------------------------------|--|---|
| File Edit Commands | s Scripts A F | ile Edit Insert View Syntax | |
| Attachments 200 Add A | Attachment 🖉 🗄 | 🖹 🍐 🚳 🚔 🔎 🜬 Cut 🐘 🆍 🔿 🔿 Zoom Level 100% 🛛 🔹 | |
| aintain REST Serv | | escription Id 328*FX4 | |
| | | aximums: Width 255 Lines: 9,999 | |
| Service ID | FX4 ¹ ₂ | { "accountNumber": { "value": "\$ACCT.NBR\$" | |
| 3 Description | 4 | }, | |
| 4 Protocol | 5 | "requestedShipment": { | |
| 6 HTTP Version | 6 | "shipper": { | |
| | 7 | "address": { | |
| 8 Timeout | 8 | "postalCode": &FROM.ZIP&, | |
| 0 Endpoint | 9 | "countryCode": "US" | |
| 1 Auth Token | 10 | }, | |
| 2 Add Header | .01) 12 | "recipient": { | |
| Entries 2 | .02) [13 | "address": { | |
| | 14 | "postalCode": &TO.ZIP&, | |
| 3 Body | .01) 15 | "countryCode": "US" | |
| | .02) [16] | } | |
| | .03) [17 | }, "pickupType": "&PICKUP.TYPE&", | |
| | .04) | "pickupiype": "&Pickup.lipea", "serviceType": "&SERVICE.TYPE&", | |
| Entries 30 | .05) [20] | "packagingType": "&PACKAGING.TYPE&", | |
| | 101 | "rateRequestType": [| |
| and the second | eter Name 22 | &RATE.REQUEST.TYPES& | |
| D1) AUTH | 23 | 1, | |
| 02) ENDPOINT | 24 | "requestedPackageLineItems": [| |
| 03) ACCT.NBR | 25 | { | |
| Entries | 11 26 27 | "weight": { "units": "&UOM&", "value": "&WEIGHT&" } } | |
| | 21 | 1 | |
| 3.1 Body, TO Please Wait Transmi | - 20 | | Þ |
| VXX User pmn:P | ETER, PID 0030 | fset: 0 Row: 1 Column: 1 Insert | |

- Values in the Body can be parameterized allowing applications to make complex requests
- Default values can be codified in the REST.SERVICES record and only overridden as needed



INCORPORATING REST INTO MANAGE 2000



APPROACHES TO USING REST IN MANAGE 2000

- Create news articles incorporating REST content
- Create Manage 2000 Software Objects (MSO) with REST Content
- Create custom REST processes using the tools subroutine REST.SERVICE
- Create Manage 2000 functions based on REST functionality



REST.NEWS



NEWS.ARTICLE REST NEWS SOURCE

| | nents @ @ C | 🖉 Add Attachment 🖉 🛛 Ad | d Note | Notes | | Note St | ummary | | | |
|-----|--|-------------------------|---------------|--|---------|---------|-------------|-----------|----------------|-----|
| ews | Article Ma | aintenance | | | | | | "(| CHG" Mode | |
| | | | | | | | | | | |
| lo | 1 | 000054 | | | | 02 | News Source | REST | | |
| 7 D | esc | National Weather | Service | | | 03 | ECA Id | | | |
| 8 T | itle | National Weather | Service | | | 04 | Monitor | | | |
| 9 C | ategory | SYS System Adn | ninistration | | | 05 | MSO Id | | | |
| | | | | | | 06 | REST Id | NWS Na | tional Weather | · |
| | 10 Su | mmary (HTML) | | | | | E | ntries | 28 | |
| 01) | <h3>C</h3> | ustomer &LK CM& &LI | CM&{CM.Nar | ne} &LK | CM&{CM | M.City} | | | E | dit |
|)2) | | NWS Office | th>&LOC& | k <td>r></td> <td></td> <td></td> <td></td> <td></td> <td></td> | r> | | | | | |
| 03) | <th< td=""><td>>Updated At</td><td>Units</td><td>Forecast</td><td>Generat</td><td>or</td><td>><</td><td></td><td></td><td></td></th<> | >Updated At | Units | Forecast | Generat | or | >< | | | |
| 04) | | | | | | | | | | |
| | | Drill Back | | | | | | | | |
| 1 F | unction | | | | | | | | | |
| 2 D | ocument | /ROIPortals/Welco | mePortal/Welc | omePort | al.aspx | | | | | |
| | | | | | | | | | | |
| | 13 Fe | eds | E | ntries | 1 | | 14 Code E | Behind | | |
| 01) | 000019 | Customer News and | Weather | | | | REST.NEW | /S | | |
|)2) | | | | | | | 15 Param | eters | Entries | 2 |
| 03) | | | | | | .0 | 1) NWS | | | |
| 04) | | | | | | .0 | 2) LOC=&LK | CM&{CM.Nw | s_Loc} | |
| 6 P | ublish on | | 17 Retire | e on | | | | | | |



| | | | | | ShortCuts IntraNet Access M | Manage 2000 Portals | My Account | Web Development | Epicor | 🔒 í |
|---|--|---|----------------------------|--|--|---------------------|------------|-----------------|---------|-----|
| PICOR Inage 2000 N | ews Re | ader | | | | | | | | |
| ome SeeAlso IntraNet Access | | | | | | | | i 🕹 🚺 | 🌆 🔝 🛅 🚟 | |
| annel Selector REST resu | llts in Manage | ≥ 2000 ∨ | | | | | | | | |
| REST results in Ma | nage 20 | 00 | | | | | | | | |
| National Weather Se | rvice | | | | | | | | | |
| Hudonal Weather De | | | | | | | | | | |
| Customer 1024 Sears | | nc MINNEAPOLIS | | | | | | | | |
| Customer 1024 Sears | Systems, I | nc MINNEAPOLIS | | | | | | | | |
| Customer 1024 Sears | Systems, I MPX/108,73 | | | | | | | | | |
| Customer 1024 Sears | Systems, I MPX/108,73 Units | Forecast Generator | | | | | | | | |
| Customer 1024 Sears | Systems, I MPX/108,73 Units us | Forecast Generator BaselineForecastGenerator | | Wind | Desc | | | | | |
| Customer 1024 Sears S NWS Office Updated At 2023-09-19T20:32:07+00:00 Day | Systems, I MPX/108,73 Units us Temperature | Forecast Generator BaselineForecastGenerator Dew Point | Humidity | | | | | | | |
| Customer 1024 Sears | Systems, I MPX/108,73 Units us Temperature 80 F | Forecast Generator BaselineForecastGenerator Dew Point 16.7 wmoUnit:degC | Humidity 56 | 10 mph SE | Mostly Sunny | | | | | |
| Customer 1024 Sears NWS Office Updated At 2023-09-19T20:32:07+00:00 Day This Afternoon Tonight | Systems, I MPX/108,73 Units us Temperature 80 F 61 F | Forecast Generator BaselineForecastGenerator Dew Point 16.7 wmoUnit:degC 16.7 wmoUnit:degC | Humidity 56 90 | 10 mph SE 5 to 10 mph SE | Mostly Sunny Mostly Clear | | | | | |
| Customer 1024 Sears | Systems, I MPX/108,73 Units us Temperature 80 F 61 F 85 F | Forecast Generator BaselineForecastGenerator Dew Point 16.7 wmoUnit:degC | Humidity 56 90 | 10 mph SE 5 to 10 mph SE 5 to 10 mph SSE | Mostly Sunny Mostly Clear | 5 | | | | |
| Customer 1024 Sears NWS Office Updated At 2023-09-19T20:32:07+00:00 Day This Afternoon Tonight Wednesday | Systems, I MPX/108,73 Units us Temperature 80 F 61 F 85 F 61 F | Forecast Generator BaselineForecastGenerator Dew Point 16.7 wmoUnit:degC 16.7 wmoUnit:degC 18.3 wmoUnit:degC | Humidity 56 90 93 | 10 mph SE 5 to 10 mph SE 5 to 10 mph SSE | Mostly Sunny Mostly Clear Mostly Sunny Slight Chance Showers And Thunderstorm | s | | | | |



REST.MSO



MSO.BUILD REST NEWS SOURCE

| 📧 hp4 - pmn:PETER - Manage 2000 - Peter Nev | wby . | PWS Viewer - [FEDEX Transit Time Infomation (pmn:PETER)] | | | | | |
|---|---|--|----------------|--|--|--|--|
| File Edit Commands Scripts Attach | ments Tools ProcessOpts Help Debug | | | | | | |
| Attachments 200 Add Attachment @ Add | Note Notes Note Summary | File Edit Window Help | | | | | |
| MSO.BUILD.1 - Main Software Obje | ect Information | | | | | | |
| Object ID 2335C | 02 Extended Description | Transittimedetails | | | | | |
| .01) | Fedex Availability Transit Times | | | | | | |
| .02) | Example call to FEDEX REST API to get transit times | serviceType | FEDEX GROUND | | | | |
| Object Type B | 04 Object Command | serviceName | FedEx Ground | | | | |
| .01) | REST.MSO | dayOfWeek | Wed | | | | |
| .02) | ServiceID = FX5 | time | 23:59 | | | | |
| .03) | Parameter1 = FromZip=55441 | - day | Apr-19-2023 | | | | |
| .04) | Parameter2 = ToZip=&LK SOH&{SOH.Cust_Zip} | - | - | | | | |
| .05) | Parameter3 = Weight=6 | minimumTransitTime | ONE_DAY | | | | |
| | | description | 1 Business Day | | | | |
| | | _ countryCode | US | | | | |
| 05 Windows Caption | FEDEX Transit Time Infomation | stateOrProvinceCode | TN | | | | |
| 06 Category Group | UTIL System Utilitie | postalCode | 55401 | | | | |
| 3,7,1 | | locationNumber | 380 | | | | |
| 07 Sub-Category | CM Customer Number | airportId | MEM | | | | |
| | | - | | | | | |
| | | Customermessages | | | | | |
| Change Which Field, D | ELETE, END, TOP, \P | | | | | | |
| | | code | 2036 | | | | |
| User pmn:PETER, PID 0460 on hp4 | 4 | message | End of Day | | | | |
| | | | _ | | | | |
| | | 1 | | | | | |



WRITING A REST APPLICATION



SCREEN.BUILD A UI

| | hp4 - pmn | :PETER - Mana | ge 2000 - | Peter Newby | | | - 🗆 X |
|------|-----------|---------------|------------|-------------|-------|-------|--|
| Fil | e Edit | Commands | Scripts | Attachments | Tools | Help | Debug |
| Atta | chments 👌 | Add Att | achment | 🖉 🛛 🖉 🖉 | | Notes | Note Summary |
| FED | X Ship | ping Rates | Live fro | om FEDX | | | Last Update: pmn 12-07-23 |
| | | | | _ | | | |
| 01 | | Postal Cod | e | | | | |
| 02 | | stal Code | | | | | |
| 03 | Pickup | | | | | | |
| 04 | | еТуре | | | | | |
| 05 | Packa | ging Type | | | | | (FEDX.RATES_PMN) FEDX Shipping Rates Live from FEDX |
| | - | | | o.u. [| | | |
| 06 | Reque | st Type | | .01) | | | File Edit Help |
| | - | | | · · · · | | | Prompt V Xdata 1 V Xdata 2 |
| | Entrie | S | | .03) | | | 1 01 From Postal Code 8FROM.ZIP8 |
| 07 | Linit of | f Measure | | г | | | 2 02 To Postal Code &TO.ZIP& 3 03 Pickup Type &PICKUP.TYPE& |
| 07 | | | | I. | | | 4 04 Service Type &SERVICE.TYPE& |
| 00 | Weigh | t | | ļ | | | 5 05 Packaging Type &PACKAGING.TYPE& 6 & &REQUEST.TYPE& |
| | | | | | | | 7 07 Unit of Measure &UOM& |
| | | | | | | | 8 08 Weight &WEIGHT& |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| · | | | | | | | OK Select All More Info Delete Show Filter Cancel Help |
| | × * | User and DC | | 000 an ha 4 | | | 8 items .: |
| V . | ~ * | User pmn:PE | IER, PID 0 | 060 on np4 | | | 8 items |



WRITE THE APPLICATION CODE

Create a new program with PGM.BUILD and add code to:

- 1. Call SUB.MT500 to run the screen
- 2. Overlay the variables from the screen to the REST common
- 3. Call REST.SERVICE
- 4. Parse the result with JPATH
- 5. Present the results to user, perhaps in the PWS Viewer using SUB.TEXT.OUTPUT



PWS FUNCTION WITH FEDEX BACKEND

| hp4 - pmn:PETER - Manage 2000 - Peter Newby | | - 0 × | | | | |
|--|--|--|--|-----------------------------|--------------------------------|--------------|
| File Edit Commands Scripts Tools ProcessOpts Help Debug | | | | | | |
| Attachments 📶 Add Attachment 🖉 Add Note 📻 Notes 📑 Note | immary | | | | | |
| FEDX Shipping Rates Live from FEDX | "ADD" | Mode | | | | |
| 01 From Postal Code 55441 02 To Postal Code 65802 03 Pickup Type USE_SCHEDULED_PICKUF 04 Service Type FEDEX_2_DAY 05 Packaging Type FEDEX_LARGE_BOX 06 Request Type .01) | PWS Viewer - (Live Rate Data from FEDEX REST API (pmm?FETER)) | | | | | - 0 X |
| .02) LIST | | | | | | - # × |
| Entries 2 .03) | File Edit Window Help | | | | | |
| 07 Unit of Measure LB 08 Weight 15 | Live Rate Data from FEDEX RES Transaction ID: APIF_SV_RATC_ NOTE This is a Virtual R NOTE The origin state/pr NOTE The destination sta Customer Message Rate does not inclu duties/taxes/fees will be res | TxID0bcdfb90-6c61 esponse. ovince code has be te/province code l de duties & taxes | een changed. has been changed. , clearance entry | fees or other | | The payor of |
| | Type Base Charg ACCOUNT 66.2 LIST 66.2 | 0 88.50 | Vat Charge 15.90 14.50 | FEDEX Net 72.50 72.50 | Net w/Duties 88.50 87.00 | and Taxes |
| Change Which Field, END, TOP, \P | | | | | | |



CONCLUSION



USING MANAGE 2000 8.1 SP6 REST.SERVICES

• Make information and services from across the Internet available within Manage 2000 ERP functions.

• Have Manage 2000 functions reach across the Internet accessing services, initiating processes, and incorporating information from other systems and organizations.

- Automate collaboration.
- Request Treasure # 40672 and 40673 to support delegated authentication and provide more flexible REST.SERVICES entry screen.



QUESTIONS AND ANSWERS



NUGM 2024

THANK YOU

