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Fingerprint API

API that provides functions to scan, extract, and compare fingerprint template data.

- BS2_ScanFingerprint: Scans a fingerprint from a device and extracts template data.
- BS2_ScanFingerprintEx: Scans a fingerprint from a device and extracts template data and scores.
- BS2_VerifyFingerprint: Compares the template data to check if it is the same finger.
- BS2_GetLastFingerprintImage: Extracts the image of the last scanned fingerprint using the BS2_ScanFingerprint API.

Structure

BS2Fingerprint

```
typedef struct {
    uint8_t index;
    uint8_t flag;
    uint8_t reserved[2];
    uint8_t data[BS2_TEMPLATE_PER_FINGER][BS2_FINGER_TEMPLATE_SIZE];
} BS2Fingerprint;
```

1. *index*
The index of finger. This is a flag that user can manage manually, not changing automatically. If you want to manage fingerprint index, please assign a number when you enroll fingerprint.

2. *flag*
Flag that indicates the purpose of the fingerprint.

Value	Description
0	Normal fingerprint
1	Duress fingerprint

3. *reserved*
Reserved space.

4. *data*
The data of fingerprint template.

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