MeshCore QR Code Formats

QR Codes

This document provides an overview of QR Code formats that can be used for sharing MeshCore channels and contacts. The formats described below are supported by the MeshCore mobile app.

Add Channel

Example URL:

```
meshcore://channel/add?name=Public&secret=8b3387e9c5cdea6ac9e5edbaa115cd72
```

NOTE: The secret in this example (`8b3387e9c5cdea6ac9e5edbaa115cd72`) is the well-known **public** channel key — it is publicly documented, so anyone can read traffic on this channel. Do not treat it as private. For a private channel, generate your own random 16-byte (32 hex character) secret.

Parameters:

- `name`: Channel name (URL-encoded if needed)
- `secret`: 16-byte secret represented as 32 hex characters

Add Contact

Example URL:

```
meshcore://contact/add?name=Example+Contact&public_key=9cd8fcf22a47333b591d96a2b848b73f457b1bb1a3ea2453a885f9e5787765b1&type=1
```

Parameters:

- `name`: Contact name (URL-encoded if needed)
- `public_key`: 32-byte public key represented as 64 hex characters
- `type`: numeric contact type
- `1`: Companion
- `2`: Repeater
- `3`: Room Server

- `4`: Sensor

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