**Indiana Campaign Finance System**

**Electronic Data Interchange**

**XML Reporting Specification**

**Version 1.0**

**dated 10/24/2011**

**Effective September 29, 2010**

History of Changes

|  |  |  |
| --- | --- | --- |
| **Version** | **Date** | **Description of Change** |
| 1.0 | 08/06/2010 | Original draft of EDI XML reporting specifications. |
| 1.1 | 08/26/2010 | Added Payee and Contributor Codes. |
| 1.2 | 09/23/2010 | Updated Contributor Types, Disbursement Types, Expenditure Types and Deleted Payee Type. |
| 1.3 | 09/25/2010 | Removed Element ContributionReturn. |
| 1.4 | 10/24/2011 | Added Occupation Code, added more explaination on cbOccupation, ExOccupation and debtGuarantor |

**TABLE of CONTENTS**

[Overview 1](#_Toc268904193)

[Imported Files 1](#_Toc268904194)

[Data Types 2](#_Toc268904195)

[File Naming 3](#_Toc268904196)

[File Elements / Occurrences 3](#_Toc268904197)

[Overview 3](#_Toc268904198)

[The *<control>* Element. 4](#_Toc268904199)

The<*contribution*> Element 5

[The <*expenditure*> Element. 7](#_Toc268904200)

[The <*debt*> Element. 9](#_Toc268904201)

[The <*debtPayment*> Element. 10](#_Toc268904202)

[Code Tables 11](#_Toc268904205)

[cbContributionType (type of contribution) 11](#_Toc268904206)

[cbContributorType (type of contributor) 11](#_Toc268904207)

[cbOccupation (contributor’s occupation) 11](#_Toc268904208)

[exDisbursementType (expenditure disbursement type) 13](#_Toc268904209)

[exExpenditureType (type of expenditure) 13](#_Toc268904210)

exOccupation (payee's occupation) 13

[debtType 14](#_Toc268904212)

# Overview

This document details how to build a Campaign Finance report data file using XML in order to submit campaign finance data using Electronic Data Interchange (EDI). This document is written for committees and vendors who wish to create a software package to allow submission of contribution, expenditure, and loan data electronically with the Secretary of State without having to re-type the information into the Campaign Finance web application

With each of the line items submitted (contributions, expenditures, debts, debt payments, contribution returns, and expenditure returns), it is required that you include an external reference ID, the alphanumeric identifier your system attaches to each line item. It needs to be a unique ID in your system and the value must be unique for each transaction submitted. EDI Submission error reports will use this reference ID to match an error to a specific line item within your data file. In addition, the reference ID enables the system to detect and avoid adding duplicate records in the event duplicate reference IDs are included in more than one file upload, or a file is inadvertently uploaded twice.

You are also encouraged to use a similar type of unique identifier for your contributors and expenditure payees. This will enable the audit process to be more accurate and ultimately be more helpful to you.

# Imported Files

**What does the import file contain?**

You will be electronically submitting only the line item records of contributions, expenditures, debts, debt payments, contribution returns, and expenditure returns. Summary totals are not included. The system calculates your summary totals for you, based on the line items submitted. This is done at the time you log into the system to file your final report for a reporting period.

**When can files be imported?**

These items (your contributions, expenditures, debts, debt payments, contribution returns, and expenditure returns) can be submitted at any time during your current reporting period. You may choose to submit all at one time, or submit items periodically during your current reporting period. **NOTE: Items submitted (imported), but not yet filed, are only viewable by the committee submitting the items and the Secretary of State’s campaign finance staff. The items are not viewable by the public until filed by your committee.**

**How do the reported items get filed?**

When you are ready to file the report for a reporting period, the committee agent or candidate will need to log into the Campaign Finance System and select the Filings tab. The system will create your report dynamically and calculate all totals based on the items you have submitted electronically and/or entered online. You will be able to preview the report before final submission.

**What is the format of the import file?**

An import file may contain any combination of contributions, expenditures, debts, debt payments, contribution returns, and expenditure returns. The file will consist of a single XML formatted file containing exactly one record, with elements having zero-to-many relationships (see the File Elements / Occurrences section of this document).

**Can a committee undo a submitted file?**

It is possible to undo an entire submitted file. Line items from that imported file will be deleted from the database as long as:

* The item has not been included on a filed report.
* The item does not have other records associated to it from other import files.

If individual items are bypassed for the above reasons, and do not get automatically removed, you will need to log into the Campaign Finance system to delete them individually.

# Data Types

This section describes the data types acceptable to the import program.

* Char(n). This is a character field. Any field listed as character can have any alphanumeric information as well as punctuation. Maximum lengths are in parenthesis. Please be aware that use of lowercase alpha information will be converted to uppercase alpha information. Note: to allow for special characters in text please surround character data with the **<![CDATA[** tag.
* Integer. Only digits are allowed in this type of field.
* Date. Please format all user entered dates as CCYY-MM-DD.
* DateTime. Please format all user entered datetimes as CCYY-MM-DDThh:mm:ss.
* Money. A positive currency amount, which should be specified without a dollar sign. The decimal is optional for whole dollars. If there is a decimal, there should always be at least one digit to the left of the decimal, even if the amount is a fraction of a dollar (this is the only case in which leading zeros are advocated). Valid examples: 5.01, 0.25, 25.7, 43. Invalid examples: 3.731, $5.25, .75.
* MoneyIncludeZero. This is the same as the money data type, except that 0.00 is allowed.
* Decimal. Behaves like the money data type, but the number of digits to the right of the decimal may be more than two . Example: interest rate in the LOAN element. 4.5 % should be entered as 4.5. A rate of 6 and 7/8% would be entered as 6.875.

# File Naming

There is no specific file naming requirement to submit your data using XML, other than the file extension should be .xml.

# File Elements / Occurrences

## Overview

The main sections or elements of the XML document are:

|  |  |
| --- | --- |
| **Import File Schema Elements** | **Occurs** |
| *Control* – This is the highest element within the XML document. It contains all the sub-elements, and contains information on the filing request such as the committee, a brief description, and the date and time the XML file was created. | 1 |
| *Contribution* - Contains contributions | 0 to many |
| *Expenditure* - Contains expenditures | 0 to many |
| *Debts* - Contains debt records (new debts received) | 0 to many |
| *DebtPayment* - Contains debt payments made on existing debts | 0 to many |

**In the following tables**, in the ‘Format’ column for each Element, please pay attention to ‘not null’. If a field is designated as ‘not null’, that field must have a value. The omission of values for ‘not null’ fields will be cause for file rejection.

The ‘Description’ column and any ‘Notes’ following an element table indicate which items are required and which items use Code Table values.

## The *<control>* Element.

| **Element or Attribute Name** | **Format** | **Description** |
| --- | --- | --- |
| committeeId | char(10) not null | This is your File Number assigned by the Election Division.. This Committee ID must match the committee that is logged into the Campaign Finance System at the time the upload is submitted. Required. |
| committeeName | char(100) not null | Committee full name. Required. |
| fileCreateDateTime | dateTime not null | Date file was created, time in 24 hour notation. Format CCYY-MM-DDThh:mm:ss. Required. |
| description | char(100) not null | Description of this upload file. Required.  The description is used to identify the upload file in the email confirmation back to the filer, as well as on the Imported File History page. It can be any text meaningful to you to help identify an individual upload file. |
| contribution | [*complex type element*] | zero to many occurrences |
| expenditure | [*complex type element*] | zero to many occurrences |
| debt | [*complex type element*] | zero to many occurrences |
| debtPayment | [*complex type element*] | zero to many occurrences |

**CONTROL ELEMENT NOTES:**

Namespace: Each XML file will need xmlns="<http://tempuri.org/XMLSchema.xsd>" as an attribute of the “control” group.

**The <*contribution*> Element.**

| **Element or Attribute Name** | **Format** | **Description** |
| --- | --- | --- |
| contributionId | char(30) not null | This is your committee’s unique external reference ID for this contribution record. Required. |
| cbContributionType | char(2) not null | See Code Table section for valid values. Required. |
| cbAmount | money not null | Contribution amount. Must be a valid dollar amount greater than 0.00. Required. |
| cbCycleAmount | money not null | Aggregate amount from this contributor to the reporting committee during the current election cycle. The election cycle time period is viewable in your committee workspace. Required. |
| cbDate | date not null | Contribution date – date contributed to committee. Required. |
| cbContributorId | char(30) | This is your committee’s optional external ID for the contributor. It is highly recommended you use this to uniquely identify your contributors. |
| cbContributorType | char(2) not null | See Code Table section for valid values. If Contribution Type = ‘06’, use ‘05’ (Other) for Contributor Type. Required. |
| cbOrgId | char(11) | The contributor’s Committee Organization ID if the contributor is a registered committee, otherwise null. |
| cbOrgName | char(100) | The Organization name if the contributor is not an individual. Required if the contribution is not from an individual. |
| cbFirstName | char(100) | The contributor’s first name if the contributor is an individual. Required if from contribution from Individual. |
| cbMiddleName | char(100) | The contributor’s middle name if the contributor is an individual. Optional |
| cbLastName | char(100) | The contributor’s last name if the contributor is an individual. Required if from contribution from Individual. |
| cbNameSuffix | char(15) | The contributor’s name suffix if the contributor is an individual. Optional. |
| cbAddress1 | char(50) | Contributor address line 1. Required unless cbContributionType = “Unitemized”. |
| cbAddress2 | char(50) | Contributor address line 2. Optional. |
| cbCity | char(30) | Contributor city. Required unless cbContributionType = “Unitemized”. |
| cbState | char(2) | Contributor state abbreviation. Required unless cbContributionType = “Unitemized”. |
| cbZip | char(5) | Contributor zip. Required unless cbContributionType = “Unitemized”. |
| cbOccupation | char(2) | Contributor’s employer. See Code Tabel section for valid values. \* Only include this element if there is a value. |
| cbOccupationComments | char(200) | Optional |
| cbExplanation | char(100) | Optional. |
| cbReceivedBy | char(20) | Name of committee member who received contribution. Required. |

**CONTRIBUTION NOTES:**

**cbContributorID:** This is your external reference ID for the contributor. This is optional but highly recommended to uniquely identify your contributors. It allows for more thorough validation, because the system can use it to identify prior contributions from the same contributor. *If a contributor also happens to be a payee on any expenditures records, you should use the same ID in both instances.*

**cbAddress2** can be null if it doesn’t exist.

## The <*expenditure*> Element.

| **Element or Attribute Name** | **Format** | **Description** | |
| --- | --- | --- | --- |
| expenditureId | char(30) not null | This is your unique external reference ID for this expenditure record. Required. | |
| exDisbursementType | char(2) not null | See Code Table section for valid values. Required. | |
| exDisbursementDescOther | char(200) null | Description if the exDisbursementType is “Other”. | |
| exExpenditureType | char(2) not null | See Code Table section for valid values Required. | |
| exAmount | money not null | Expenditure amount. Must be a valid dollar amount greater than 0.00. Required. | |
| exCycleAmount | money not null | | Aggregate amount paid to the recipient by the reporting committee during the current election cycle. The election cycle time period is viewable in your committee workspace. Required. | |
| exDate | date not null | Expenditure date – date expenditure was made. Required. | |
| exPayeeId | char(30) | Your optional external ID for the payee. It is highly recommended you use this to uniquely identify your payees. | |
| exOrgName | char(100) | This is the recipient name. Required unless exDisbursementType = “Unitemized”. | |
| exAddress1 | char(50) | Payee address line 1. Required unless exDisbursementType = “Unitemized”. | |
| exAddress2 | char(50) | Payee address line 2. Optional. | |
| exCity | char(30) | Payee city. Required unless exDisbursementType = “Unitemized”. | |
| exState | char(2) | Payee state abbreviation. Required unless exDisbursementType = “Unitemized”.. | |
| exZip | char(5) | Payee zip. Required unless exDisbursementType = “Unitemized”. | |
| exOccupation | char(2) | | Payee’s occupation . See Code Table section for valid values. \* Only include this element if there is a value. | |
| exOccupationComments | char(1000) | | Optional | |
| exOfficeSought | char(200) | | Optional | |
| exPurpose | char(150) | | Purpose of expenditure. Required unless exDisbursementType = “Unitemized”. | |
| exQuestionText | varchar(1000) | | Optional. Text of Public Question. | |
| exQuestionType | char(1) | | “S” = Statewide, “L” = Local. Required if exQuestionText is provided. | |
| exQuestionPosition | char(1) | | “S” = Supported, “O” = Opposed. Required if exQuestionText is provided. | |

**EXPENDITURE NOTES:**

**exDisbursementType:** If disbursement type is Unitemized the type of expenditure **(exExpenditureType)** will be ignored.

**exPayeeID:** This is your external reference ID for the payee. This is optional but highly recommended to uniquely identify your payees. *If this payee also happens to be a contributor on any contribution records, you should use the same ID in both instances.*

**exAddress2:** can be null if ti dosen’t exist.

## The <*debt*> Element.

| **Element or Attribute Name** | **Format** | **Description** |
| --- | --- | --- |
| debtId | char(30) not null | This is your external reference ID for the debt. Required. |
| debtType | char(2) | See Code Table section for valid values. Required. |
| debtSourceReferenceId | char(10) | This is your optional external ID for the debt source (lender). It is highly recommended you use this to uniquely identify your loan source. |
| debtSourceName | char(100) | debt source (lender) name. Required. |
| debtAddress1 | char(50) | Debt source (lender) address line 1. Required.. |
| debtAddress2 | char(50) | Debt source (lender) address line 2. Can be left null if no Address Line 2 in address. |
| debtCity | char(30) | Debt source (lender) city. Required. |
| debtState | char(2) | Debt source (lender) state abbreviation. Required. |
| debtZip | char(5) | Debt source (lender) zip. Required. |
| debtAmount | money not null | Amount of debt received. Required. |
| debtDate | date not null | Date of debt. Required. |
| debtNature | char(45) | Nature of debt. Required. |
| debtGuarantor | [*complex type element*] | Debt endorser(s). \* Leave out entire complex type element if no debtGuarantor. |
| debtGrnName | char(150) not null | Endorser’s name. |
| debtGrnAddress1 | char(50) not null | Endorser’s address line 1. |
| debtGrnAddress2 | char(50) | Endorser’s address line 2. Enter if available, otherwise leave blank. |
| debtGrnCity | char(30) not null | Endorser’s city. |
| debtGrnState | char(2) not null | Endorser’s state abbreviation. |
| debtGrnZip | char(5) not null | Endorser’s zip. |
| debtGrnAmount | money not null | Amount guaranteed by the endorser. Required if debtGrnName is not null. |

## The <*debtPayment*> Element.

| **Element or Attribute Name** | **Format** | **Description** |
| --- | --- | --- |
| debtPaymentId | char(30) not null | This is your external reference ID for the debt payment record. Required. |
| debtId | char(30) not null | This is your external reference ID for the original debt record. It must be the same ID used when the original debt was submitted, and is used to associate the debt payment to the original loan. Required. |
| debtPaymentDate | date not null | Date of payment. Required. |
| debtPaymentAmountPrincipal | MoneyIncludeZero not null | Amount of debt payment for principal. Required. Enter 0.00 if none. |
| debtFinalPayment | char(1) not null | Valid values are Y or N. Set this to Y if this is the last payment for this debt and there is no further obligation or unpaid balance on this debt, otherwise set to N. |

## 

# Code Tables

The following import codes should be used where applicable with the XML.

**Contributions**

## cbContributionType (type of contribution)

|  |  |
| --- | --- |
| **Code** | **Import Code** |
| Direct | 01 |
| In-Kind | 02 |
| Interest | 03 |
| Loan | 04 |
| Misc | 05 |
| UnItemized | 06 |

## cbContributorType (type of contributor)

|  |  |
| --- | --- |
| **Code** | **Import Code** |
| Individual | 01 |
| Corporation | 02 |
| Labor Organization | 03 |
| Political Action Committee | 04 |
| Other Organization | 05 |

## 

## cbOccupation (contributor’s occupation)

|  |  |
| --- | --- |
| **Code** | **Import Code** |
| Agriculture | 01 |
| Attorney/Legal Occupations | 02 |
| Automotive Industry | 03 |
| Clergy/Faith-based | 04 |
| Construction/Engineering | 05 |
| Environmental Services | 06 |
| Financial/Investment Occupations | 07 |
| Firefighters/Paramedics | 08 |
| Food Services | 09 |
| Gaming Industry | 10 |
| General Business | 11 |
| Government/Civil Occupations | 12 |
| Healthcare/Medical Occupations | 13 |
| Homemaker | 14 |
| Insurance Industry | 15 |
| Law Enforcement | 16 |
| Lobbyist | 17 |
| Manufacturing | 18 |
| Media/Entertainment | 19 |
| Military | 20 |
| Mining/Oil and Gas Occupations | 21 |
| Not Currently Employed | 22 |
| Office and Administrative Occupations | 23 |
| Other | 24 |
| Real Estate Professional | 25 |
| Retail Sales | 26 |
| Retired | 27 |
| Science/Technology Occupations | 28 |
| Teacher/Education Occupations | 29 |
| Unknown | 30 |
| Student | 31 |

**Expenditures**

## exDisbursementType (expenditure disbursement type)

|  |  |
| --- | --- |
| **Code** | **Import Code** |
| Direct | 01 |
| In-Kind | 02 |
| Payment of Debt | 03 |
| Returned Contribution | 04 |
| Other | 05 |
| Unitemized | 06 |

## exExpenditureType (type of expenditure)

|  |  |
| --- | --- |
| **Code** | **Import Code** |
| Advertising | 01 |
| Operations | 02 |
| Contributions | 03 |
| Fundraising | 04 |

## exOccupation (payee’s occupation)

|  |  |
| --- | --- |
| **Code** | **Import Code** |
| Agriculture | 01 |
| Attorney/Legal Occupations | 02 |
| Automotive Industry | 03 |
| Clergy/Faith-based | 04 |
| Construction/Engineering | 05 |
| Environmental Services | 06 |
| Financial/Investment Occupations | 07 |
| Firefighters/Paramedics | 08 |
| Food Services | 09 |
| Gaming Industry | 10 |
| General Business | 11 |
| Government/Civil Occupations | 12 |
| Healthcare/Medical Occupations | 13 |
| Homemaker | 14 |
| Insurance Industry | 15 |
| Law Enforcement | 16 |
| Lobbyist | 17 |
| Manufacturing | 18 |
| Media/Entertainment | 19 |
| Military | 20 |
| Mining/Oil and Gas Occupations | 21 |
| Not Currently Employed | 22 |
| Office and Administrative Occupations | 23 |
| Other | 24 |
| Real Estate Professional | 25 |
| Retail Sales | 26 |
| Retired | 27 |
| Science/Technology Occupations | 28 |
| Teacher/Education Occupations | 29 |
| Unknown | 30 |
| Student | 31 |

**Debts**

## debtType

|  |  |
| --- | --- |
| **Code** | **Import Code** |
| Debts Owed By Committee | 01 |
| Debts Owed To Committee | 02 |