

pydantic_ai.exceptions

ModelRetry

Bases: [Exception](#)

Exception raised when a tool function should be retried.

The agent will return the message to the model and ask it to try calling the function/tool again.

Source code in `pydantic_ai_slim/pydantic_ai/exceptions.py`

```

 8 class ModelRetry(Exception):
 9     """Exception raised when a tool function should be retried.
10
11     The agent will return the message to the model and ask it to try calling the function/tool again.
12     """
13
14     message: str
15     """The message to return to the model."""
16
17     def __init__(self, message: str):
18         self.message = message
19         super().__init__(message)

```

message instance-attribute

```
message: str = message
```

The message to return to the model.

UserError

Bases: [RuntimeError](#)

Error caused by a usage mistake by the application developer — You!

Source code in `pydantic_ai_slim/pydantic_ai/exceptions.py`

```

22 class UserError(RuntimeError):
23     """Error caused by a usage mistake by the application developer - You!"""
24
25     message: str
26     """Description of the mistake."""
27
28     def __init__(self, message: str):
29         self.message = message
30         super().__init__(message)

```

message instance-attribute

```
message: str = message
```

Description of the mistake.

UnexpectedModelBehavior

Bases: [RuntimeError](#)

Error caused by unexpected Model behavior, e.g. an unexpected response code.

Source code in `pydantic_ai_slim/pydantic_ai/exceptions.py`

```

33 class UnexpectedModelBehavior(RuntimeError):
34     """Error caused by unexpected Model behavior, e.g. an unexpected response code."""
35
36     message: str
37     """Description of the unexpected behavior."""
38     body: str | None
39     """The body of the response, if available."""
40
41     def __init__(self, message: str, body: str | None = None):
42         self.message = message
43         if body is None:
44             self.body: str | None = None
45         else:
46             try:
47                 self.body = json.dumps(json.loads(body), indent=2)
48             except ValueError:
49                 self.body = body
50         super().__init__(message)
51
52     def __str__(self) -> str:
53         if self.body:
54             return f'{self.message}, body:\n{self.body}'
55         else:
56             return self.message

```

message instance-attribute

```
message: str = message
```

Description of the unexpected behavior.

body instance-attribute

```
body: str | None = dumps(json.loads(body), indent=2)
```

