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EnSync CLI Tool 2

EnSync CLI Tool

A command-line interface for interacting with the EnSync config management service.

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Installation

1. From Source

```
# Clone the repository
git clone https://github.com/rossi1/ensync-cli
cd ensync-cli

# Build the binary
make build

# The binary will be available in bin/ensync
```

2. Using Go Install

If you have Go installed, you can install EnSync CLI directly using the `go install` command:

```
# Install the EnSync CLI tool
go install github.com/rossi1/ensync-cli@latest
```

To install a specific version:

```
go install github.com/ensync-cli/cmd/ensync@v1.0.0
```

Notes:

1. Requires Go 1.17 or later.
2. Ensure `$GOPATH/bin` (or `$GOBIN`) is in your system's `PATH`.

Configuration

Configuration File

Create a config file at `~/.ensync/config.yaml`:

```
base_url: "http://localhost:8080/api/v1/ensync"
api_key: "your-api-key"
debug: false
```

Environment Variables

```
export ENSYNC_API_KEY="your-api-key"
export ENSYNC_BASE_URL="http://localhost:8080/api/v1/ensync"
```

Usage

Event Management

List Events

```
ensync event list --page 0 --limit 10 --order DESC --order-by  
createdAt  
ensync event list --order ASC --order-by name
```

Create Event

```
ensync event create --name "test-event" --payload  
'{"key":"value","another":"data"}'
```

Update Event

```
ensync event update --id 123 --name "updated-name"  
ensync event update --id 123 --payload '{"key":"new-value"}'
```

Access Key Management

List Access Keys

```
ensync access-key list
```

Create Access Key

```
ensync access-key create --permissions '{"send": ["event1"],  
"receive": ["event2"]}'
```

Manage Permissions

```
ensync access-key permissions get --key "MyAccessKey"  
ensync access-key permissions set --key "MyAccessKey" --  
permissions '{"send": ["event1"], "receive": ["event2"]}'
```

General Options

Debug Mode

```
ensync --debug event list
```

Version Information

```
ensync version
ensync version --json
```

Common Flags

- `--page`: Page number for pagination (default: 0)
- `--limit`: Number of items per page (default: 10)
- `--order`: Sort order (ASC/DESC)
- `--order-by`: Field to sort by (name/createdAt)
- `--debug`: Enable debug mode
- `--config`: Specify custom config file location

Error Handling

- Exit code 0: Success
- Exit code 1: General error
- Exit code 2: Configuration error
- Exit code 3: API error

Development

Build

```
make build
```

Run Tests

```
make test
make test-integration
```

Lint

```
make lint
```

Release

```
make release
```