Running innochecksum on Multiple System Tablespace Files

By default, there is only one `InnoDB` system tablespace file (`ibdata1`) but multiple files for the system tablespace can be defined using the `innodb_data_file_path` option. In the following example, three files for the system tablespace are defined using the `innodb_data_file_path` option: `ibdata1`, `ibdata2`, and `ibdata3`.

```
./bin/mysqld --no-defaults --innodb-data-file-path="ibdata1:10M;ibdata2:10M;ibdata3:10M:autoextend"
```

The three files (`ibdata1`, `ibdata2`, and `ibdata3`) form one logical system tablespace. To run `innochecksum` on multiple files that form one logical system tablespace, `innochecksum` requires the `-` option to read tablespace files in from standard input, which is equivalent to concatenating multiple files to create one single file. For the example provided above, the following `innochecksum` command would be used:

```
cat ibdata* | innochecksum -
```

Refer to the `innochecksum` options information for more information about the "-" option.

> **Note**
>
> Running `innochecksum` on multiple files in the same tablespace is not supported on Windows operating systems, as Windows shells such as `cmd.exe` do not support glob pattern expansion. On Windows systems, `innochecksum` must be run separately for each system tablespace file. For example:
>
> ```
> innochecksum.exe ibdata1
> innochecksum.exe ibdata2
> innochecksum.exe ibdata3
> ```

4.6.3 myisam_ftdump — Display Full-Text Index information

`myisam_ftdump` displays information about `FULLTEXT` indexes in `MyISAM` tables. It reads the `MyISAM` index file directly, so it must be run on the server host where the table is located. Before using `myisam_ftdump`, be sure to issue a `FLUSH TABLES` statement first if the server is running.

`myisam_ftdump` scans and dumps the entire index, which is not particularly fast. On the other hand, the distribution of words changes infrequently, so it need not be run often.

Invoke `myisam_ftdump` like this:

```
myisam_ftdump [options] tbl_name index_num
```

The *tbl_name* argument should be the name of a `MyISAM` table. You can also specify a table by naming its index file (the file with the `.MYI` suffix). If you do not invoke `myisam_ftdump` in the directory where the table files are located, the table or index file name must be preceded by the path name to the table's database directory. Index numbers begin with 0.

Example: Suppose that the `test` database contains a table named `mytexttable` that has the following definition:

```
CREATE TABLE mytexttable
(
  id   INT NOT NULL,
  txt  TEXT NOT NULL,
  PRIMARY KEY (id),
  FULLTEXT (txt)
) ENGINE=MyISAM;
```

The index on `id` is index 0 and the `FULLTEXT` index on `txt` is index 1. If your working directory is the `test` database directory, invoke `myisam_ftdump` as follows: