

Stuff, stuff, and more stuff *– acquisitions with EDI*



Galen Charlton, Equinox Software
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- EDI
- Evergreen's approach
- Setting up for EDI
- Workflows

EDI

- There are two main EDI standards in use: EDIFACT and X12
- Evergreen currently supports **EDIFACT**
- Want X12 support? That's an opportunity to contribute

EDIFACT

- UN/EDIFACT
- You can order and track aircraft with that!
- EDItEUR

Example ORDERS message

EDI Account baker_taylor

Filename 123EVER.In/dllvyEK_un

EDI Message Body UNA:+.? 'UNB+UNOB:3+:31B+1556150:31B+100922:2249+1'UNH+1+ORDERS:D:96A:UN'BGM+220+525+9'DTM+137:20100922:102'NAD+BY+0001::91'NAD+SU+1556150::31B'NAD+SU+7::92'CUX+2:USD:9'LIN+1651++9781416590958:EN'PIA+5+9781416590958:EN+1651:IN'IMD+F+BTI+::No Mystery'IMD+F+BPU'IMD+F+BPD'IMD+F+BPH'QTY+21:3'PRI+AAB:18.25'RFF+LI:525/1651'LIN+1652++9780061726163:EN'PIA+5+9780061726163:ERed door'IMD+F+BPU'IMD+F+BPD'IMD+F+BPH'QTY+21:2'PRI+AAB:15.25'RFF+LI:525/1652'LIN+1650++9781400067633:EN'PIA+5+9781400067633:EN+1a Novel'IMD+F+BPU'IMD+F+BPD'IMD+F+BPH'QTY+21:1'PRI+AAB:16.5'RFF+LI:525/1650'UNS+S'CNT+2:3'UNT+37+1'UNZ+1+1'

EDI Message ID 5

JEDI Message Body { "recipient": "1556150", "sender": "", "body": [{ "ORDERS": ["order", { "po_number": 525, "date": "20100922", "buyer": [// btreg { "id-qualifier": 91, "id": "0001", "id-qualifier": 92, "id": "7" }], "currency": "USD", "items": [{ "line_index": "1651", "identifiers": [{ "id-qualifier": "EN", "id": "9781416590958" }, { "id-qualifier": "IN", "id": "1651" }], "desc": [{ "BTI": "No Mercy: a Mystery" }, { "BPU": "" }, { "BPD": "" }, { "BPH": "" }], "free-text": [], "quantity": 3 }, { "line_index": "1652", "identifiers": [{ "id-qualifier": "EN", "id": "9780061726163" }, { "id-qualifier": "IN", "id": "1652" }], "price": 15.25, "desc": [{ "BTI": "The red door" }, { "BPU": "" }, { "BPD": "" }, { "BPH": "" }], "quantity": 2 }, { "line_index": "1650", "identifiers": [{ "id-qualifier": "EN", "id": "9781400067633" }, { "id-qualifier": "IN", "id": "1650" }], "price": 16.50, "desc": [{ "BTI": "Novel" }, { "BPU": "" }, { "BPD": "" }, { "BPH": "" }], "free-text": [], "quantity": 1 }], "line_items": 3 }]] }

EDIFACT messages

- ORDERS
- INVOIC
- ORDRSP

Setting up for EDI

- Herd the free kittens!
 - edi_fetcher.pl
 - edi_pusher.pl
 - action_trigger_runner.pl
 - A/T template
 - edi_translator

Setting up for EDI

- Vendor records
- SANs
- EDI profiles
- Shipping messages around

EDI profile

EDI Account ID	<input type="text" value="1"/>
Label	<input type="text" value="baker_taylor"/>
Host	<input type="text" value="ftp://ftp.baker-taylor.com"/>
Username	<input type="text" value="XXX"/>
Password	<input type="text" value="XXX"/>
Account	<input type="text"/>
Owner	<input type="text" value="JD"/>
Last Activity	<input type="text" value="9/23/2010"/>
Provider	<input type="text" value="btreg"/>
Path	<input type="text" value="123EVER.In"/>
Incoming Directory	<input type="text" value="123EVER.out"/>
Vendor Account Number	<input type="text"/>
Vendor Assigned Code	<input type="text" value="0001"/>
<input type="button" value="Cancel"/>	<input type="button" value="Save"/>

Workflows – Ordering

- Do normal process for selecting and ordering
- When it comes time to activate, magic happens!

Behind the magic

- Activation triggers event to ...
- Gather order information into JSON ...
- That edi_pusher fetches and ...
- Converts to EDIFACT using edi_translator ...
- Then sends to vendor

Workflows – responses

- Order responses
 - Update statuses
- Invoices
 - Create invoices
 - You still have to approve them –
Evergreen doesn't pay your providers, at least not yet

Coming down the pike

- Enriched orders
- More testing, more partners

Thanks!

Galen Charlton

VP for Data Services, Equinox

gmc@esilibrary.com



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