

ValidatorNumberWithSeperators

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Question

Does anyone have any recommendations for validating user-entered numbers with separators? (For example, the string "10,000.00".) Validator uses the Double constructor in its `GenericTypeValidator.formatDouble` method.

Answer

I wound up creating my own custom [FieldChecks](#) class with a `validateDouble` method that delegates to a new `formatDouble` method. Here's the code for `formatDouble`:

```
public static Double formatDouble(String s) throws
    NumberFormatException {
    DecimalFormatSymbols syms = new DecimalFormatSymbols();
    StringBuffer buff = new StringBuffer();
    StringCharacterIterator iter = new StringCharacterIterator(s);
    for(char c = iter.first(); c != CharacterIterator.DONE; c = iter.next()) {
        if(c != syms.getGroupingSeparator()) {
            buff.append(c);
        }
    }

    return GenericTypeValidator.formatDouble(buff.toString());
}
```

Let me know if anyone has a better solution.

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