

```
USE `mydb`;
```

```
DROP TABLE IF EXISTS `table_dictionary_oid`;
```

```
CREATE TABLE `table_dictionary_oid` (  
  `id` mediumint(8) unsigned NOT NULL AUTO_INCREMENT,  
  `name` varchar(100) DEFAULT NULL,  
  PRIMARY KEY (`id`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

```
DROP TABLE IF EXISTS `table_input`;
```

```
CREATE TABLE `table_input` (  
  `ext_id` bigint(10) unsigned DEFAULT NULL COMMENT 'unique integer coming from outside data source',  
  `oid` mediumint(10) unsigned DEFAULT NULL COMMENT 'some integer',  
  `template_id` mediumint(10) unsigned DEFAULT NULL,  
  `value` varchar(300) DEFAULT NULL COMMENT 'raw value',  
  `created` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP,  
  KEY `template_id` (`template_id`),  
  KEY `oid` (`oid`),  
  CONSTRAINT `table_input_ibfk_1` FOREIGN KEY (`template_id`) REFERENCES `table_template` (`id`),  
  CONSTRAINT `table_input_ibfk_3` FOREIGN KEY (`oid`) REFERENCES `table_dictionary_oid` (`id`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

```
DROP TABLE IF EXISTS `table_processed_step1`;
```

```
CREATE TABLE `table_processed_step1` (  
  `ext_id` bigint(20) unsigned NOT NULL,  
  `output` varchar(300) DEFAULT NULL COMMENT 'postprocesed value',  
  `printed` tinyint(1) DEFAULT NULL COMMENT 'just some marker.',  
  PRIMARY KEY (`ext_id`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

```
DROP TABLE IF EXISTS `table_processed_step2`;
```

```
CREATE TABLE `table_processed_step2` (  
  `ext_id` bigint(20) unsigned NOT NULL COMMENT 'step2 table MIGHT be filled in AFTER processing into  
table_processed_step1, so they are sequential',  
  `output` varchar(300) DEFAULT NULL,  
  `printed` tinyint(1) DEFAULT NULL COMMENT 'yet another marker',  
  PRIMARY KEY (`ext_id`),  
  CONSTRAINT `table_processed_step2_ibfk_1` FOREIGN KEY (`ext_id`) REFERENCES `table_processed_step1`  
(`ext_id`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

```
DROP TABLE IF EXISTS `table_template`;
```

```
CREATE TABLE `table_template` (  
  `id` mediumint(8) unsigned NOT NULL AUTO_INCREMENT,  
  `body` varchar(300) DEFAULT NULL,  
  PRIMARY KEY (`id`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```