

## Convio Web Services Release 1.9

Version 1.9 of Convio Web Services is now available. Please see release notes below for further details on what is included in this release.

### Release Notes

This release makes several revisions to the Convio Web Services interface which are summarized below.

The data types of the following fields have changed:

- Constituent.CreatedBy (from decimal to integer ) (bug #46830).
- Constituent.LastChangedBy (from decimal to integer) (bug #48441).

The following enumerated types have changed:

- The AlertStatusType enumeration type adds values for *DELETED* (3), *DATE\_DRIVEN* (4), and *ARCHIVED* (5) (bug #48305).
- The SourceCode enumeration type adds values for *REFERRER* (6) and *PERSONAL\_OUTREACH* (7) (bug #48306).

The online [Convio Web Services Documentation](#) has been updated to reflect the changes in this release.

### Defect Fixes

Bug #44298 - Previously, a **MemberId** field on a **Constituent** record could not be updated through CWS once a value was set. This has been fixed; **MemberId** can be updated so long as the **ConsId** value is specified in the **Update** call.

Bug #45909 - Previously specifying **GroupId**, **CenterId**, or **InterestId** fields in a **Find** operation on a **Constituent** record resulted in an unexpected error. This bug has been fixed.

Bug #46290 - Previously an **Update** operation on a **Constituent** record attempted to locate the record to update using the **PrimaryEmail** field in preference to the **MemberId** field. The **MemberId** field now takes precedence.

Bug #46427 - Previously if more than 50 **Constituent** records were specified in a **Create** or **Update** call, those in excess of the 50-record limit would fail silently. The response now includes an error for each record over the limit:

```
<Result>
  <ResultCode>TOO_MANY_RECORDS</ResultCode>
  <Message>Maximum number of records exceeded</Message>
  <Record xsi:type="ens:Constituent"/>
</Result>
```

Bug #47244 - Previously the **Create** method for **Constituent** records always required a valid, unique email address in the **PrimaryEmail** field. As of this release, whether or not this field is required is determined by the setting of the "Required for Registration" flag on primary\_email in the Convio **Setup/Database Configuration** page.

Bug #47461 - Previously the **Update** operation could be used to change the **AcceptsEmail** field of the **Constituent** record. This field is now read-only.

Bug #48021 - Previously Boolean type fields which contained a null value in the Convio database would return a value of "false" when queried through CWS. This bug has been fixed in this release; Boolean fields now return "true", "false" or nil depending on the value of the field in the database.

Bug #48439 - When an **ActionAlertResponse** record was returned by either a **GetIncrementalInserts** or **Query** operation, the **AlertId** field value returned was incorrect. This bug has been fixed.

Bug #48440 - Previously the dates displayed on the **Synchronization Sessions** and **Synchronization Details** tabs of the Convio Web Services **Reports** console were off by one month. This bug has been fixed.

## Application Behavior Changes

The Convio Online Marketing Summer 2010 release includes changes in the timing and frequency of duplicate record processing. If Convio duplicate record detection is enabled, new constituent registrations added in Convio may not be immediately visible through Convio Web Services. Instead, the system first queues them for duplicate record checking. An automatic batch processes this queue periodically, inserting unique records, merging duplicates with existing constituent records, and flagging questionable duplicates to be checked manually by an administrator. Only after a record has been processed and either inserted as a new record or merged with an existing record will the data appear in a **GetIncrementalInserts** or **GetIncrementalUpdates** response.