The function `KRB5State.parse` function requires a couple of improvements in code readability:

- Giving meaningful names to the kerberos message types, probably the `MessageType` struct defined in `krb5_constants.rs` could be used for this.

- Rename the `KRB5State.req_id` to `KRB5State.req_type`, since it is used to track the request type (AS-REQ, TGS-REQ, etc), not an unique id per request, and its name is misleading.