```
# Define a metaclass named MyMeta
class MyMeta(type):
    def __new__(cls, name, bases, dct):
        # Modify the class before it is created
        dct['modified_attribute'] = 'This attribute was added by the metaclass'
        new_class = super().__new__(cls, name, bases, dct)
        return new_class

# Use the metaclass to create a new class named MyClass
class MyClass(metaclass=MyMeta):
    original_attribute = 'This attribute was defined in the class'

# Example Usage:

# Create an instance of MyClass
my_instance = MyClass()

# Access attributes
print(my_instance.original_attribute)     # Output: This attribute was defined in the class
print(my_instance.modified_attribute)     # Output: This attribute was added by the metaclass
```

```
Log: User created
Saving to database: {'user_id': 1, 'name': 'John'}
```

Start coding or generate with AI.