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## BS2\_ScanFingerprintEx

[+ 2.5.0] Scans a fingerprint from a device and extracts template data and scores.

### Declaration

```
#include "BS_API.h"

int BS2_ScanFingerprintEx(void* context, uint32_t deviceId, BS2Fingerprint*
finger, uint32_t templateIndex, uint32_t quality, uint8_t templateFormat,
uint32_t* outquality, OnReadyToScan ptrReadyToScan);
```

[See BS2Fingerprint Structure](#)

### Parameter

- [In] *context* : Context
- [In] *deviceId* : Device ID
- [Out] *finger* : Pointer to store the template data
- [In] *templateIndex* : Template data index
- [In] *quality* : Required quality of fingerprint template
- [In] *templateFormat* : Format of the template
- [Out] *outquality* : Template quality score
- [Out] *ptrReadyToScan* : Callback function that is called when it's ready to scan a fingerprint

### Return Value

If successfully done, BS\_SDK\_SUCCESS will be returned.

If there is an error, the corresponding error code will be returned.

### See Also

[BS2\\_VerifyFingerprint](#)

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