

# builtins.TypeError

`TypeError: key datetime.datetime(2017, 2, 9, 0, 0) is not a string`

Traceback (most recent call last)

```
File "/Users/gta/anaconda3/lib/python3.6/site-packages/flask/app.py", line 1997, in __call__  
    return self.wsgi_app(environ, start_response)
```

```
File "/Users/gta/anaconda3/lib/python3.6/site-packages/flask/app.py", line 1985, in wsgi_app  
    response = self.handle_exception(e)
```

```
File "/Users/gta/anaconda3/lib/python3.6/site-packages/flask/app.py", line 1540, in  
handle_exception  
    reraise(exc_type, exc_value, tb)
```

```
File "/Users/gta/anaconda3/lib/python3.6/site-packages/flask/_compat.py", line 33, in reraise  
    raise value
```

```
File "/Users/gta/anaconda3/lib/python3.6/site-packages/flask/app.py", line 1982, in wsgi_app  
    response = self.full_dispatch_request()
```

```
File "/Users/gta/anaconda3/lib/python3.6/site-packages/flask/app.py", line 1614, in  
full_dispatch_request  
    rv = self.handle_user_exception(e)
```

```
File "/Users/gta/anaconda3/lib/python3.6/site-packages/flask/app.py", line 1517, in  
handle_user_exception  
    reraise(exc_type, exc_value, tb)
```

```
File "/Users/gta/anaconda3/lib/python3.6/site-packages/flask/_compat.py", line 33, in reraise  
    raise value
```

```
File "/Users/gta/anaconda3/lib/python3.6/site-packages/flask/app.py", line 1612, in  
full_dispatch_request  
    rv = self.dispatch_request()
```

```
File "/Users/gta/anaconda3/lib/python3.6/site-packages/flask/app.py", line 1598, in  
dispatch_request  
    return self.view_functions[rule.endpoint](**req.view_args)
```

```
File "/Users/gta/Desktop/uscdatabootcamp/hw-9/app_precipitation.py", line 27, in precipitation  
    return jsonify(rain_dict)
```

```
File "/Users/gta/anaconda3/lib/python3.6/site-packages/flask/json.py", line 263, in jsonify  
    (dumps(data, indent=indent, separators=separators), '\n'),
```

```
File "/Users/gta/anaconda3/lib/python3.6/site-packages/flask/json.py", line 123, in dumps
```

```
rv = _json.dumps(obj, **kwargs)
```

File `"/Users/gta/anaconda3/lib/python3.6/json/__init__.py"`, line `238`, in `dumps`

```
**kw).encode(obj)
```

File `"/Users/gta/anaconda3/lib/python3.6/json/encoder.py"`, line `201`, in `encode`

```
chunks = list(chunks)
```

File `"/Users/gta/anaconda3/lib/python3.6/json/encoder.py"`, line `430`, in `_iterencode`

```
yield from _iterencode_dict(o, _current_indent_level)
```

File `"/Users/gta/anaconda3/lib/python3.6/json/encoder.py"`, line `376`, in `_iterencode_dict`

```
raise TypeError("key " + repr(key) + " is not a string")
```

**TypeError: key datetime.datetime(2017, 2, 9, 0, 0) is not a string**

The debugger caught an exception in your WSGI application. You can now look at the traceback which led to the error.

To switch between the interactive traceback and the plaintext one, you can click on the "Traceback" headline. From the text traceback you can also create a paste of it. For code execution mouse-over the frame you want to debug and click on the console icon on the right side.

You can execute arbitrary Python code in the stack frames and there are some extra helpers available for introspection:

- `dump()` shows all variables in the frame
- `dump(obj)` dumps all that's known about the object

Brought to you by **DON'T PANIC**, your friendly Werkzeug powered traceback interpreter.