

## Untrusted

`AUTH` Authenticates Client

```
pub fn auth(&mut self) -> Result<(), std::io::Error>
```

- Value:
    - `AUTHKEY`
  - Returns:
    - `UNTRUSTED_MODE`
    - `ALREADY_AUTHENTICATED`
    - `AUTH_OK`
    - `INV_AUTH_KEY`
- 

## Trusted

`SET_MACHINE_TYPE`

```
pub fn set_type(&mut self) -> Result<(), std::io::Error>
```

- Value:
    - `CONTROLLER`
    - `BUILD`
  - Returns:
    - `CMD_OK`
    - `INV_MACHINE_TYPE`
    - `AUTH_REQUIRED`
- 

`SET_MACHINE_NAME`

```
pub fn set_name(&mut self) -> Result<(), std::io::Error>
```

- Value:

- NAME

- Returns:

- CMD\_OK
- 

#### CHECKOUT\_PACKAGE

```
pub fn checkout(&mut self, pkgname: &str) -> Result<(), std::io::Error>
```

- Value:

- PKG\_NAME

- Returns:

- INV\_PKG\_NAME
  - {JSON:PKGBUILD}
- 

#### SUBMIT\_PACKAGE

```
pub fn submit(&mut self, path: &str) -> Result<(), std::io::Error>
```

- Value:

- {JSON:PKGBUILD}

- Returns:

- INV\_PKG\_BUILD
  - CMD\_OK
-

## RELEASE\_BUILD

```
pub fn build(&mut self, rb: bool, pkg: &str) -> Result<(), std::io::Error>
```

- Value:

- PKG\_NAME

- Returns:

- RELEASE\_ENV\_UNAVAILABLE
  - INV\_PKG\_NAME
  - BUILD\_REQ\_SUBMIT\_IMMEDIATELY
  - BUILD\_REQ\_QUEUED
  - PKG\_BUILD\_DAMAGED
- 

## CROSS\_BUILD

```
pub fn build(&mut self, rb: bool, pkg: &str) -> Result<(), std::io::Error>
```

- Value:

- PKG\_NAME

- Returns:

- CROSS\_ENV\_UNAVAILABLE
  - INV\_PKG\_NAME
  - BUILD\_REQ\_SUBMIT\_IMMEDIATELY
  - BUILD\_REQ\_QUEUED
  - PKG\_BUILD\_DAMAGED
- 

## VIEW\_LOG

- Value:
    - `JOB_ID`
  - Returns:
    - `INV_JOB_ID`
    - `NO_LOG`
    - `{JSON:LOG}`
- 

#### `VIEW_SYS_EVENTS`

- Value:
  - Returns:
    - `{JSON:EVENTS}`
- 

#### `GET_DEPENDERS`

- Value:
    - `PKG_NAME`
  - Returns:
    - `INV_PKG_NAME`
    - `{JSON:DEPENDERS}`
- 

#### `REBUILD_DEPENDERS`

- Value:
  - `PKG_NAME`
- Returns:
  - `INV_PKG_NAME`

- `RELEASE_ENV_UNAVAILABLE`
  - `CROSS_ENV_UNAVAILABLE`
  - `CMD_OK`
- 

#### `COMPLETED_JOBS_STATUS`

- Value:
  - Returns:
    - `{JSON:COMPLETED_JOBS}`
- 

#### `RUNNING_JOBS_STATUS`

- Value:
  - Returns:
    - `{JSON:RUNNING_JOBS}`
- 

#### `QUEUED_JOBS_STATUS`

- Value:
  - Returns:
    - `{JSON:QUEUED_JOBS}`
- 

#### `CONNECTED_CONTROLLERS`

- Value:
  - Returns:
    - `{JSON:CONNECTED_CONTROLLERS}`
- 

#### `CONNECTED_BUILDBOTS`

- Value:
  - Returns:
    - `{JSON:CONNECTED_BUILDBOTS}`
- 

#### MANAGED\_PACKAGES

- Value:
  - Returns:
    - `{JSON:MANAGED_PACKAGES}`
- 

#### MANAGED\_PKGBUILDS

- Value:
  - Returns:
    - `{JSON:MANAGED_PKGBUILDS}`
- 

#### CLEAR\_COMPLETED\_JOBS

```
pub fn clear_completed(&mut self) -> Result<(), std::io::Error>
```

- Value:
  - Returns:
    - `JOBS_CLEARED`
- 

#### CANCEL\_QUEUED\_JOB

```
pub fn cancel_job(&mut self, job_id: &str) -> Result<(), std::io::Error>
```

- Value:

- JOB\_ID

- Returns:

- INV\_JOB\_ID
- JOB\_CANCELED

---

#### CANCEL\_ALL\_QUEUED\_JOBS

```
pub fn cancel_all_jobs(&mut self) -> Result<(), std::io::Error>
```

- Value:

- Returns:

- JOBS\_CANCELED

---

#### SUBMIT\_SOLUTION\_RB

- Value:

- {JSON:SOLUTION}

- Returns:

- RELEASE\_ENV\_UNAVAILABLE
- INV\_SOL
- PKG\_BUILD\_MISSING {NAME}
- BATCH\_QUEUED

---

#### SUBMIT\_SOLUTION\_CB

- Value:

- {JSON:SOLUTION}

- Returns:

- CROSS\_ENV\_UNAVAILABLE
  - INV\_SOL
  - PKG\_BUILD\_MISSING {NAME}
  - BATCH\_QUEUED
- 

#### GET\_CLIENT\_INFO

- Value:
    - CLIENT\_NAME
  - Returns:
    - INV\_CLIENT\_NAME
    - {JSON:CLIENT\_INFO}
- 

#### GET\_LOCKED\_PACKAGES

- Value:
  - Returns:
    - {JSON:PACKAGES}
- 

#### DELETE\_PKGBUILD

- Value:
  - PKG\_NAME
- Returns:
  - INV\_CMD
  - INV\_PKG\_NAME
  - REQUIRED\_PKG



- `CMD_OK`
- 

#### `GET_MANAGED_EXTRA_SOURCES`

- Value:
  - Returns:
    - `{JSON:MANAGED_EXTRA_SOURCES}`
- 

#### `REMOVE_EXTRA_SOURCE`

- Value:
    - `ES_NAME`
  - Returns:
    - `INV_ES_NAME`
    - `CMD_OK`
- 

#### `TRANSFER_EXTRA_SOURCE`

- Value:
    - `{JSON:EXTRA_SOURCE}`
  - Returns:
    - `BYTE_COUNT_ERR`
    - `CMD_OK`
- 

#### `COMPLETE_TRANSFER`

- Value:
- Returns:
  - `ERR_COULD_NOT_INSERT`

- `CMD_OK`
- 

## Buildbot Only

### `SET_MACHINE_INFORMATION`

- Value:
  - Returns:
- 

### `SIG_READY`

- Value:
  - Returns:
- 

### `PONG`

- Value:
  - Returns:
- 

### `GET_DEPLOYMENT_CONFIG`

- Value:
  - Returns:
- 

### `REPORT_STATUS_UPDATE`

- Value:
  - Returns:
- 

### `REPORT_STATUS_UPDATE`

- Value:

- Returns:
- 

#### SUBMIT\_LOG

- Value:
  - Returns:
- 

#### FILE\_TRANSFER\_MODE

- Value:
  - Returns:
- 

#### REPORT\_SYS\_EVENTS

- Value:
  - Returns:
- 

#### EXTRA\_SOURCE\_INFO

- Value:
  - Returns:
- 

#### FETCH\_EXTRA\_SOURCE

- Value:
  - Returns:
- 

## Other

#### !INVALID

- Value:

- Returns:
-