



ExtensionLib

Library for retrieving extensions information for the IOrderMixin Interface.

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Types

DynamicField

```
enum DynamicField {  
    MakerAssetSuffix,  
    TakerAssetSuffix,  
    MakingAmountData,  
    TakingAmountData,  
    Predicate,  
    MakerPermit,  
    PreInteractionData,  
    PostInteractionData,  
    CustomData  
}
```

Functions

makerAssetSuffix

```
function makerAssetSuffix(bytes extension) internal pure returns (bytes)
```

Returns the MakerAssetSuffix from the provided extension calldata.

Parameters

Name	Type	Description
extension	bytes	The calldata from which the MakerAssetSuffix is to be retrieved.

Return Values

Name	Type	Description
[0]	bytes	calldata Bytes representing the MakerAssetSuffix.

takerAssetSuffix

```
function takerAssetSuffix(bytes extension) internal pure returns (bytes)
```

Returns the TakerAssetSuffix from the provided extension calldata.

Parameters

Name	Type	Description
extension	bytes	The calldata from which the TakerAssetSuffix is to be retrieved.

Return Values

Name	Type	Description
[0]	bytes	calldata Bytes representing the TakerAssetSuffix.

makingAmountData

```
function makingAmountData(bytes extension) internal pure returns (bytes)
```

Returns the MakingAmountData from the provided extension calldata.

Parameters

Name	Type	Description
extension	bytes	The calldata from which the MakingAmountData is to be retrieved.

Return Values

Name	Type	Description
[0]	bytes	calldata Bytes representing the MakingAmountData.

takingAmountData

```
function takingAmountData(bytes extension) internal pure returns (bytes)
```

Returns the TakingAmountData from the provided extension calldata.

Parameters

Name	Type	Description
extension	bytes	The calldata from which the TakingAmountData is to be retrieved.

Return Values

Name	Type	Description
[0]	bytes	calldata Bytes representing the TakingAmountData.

predicate

```
function predicate(bytes extension) internal pure returns (bytes)
```

Returns the order's predicate from the provided extension calldata.

Parameters

Name	Type	Description
extension	bytes	The calldata from which the predicate is to be retrieved.

Return Values

Name	Type	Description
[0]	bytes	calldata Bytes representing the predicate.

makerPermit

```
function makerPermit(bytes extension) internal pure returns (bytes)
```

Returns the maker's permit from the provided extension calldata.

Parameters

Name	Type	Description
extension	bytes	The calldata from which the maker's permit is to be retrieved.

Return Values

Name	Type	Description
[0]	bytes	calldata Bytes representing the maker's permit.

preInteractionTargetAndData

`function preInteractionTargetAndData(bytes extension) internal pure returns (bytes)`

Returns the pre-interaction from the provided extension calldata.

Parameters

Name	Type	Description
extension	bytes	The calldata from which the pre-interaction is to be retrieved.

Return Values

Name	Type	Description
[0]	bytes	calldata Bytes representing the pre-interaction.

postInteractionTargetAndData

`function postInteractionTargetAndData(bytes extension) internal pure returns (bytes)`

Returns the post-interaction from the provided extension calldata.

Parameters

Name	Type	Description
extension	bytes	The calldata from which the post-interaction is to be retrieved.

Return Values

Name	Type	Description
[0]	bytes	calldata Bytes representing the post-interaction.

customData

`function customData(bytes extension) internal pure returns (bytes)`

Returns extra suffix data from the provided extension calldata.

Parameters

Name	Type	Description
extension	bytes	The calldata from which the extra suffix data is to be retrieved.

Return Values

Name	Type	Description
[0]	bytes	calldata Bytes representing the extra suffix data.

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