

Interactive / short / 2

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|---|----------------------|---|----------|---|--|---|----------------------|---|--|--|--|---|------------|---|--|--|--|
| IS 1 | query | Interactive / short / 2 | | | | | | | | | | | | | | | |
| IS 2 | title | Recent messages of a person | | | | | | | | | | | | | | | |
| IS 3 | pattern | <pre> classDiagram class Person { id: String } class Message { id: String content: String / imageFile creationDate: Date } class Post { id: String } class originalPoster { id: String firstName: String lastName: String } Person "1" --> "1" Message : hasCreator Message "1" --> "1" originalPoster : hasCreator Message "*" --> "0.. Post" : replyOf originalPoster "1" --> "1" Post : hasCreator </pre> | | | | | | | | | | | | | | | |
| IS 4 | | | | | | | | | | | | | | | | | |
| IS 5 | | | | | | | | | | | | | | | | | |
| IS 6 | | | | | | | | | | | | | | | | | |
| IS 7 | | | | | | | | | | | | | | | | | |
| description | | | | | | | | | | | | | | | | | |
| Given a start Person with ID \$personId, retrieve the last 10 Messages created by that user. For each Message, return that Message, the original Post in its conversation (post), and the author of that Post (originalPoster). If any of the Messages is a Post, then the original Post (post) will be the same Message, i.e. that Message will appear twice in that result. | | | | | | | | | | | | | | | | | |
| params | | | | | | | | | | | | | | | | | |
| result | 1 | \$personId | ID | | | | | | | | | | | | | | |
| | 1 | message.id | ID | R | | | | | | | | | | | | | |
| | 2 | message.content or message.imageFile (for photos) | Text | R | | | | | | | | | | | | | |
| | 3 | message.creationDate | DateTime | R | | | | | | | | | | | | | |
| | 4 | post.id | ID | R | | | | | | | | | | | | | |
| | 5 | originalPoster.id | ID | R | | | | | | | | | | | | | |
| | 6 | originalPoster.firstName | String | R | | | | | | | | | | | | | |
| sort | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>1</td> <td>message.creationDate</td> <td>↓</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>message.id</td> <td>↓</td> <td></td> <td></td> <td></td> </tr> </table> | | | | | | 1 | message.creationDate | ↓ | | | | 2 | message.id | ↓ | | | |
| 1 | message.creationDate | ↓ | | | | | | | | | | | | | | | |
| 2 | message.id | ↓ | | | | | | | | | | | | | | | |
| limit | | | | | | | | | | | | | | | | | |