

Integration to Xero Accounting





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Xero Payment Request Structure

The following URL must be configured in Xero as a link to ZGo Payment Service component (inside Xero's Payment template generation)

```
https://localhost:4200/pmtservice/?  
ownerid=62cca13f5530331e2a97c78e&invoiceNo=[INVOICENUMBER]&currency=[CURRENCY]&amount=[AMOUNTDUE]&shortCode=[SHORTCODE]
```

Payment Request Example:

```
http://localhost:4200/pmtservice/?ownerid=62cca13f5530331e2a97c78e&invoiceNo=INV-  
0034&currency=USD&amount=753.95&shortCode=!w8T62
```

Fixed elements in URL

- **http://localhost:4200/** used for testing only. Must be changed to ZGo URL
- **pmtservice/** ZGo Payment service entry point
- **ownerid** Owner id assigned to client

Variable elements provided by Xero

- **amount** Invoice total value, corresponds to field named "total" in Xero's invoice structure
- **currency** Currency used - International alphanumeric code for currency (3 characters)
- **invoiceNo** Invoice number, corresponds to field named "invoiceNumber" in Xero's invoice structure
- **shortCode** This is a unique identifier of a *Xero organisation*. The shortCode is less than 10 characters and contains a string with numbers, letters and special characters. It is not part of Invoice structure.

Xero Invoice

Invoice Structure

In response to a invoice GET request, Xero sends back a JSON string similar to the following:

```
{  
  "invoices": [  
    {  
      "type": "ACCREC",  
      "contact": {  
        "contactID": "3e794332-107b-42fc-9705-639296d0222b",  
        "contactStatus": "ACTIVE",  
        "name": "ZGo Customer 001",  
        "firstName": "ZGo",  
        "lastName": "Customer",  
        "companyNumber": "123909090-A",  
      }  
    }  
  ]  
}
```

```
"emailAddress": "zgocust001@tecproval.com",
"contactPersons": [],
"addresses": [
  {
    "addressType": "POBOX"
  },
  {
    "addressType": "STREET"
  }
],
"phones": [
  {
    "phoneType": "DEFAULT",
    "phoneNumber": "9999999999",
    "phoneAreaCode": "593",
    "phoneCountryCode": "Ecuador"
  },
  {
    "phoneType": "FAX",
    "phoneNumber": "123456789",
    "phoneAreaCode": "593",
    "phoneCountryCode": "Ecuador"
  },
  {
    "phoneType": "MOBILE"
  },
  {
    "phoneType": "DDI"
  }
],
"isSupplier": false,
"isCustomer": true,
"salesTrackingCategories": [],
"purchasesTrackingCategories": [],
"updatedAtUTC": "2022-08-10T23:04:07.153Z",
"contactGroups": [],
"website": "www.tecproval.com",
"hasValidationErrors": false
},
"lineItems": [
  {
    "lineItemID": "3f5e3727-850d-4c98-996d-ff55285a59f2",
    "description": "Development work - developer onsite per day",
    "quantity": 1,
    "unitAmount": 650,
    "itemCode": "DevD",
    "accountCode": "200",
    "taxType": "OUTPUT",
    "taxAmount": 49.54,
    "item": {
      "code": "DevD",
      "name": "Development work - developer onsite per day",
      "itemID": "6cba12ac-e300-4745-838a-f57dfdb88e11"
    }
  },
  {
    "lineAmount": 650,
    "tracking": []
  },
  {
    "lineItemID": "66869502-06a5-45fe-a451-aba1f26ccb88",
    "description": "Golf balls - white single. Please reorder with code GB1-White",
    "quantity": 15,
    "unitAmount": 5.6,
    "itemCode": "GB1-White",
    "accountCode": "200",
    "taxType": "TAX001",
```

```
    "taxAmount": 6.76,
    "item": {
      "code": "GB1-White",
      "name": "Golf balls - white single",
      "itemID": "3644c19f-7c46-4e18-93fa-5550c307bcdd"
    },
    "lineAmount": 84,
    "tracking": []
  },
  {
    "lineItemID": "4934d150-1aa4-442c-b363-c142e4211bbd",
    "description": "Fish out of Water: Finding Your Brand",
    "quantity": 1,
    "unitAmount": 19.95,
    "itemCode": "BOOK",
    "accountCode": "200",
    "taxType": "TAX001",
    "taxAmount": 1.61,
    "item": {
      "code": "BOOK",
      "name": "Fish out of Water: Finding Your Brand",
      "itemID": "8bbaf73c-5a32-4458-addf-bd30a36c8551"
    },
    "lineAmount": 19.95,
    "tracking": []
  }
],
"date": "2022-08-13T00:00:00.000Z",
"dueDate": "2022-08-20T00:00:00.000Z",
"lineAmountTypes": "Inclusive",
"invoiceNumber": "INV-0034",
"reference": "Pmt Example 002",
"brandingThemeID": "f04ccf02-5a40-4ee2-a786-d6b97a34b8f4",
"currencyCode": "USD",
"currencyRate": 1,
"status": "AUTHORISED",
"sentToContact": true,
"subTotal": 696.04,
"totalTax": 57.91,
"total": 753.95,
"invoiceID": "ae8bef49-6c2f-440e-8cea-7043c41aa5d3",
"hasAttachments": false,
"isDiscounted": false,
"prepayments": [],
"overpayments": [],
"amountDue": 753.95,
"amountPaid": 0,
"updatedAtUTC": "2022-08-13T15:33:38.040Z",
"attachments": [],
"hasErrors": false
}
]
```

Information Required for Payment Service.

ZGo Variable	Type	Xero Invoice Field														
inv_Type	String	type														
		<table border="1"> <thead> <tr> <th>Values</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>ACCPAY</td> <td>A bill - commonly known as an Accounts Payable or supplier invoice</td> </tr> <tr> <td>ACCREC</td> <td>A sales invoice - commonly known as an Accounts Receivable or customer invoice</td> </tr> </tbody> </table>	Values	Description	ACCPAY	A bill - commonly known as an Accounts Payable or supplier invoice	ACCREC	A sales invoice - commonly known as an Accounts Receivable or customer invoice								
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ACCPAY	A bill - commonly known as an Accounts Payable or supplier invoice															
ACCREC	A sales invoice - commonly known as an Accounts Receivable or customer invoice															
inv_Id	String	invoiceID Xero generated unique identifier for invoice														
inv_No	String	invoiceNumber ACCREC - Unique alpha numeric code identifying invoice (printable ASCII characters only)														
inv_Contact	String	contact.name Full name of contact/organisation														
inv_Currency	String	currencyCode 3 letter alpha code for the currency - see list of currency codes														
inv_Total	Number	total Total of Invoice tax inclusive (i.e. SubTotal + TotalTax)														
inv_Status	String	status														
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PAID	An Invoice that is completely Paid															
VOIDED	A Voided Invoice															
inv_Date	Date	date Date invoice was issued - YYYY-MM-DD														
inv_shortCode	String	From payment request														
inv_procDate	Date	Zgo Processing date														



Processing Payment Request