

## User JWT lifeCycle

### Auth Controller | login (RoutingContext)

- Recieves username & password from body
- Send EB message to users.authenticate
- if valid, sends EB message to auth.token.issue

### AuthVerticle | handle token Issue (Message)

- extracts username from body
- Calls tokenService
- Replies to EB with token

### Rs256TokenService | generateUserToken(username)

- Configs algo to rs256 & sets expiry
- Claims are subject(username) & role(user)
- Signs using Vert.x Auth initialized with private key

### AuthController

- Send HTTP 200 with JSON payload of token: