

TextBlob installation - Code error resolved by ChatGPT

1. **AttributeError for _blob:** The error message `AttributeError: [E046] Can't retrieve unregistered extension attribute 'blob'. Did you forget to call the set_extension method?` suggests that you're trying to access a custom extension attribute (`blob`) without properly defining and registering it with spaCy's `Doc` objects.
2. **Missing .blob extension:** The `doc._blob` attribute seems to be missing from your code, and it's unclear whether you've set up this extension correctly.

To resolve these issues, you need to ensure that you've properly set up the TextBlob extension in spaCy, which involves defining and registering the custom extension attribute `'blob'`. Here's how you can fix your code:

In this revised code:

- I defined a function `get_blob_polarity` to calculate the sentiment polarity using TextBlob for a spaCy `Doc` object.
- I registered the custom extension attribute `'blob'` with spaCy's `Doc` objects using `Doc.set_extension()`.

Code:

```
# Define a function to get TextBlob polarity for a Doc object
def get_blob_polarity(doc):
    return TextBlob(doc.text).sentiment.polarity

# Register the custom extension attribute 'blob' with spaCy Doc objects
Doc.set_extension("blob", getter=get_blob_polarity, force=True)
```