



Principal Bank
 PO Box 9351
 Des Moines, IA 50306-9351
 1-800-672-3343
www.principalbank.com
 A member of the Principal Financial Group^o

Principal Bank Rollover XML Technical Specification

This document contains the technical specifications for transmitting rollover IRA's to Principal Bank via XML. This is version 0.5 and we are open to any suggestions that you may have.

Data Types:

Character:

Character indicates an element that allows character data up to a maximum number of characters, regardless of the number of bytes required to represent each character. The number after the Char specifies the maximum number of characters. For example, Char 9 specifies an element of characters with maximum length 9 characters.

Narrow Character:

Elements of type *Narrow Character* are elements of *character* data type with the additional restriction that the only allowable characters are those contained within the ISO Latin-1 character set.

Decimal:

Decimal indicates a numeric value that meets the following rules:

- The value is up to fifteen (15) decimal digits in length.
- The value is not restricted to integer values and has a decimal point that may be placed anywhere from the left of the leftmost digit to the right of the rightmost digit (e.g., +.12345678901234 is acceptable while 12345678901234567 is not).

Long:

Integer value. May be positive, negative, or zero. Values range from -2147483648 to 2147483647.

Phone Number:

Phone Number indicates a string of up to 32 narrow characters in length (NC-32). It must begin with a plus sign "+" followed by country code, a hyphen, city/area code, another hyphen, then the local phone number. If a PBX extension is to be included, it must appear at the end of the field, separated from the rest of the telephone number by a plus sign. For example, "+1-888-1112323+896" indicates PBX extension 896 at phone number 1112323 within area code 888 of North America (country code 1).

<SAFOAddRq>

Element/Aggregate	Type	Usage	Description
<RetireRolloverInfo>	Aggregate	Required Repeating	

<RetireRolloverInfo>

Element/Aggregate	Type	Usage	Description
< PlanAdminTIN >	Char 9	Required	Plan Administrator TIN
<PlanSponsorTIN>	Char 9	Required	Plan Sponsor TIN
<RetirePlanId>	Char 10	Required	Retirement Plan Identification Number
<SafeHarborAcctDtl>	Aggregate	Required Repeating	



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<SafeHarborAcctDtl>

Element/Aggregate	Type	Usage	Description
<TransferType>	Char 1	Required	A = Additional Benefit to Existing Traditional Account N = New Traditional Rollover Account R = New Roth Rollover Account RA = Additional Benefit to Existing Roth Account
<Customer>	Aggregate	Required	
<Account>	Aggregate	Required	

<Customer>

Element/Aggregate	Type	Usage	Description
<PersonName>	Aggregate	Required	
<CustAddr>	Aggregate	Required	
<BirthDt>	Date	Required	
<TaxId>	Char 9	Required	Tax Identifier
<EmailAddr>	Char 56	Optional	Primary email address
<EvePhone>	PhoneNumber	Optional	Home telephone number
<DayPhone>	PhoneNumber	Optional	Day telephone number

<PersonName>

Element/Aggregate	Type	Usage	Description
<LastName>	Char 40	Required	Customer Last Name
<FirstName>	Char 40	Required	Customer First Name
<MiddleName>	Char 40	Optional	Customer Middle Name
<TitlePrefix>	Char 8	Optional	Customer Title Prefix (Ex. Mr. or Dr.)
<NameSuffix>	Char 6	Optional	Customer Name Suffix (Ex. Jr. or II)

<CustAddr>

Element/Aggregate	Type	Usage	Description
<Addr1>	Char 40	Required	Address Line 1
<Addr2>	Char 40	Optional	Address Line 2
<City>	Char 32	Required	City
<StateProv>	Char 2	Required	State or Province
<PostalCode>	Char 11	Required	Postal Code. ZIP Code, in the US
<Country>	Char 3	Required	Country



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<Account>

Element/Aggregate	Type	Usage	Description
<OpenAmt>	CurrencyAmount (See Below)	Required	Amount

<Date>

Element/Aggregate	Type	Usage	Description
<Year>	Long	Required	4-digit year value
<Month>	Long	Required	Range 1 through 12
<Day>	Long	Required	Range 1 through 31

<CurrencyAmount>

Element/Aggregate	Type	Usage	Description
<Amt>	Decimal	Required	Amount
<CurCode>	Narrow Char 3	Required	Default to USD. At this time, we only accept USD.