

## Redmine - Feature #39511

### Auto-detection of field wrapper type when importing CSV file

2023-11-03 06:17 - Go MAEDA

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Go MAEDA	<b>% Done:</b>	0%
<b>Category:</b>	Importers	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	6.0.0		
<b>Resolution:</b>	Fixed		

#### Description

In the CSV import settings, there are four fields that you have to set. Of these, the field separator and file encoding are auto-detected.

In addition to these, I think the field wrapper could also be auto-detected, using a similar logic to that of the field separator's auto-detection.

```
diff --git a/app/models/import.rb b/app/models/import.rb
index fe3f24fab..2674606bb 100644
--- a/app/models/import.rb
+++ b/app/models/import.rb
@@ -65,12 +65,14 @@ class Import < ActiveRecord::Base

  def set_default_settings(options={})
    separator = lu(user, :general_csv_separator)
+   wrapper = ''
    encoding = lu(user, :general_csv_encoding)
    if file_exists?
      begin
        content = File.read(filepath, 256)

        separator = [';', ',', ';'].max_by {|sep| content.count(sep)}
+       wrapper = ['"', '"'].max_by {|quote_char| content.count(quote_char)}

        guessed_encoding = Redmine::CodesetUtil.guess_encoding(content)
        encoding =
@@ -81,7 +83,6 @@ class Import < ActiveRecord::Base
    rescue => e
    end
  end
- wrapper = ''

  date_format = lu(user, "date.formats.default", :default => "foo")
  date_format = DATE_FORMATS.first unless DATE_FORMATS.include?(date_format)
```

#### Associated revisions

##### Revision 22440 - 2023-11-16 12:13 - Go MAEDA

Auto-detection of field wrapper type when importing CSV file (#39511).

Patch by Go MAEDA.

##### Revision 22453 - 2023-11-17 07:54 - Go MAEDA

Add missing fixture file intended for r22440 (#39511).

#### History

##### #1 - 2023-11-04 01:57 - Go MAEDA

- File 39511.patch added

Here is a patch.

**#2 - 2023-11-12 10:39 - Go MAEDA**

- Target version set to 6.0.0

Setting the target version to 6.0.0.

**#3 - 2023-11-16 12:09 - Go MAEDA**

- Status changed from New to Closed

- Assignee set to Go MAEDA

- Resolution set to Fixed

Committed the patch.

**Files**

---

39511.patch	2.38 KB	2023-11-04	Go MAEDA
-------------	---------	------------	----------