

target table's columns equal to the values of those variables using `SET`. You can perform both of these operations in a single statement, as shown here:

```
mysql> LOAD XML INFILE './bin/person-dump.xml'
-> INTO TABLE test.individual (@person_id, @fname, @lname, @created)
-> SET individual_id=@person_id, name1=@fname, name2=@lname, made=@created;
Query OK, 8 rows affected (0.05 sec)
Records: 8 Deleted: 0 Skipped: 0 Warnings: 0

mysql> SELECT * FROM individual;
+-----+-----+-----+-----+
| individual_id | name1 | name2 | made |
+-----+-----+-----+-----+
| 1 | Kapek | Sainnouine | 2007-07-13 16:18:47 |
| 2 | Sajon | Rondela | 2007-07-13 16:18:47 |
| 3 | Likema | Örrtmons | 2007-07-13 16:18:47 |
| 4 | Slar | Manlanth | 2007-07-13 16:18:47 |
| 5 | Stoma | Nilu | 2007-07-13 16:18:47 |
| 6 | Nirtam | Sklöd | 2007-07-13 16:18:47 |
| 7 | Sungam | Dulbåd | 2007-07-13 16:18:47 |
| 8 | Srraf | Encmelt | 2007-07-13 16:18:47 |
+-----+-----+-----+-----+
8 rows in set (0.00 sec)
```

The names of the user variables *must* match those of the corresponding fields from the XML file, with the addition of the required `@` prefix to indicate that they are variables. The user variables need not be listed or assigned in the same order as the corresponding fields.

Using a `ROWS IDENTIFIED BY '<tagname>'` clause, it is possible to import data from the same XML file into database tables with different definitions. For this example, suppose that you have a file named `address.xml` which contains the following XML:

```
<?xml version="1.0"?>

<list>
  <person person_id="1">
    <fname>Robert</fname>
    <lname>Jones</lname>
    <address address_id="1" street="Mill Creek Road" zip="45365" city="Sidney"/>
    <address address_id="2" street="Main Street" zip="28681" city="Taylorsville"/>
  </person>

  <person person_id="2">
    <fname>Mary</fname>
    <lname>Smith</lname>
    <address address_id="3" street="River Road" zip="80239" city="Denver"/>
    <!-- <address address_id="4" street="North Street" zip="37920" city="Knoxville"/> -->
  </person>
</list>
```

You can again use the `test.person` table as defined previously in this section, after clearing all the existing records from the table and then showing its structure as shown here:

```
mysql> TRUNCATE person;
Query OK, 0 rows affected (0.04 sec)

mysql> SHOW CREATE TABLE person\G
***** 1. row *****
Table: person
Create Table: CREATE TABLE `person` (
  `person_id` int(11) NOT NULL,
  `fname` varchar(40) DEFAULT NULL,
  `lname` varchar(40) DEFAULT NULL,
  `created` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP,
```