

## [MS-SHLLINK]: ExtraData

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ExtraData refers to a set of structures that convey additional information about a [link target](#). These optional structures can be present in an [extra data section](#) that is appended to the basic Shell Link Binary File Format.

The ExtraData structures conform to the following [ABNF](#) rules [\[RFC5234\]](#):

```
EXTRA_DATA      = *EXTRA_DATA_BLOCK TERMINAL_BLOCK

EXTRA_DATA_BLOCK = CONSOLE_PROPS / CONSOLE_FE_PROPS / DARWIN_PROPS /
                   ENVIRONMENT_PROPS / ICON_ENVIRONMENT_PROPS /
                   KNOWN_FOLDER_PROPS / PROPERTY_STORE_PROPS /
                   SHIM_PROPS / SPECIAL_FOLDER_PROPS /
                   TRACKER_PROPS / VISTA_AND_ABOVE_IDLIST_PROPS
```

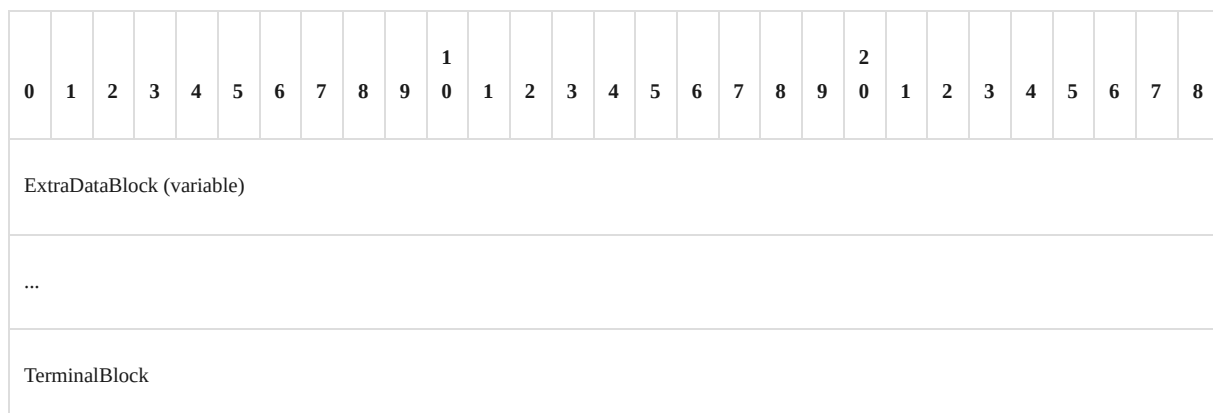
**EXTRA\_DATA:** A structure consisting of zero or more property data blocks followed by a terminal block.

**EXTRA\_DATA\_BLOCK:** A structure consisting of any one of the following property data blocks.

- **CONSOLE\_PROPS:** A [ConsoleDataBlock](#) structure (section 2.5.1).
- **CONSOLE\_FE\_PROPS:** A [ConsoleFEDataBlock](#) structure (section 2.5.2).
- **DARWIN\_PROPS:** A [DarwinDataBlock](#) structure (section 2.5.3).
- **ENVIRONMENT\_PROPS:** An [EnvironmentVariableDataBlock](#) structure (section 2.5.4).
- **ICON\_ENVIRONMENT\_PROPS:** An [IconEnvironmentDataBlock](#) structure (section 2.5.5).
- **KNOWN\_FOLDER\_PROPS:** A [KnownFolderDataBlock](#) structure (section 2.5.6).
- **PROPERTY\_STORE\_PROPS:** A [PropertyStoreDataBlock](#) structure (section 2.5.7).
- **SHIM\_PROPS:** A [ShimDataBlock](#) structure (section 2.5.8).
- **SPECIAL\_FOLDER\_PROPS:** A [SpecialFolderDataBlock](#) structure (section 2.5.9).
- **TRACKER\_PROPS:** A [TrackerDataBlock](#) structure (section 2.5.10).
- **VISTA\_AND\_ABOVE\_IDLIST\_PROPS:** A [VistaAndAboveIDListDataBlock](#) structure (section 2.5.11).

**TERMINAL\_BLOCK** A structure that indicates the end of the extra data section.

The general structure of an extra data section is shown in the following diagram.



**ExtraDataBlock (variable):** An optional array of bytes that contains zero or more property data blocks listed in the **EXTRA\_DATA\_BLOCK** syntax rule.

**TerminalBlock (4 bytes):** A 32-bit, unsigned integer that indicates the end of the extra data section. This value **MUST** be less than 0x00000004.

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