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django-composite-field provides a CompositeField that encapsulates multiple fields and allows you to treat them as one.
CompositeField

class CompositeField (fields[*, **options])

A CompositeField acts as a proxy for one or more other fields. It behaves like a single field, and can be used as a primary key. Composite keys in Django, hooray!

CompositeField.fields
A tuple or list of fields to be included in the composite field. Fields will be used in the order they’re specified.

1.1 Unpacking

CompositeField can be unpacked. Say you have a model with these fields:

class Thing (models.Model):
    first = models.CharField(max_length=32)
    second = models.IntegerField()
    both = CompositeField(('first', 'second'))

You can then unpack the CompositeField like so:

>>> thing = Thing(first='newt', second=42)
>>> first, second = thing.both

# The values of the individual fields have been unpacked.
>>> first
'newt'
>>> second
42

1.2 String Representation

When converted to a string, a CompositeField becomes a comma-separated, ordered list of its values:

>>> str(thing.both)
'newt,42'

1.3 Using as a Primary Key

CompositeField can be used as a primary key:
>>> thing.both.primary_key = True
>>> thing.pk
'newt,42'
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