

AWS SDK for Java API Reference - 2.20.89

Package `software.amazon.awssdk.services.kendra.model`

Class GitHubConfiguration

`java.lang.Object``software.amazon.awssdk.services.kendra.model.GitHubConfiguration`

All Implemented Interfaces:

`Serializable` , `SdkPojo`, `ToCopyableBuilder<GitHubConfiguration.Builder, GitHubConfiguration>``@Generated("software.amazon.awssdk:codegen")``public final class GitHubConfiguration``extends Object``implements SdkPojo, Serializable, ToCopyableBuilder<GitHubConfiguration.Builder, GitHubConfiguration>`

Provides the configuration information to connect to GitHub as your data source.

See Also:

Serialized Form

Nested Class Summary

Nested Classes

Modifier and Type	Class	Description
static interface	<code>GitHubConfiguration.Builder</code>	

Method Summary

All Methods Static Methods Instance Methods Concrete Methods

Modifier and Type	Method	Description
static <code>GitHubConfiguration.Builder</code>	<code>builder()</code>	
final boolean	<code>equals(Object obj)</code>	
final boolean	<code>equalsBySdkFields(Object obj)</code>	Indicates whether some other object is "equal to" this one by SDK fields.
final <code>List<String></code>	<code>exclusionFileNamePatterns()</code>	A list of regular expression patterns to exclude certain file

		names in your GitHub repository or repositories.
<code>final List <String ></code>	<code>exclusionFileTypePatterns()</code>	A list of regular expression patterns to exclude certain file types in your GitHub repository or repositories.
<code>final List <String ></code>	<code>exclusionFolderNamePatterns()</code>	A list of regular expression patterns to exclude certain folder names in your GitHub repository or repositories.
<code>final <T> Optional <T></code>	<code>getValueForField(String fieldName, Class <T> clazz)</code>	
<code>final List <DataSourceToIndexFieldMapping></code>	<code>gitHubCommitConfigurationFieldMappings()</code>	A list of DataSourceToIndexFieldMapping objects that map attributes or field names of GitHub commits to Amazon Kendra index field names.
<code>final GitHubDocumentCrawlProperties</code>	<code>gitHubDocumentCrawlProperties()</code>	Configuration information to include certain types of GitHub content.
<code>final List <DataSourceToIndexFieldMapping></code>	<code>gitHubIssueAttachmentConfigurationFieldMappings()</code>	A list of DataSourceToIndexFieldMapping objects that map attributes or field names of GitHub issue attachments to Amazon Kendra index field names.
<code>final List <DataSourceToIndexFieldMapping></code>	<code>gitHubIssueCommentConfigurationFieldMappings()</code>	A list of DataSourceToIndexFieldMapping objects that map attributes or field names of GitHub issue comments to Amazon Kendra index field names.
<code>final List <DataSourceToIndexFieldMapping></code>	<code>gitHubIssueDocumentConfigurationFieldMappings()</code>	A list of DataSourceToIndexFieldMapping objects that map attributes or field names of GitHub issues to Amazon Kendra index field names.
<code>final List <DataSourceToIndexFieldMapping></code>	<code>gitHubPullRequestCommentConfigurationFieldMappings()</code>	A list of DataSourceToIndexFieldMapping objects that map attributes or field names of GitHub pull request comments to

Amazon Kendra index field names.

final List <DataSourceToIndexFieldMapping> **gitHubPullRequestDocumentAttachmentConfigurationFieldMappings()**

A list of DataSourceToIndexFieldMapping objects that map attributes or field names of GitHub pull request attachments to Amazon Kendra index field names.

final List <DataSourceToIndexFieldMapping> **gitHubPullRequestDocumentConfigurationFieldMappings()**

A list of DataSourceToIndexFieldMapping objects that map attributes or field names of GitHub pull requests to Amazon Kendra index field names.

final List <DataSourceToIndexFieldMapping> **gitHubRepositoryConfigurationFieldMappings()**

A list of DataSourceToIndexFieldMapping objects that map GitHub repository attributes or field names to Amazon Kendra index field names.

final boolean **hasExclusionFileNamePatterns()**

For responses, this returns true if the service returned a value for the ExclusionFileNamePatterns property.

final boolean **hasExclusionFileTypePatterns()**

For responses, this returns true if the service returned a value for the ExclusionFileTypePatterns property.

final boolean **hasExclusionFolderNamePatterns()**

For responses, this returns true if the service returned a value for the ExclusionFolderNamePatterns property.

final boolean **hasGitHubCommitConfigurationFieldMappings()**

For responses, this returns true if the service returned a value for the GitHubCommitConfigurationFieldMappings property.

final boolean **hasGitHubIssueAttachmentConfigurationFieldMappings()**

For responses, this returns true if the service returned a value for the GitHubIssueAttachmentConfigurationFieldMappings property.

final boolean **hasGitHubIssueCommentConfigurationFieldMappings()**

For responses, this returns true if the service returned a value for the GitHubIssueCommentConfigurationFieldMappings property.

<code>final boolean</code>	<code>hasGitHubIssueDocumentConfigurationFieldMappings()</code>	For responses, this returns true if the service returned a value for the GitHubIssueDocumentConfigurationFieldMappings property.
<code>final boolean</code>	<code>hasGitHubPullRequestCommentConfigurationFieldMappings()</code>	For responses, this returns true if the service returned a value for the GitHubPullRequestCommentConfigurationFieldMappings property.
<code>final boolean</code>	<code>hasGitHubPullRequestDocumentAttachmentConfigurationFieldMappings()</code>	For responses, this returns true if the service returned a value for the GitHubPullRequestDocumentAttachmentConfigurationFieldMappings property.
<code>final boolean</code>	<code>hasGitHubPullRequestDocumentConfigurationFieldMappings()</code>	For responses, this returns true if the service returned a value for the GitHubPullRequestDocumentConfigurationFieldMappings property.
<code>final boolean</code>	<code>hasGitHubRepositoryConfigurationFieldMappings()</code>	For responses, this returns true if the service returned a value for the GitHubRepositoryConfigurationFieldMappings property.
<code>final int</code>	<code>hashCode()</code>	
<code>final boolean</code>	<code>hasInclusionFileNamePatterns()</code>	For responses, this returns true if the service returned a value for the InclusionFileNamePatterns property.
<code>final boolean</code>	<code>hasInclusionFileTypePatterns()</code>	For responses, this returns true if the service returned a value for the InclusionFileTypePatterns property.
<code>final boolean</code>	<code>hasInclusionFolderNamePatterns()</code>	For responses, this returns true if the service returned a value for the InclusionFolderNamePatterns property.
<code>final boolean</code>	<code>hasRepositoryFilter()</code>	For responses, this returns true if the service returned a value for the RepositoryFilter property.
<code>final List <String ></code>	<code>inclusionFileNamePatterns()</code>	A list of regular expression patterns to include certain file

		names in your GitHub repository or repositories.
<code>final List <String ></code>	<code>inclusionFileTypePatterns()</code>	A list of regular expression patterns to include certain file types in your GitHub repository or repositories.
<code>final List <String ></code>	<code>inclusionFolderNamePatterns()</code>	A list of regular expression patterns to include certain folder names in your GitHub repository or repositories.
<code>final OnPremiseConfiguration</code>	<code>onPremiseConfiguration()</code>	Configuration information to connect to GitHub Enterprise Server (on premises).
<code>final List <String ></code>	<code>repositoryFilter()</code>	A list of names of the specific repositories you want to index.
<code>final SaaSConfiguration</code>	<code>saaSConfiguration()</code>	Configuration information to connect to GitHub Enterprise Cloud (SaaS).
<code>final List <SdkField<? >></code>	<code>sdkFields()</code>	
<code>final String</code>	<code>secretArn()</code>	The Amazon Resource Name (ARN) of an Secrets Manager secret that contains the key-value pairs required to connect to your GitHub.
<code>static Class <? extends GitHubConfiguration.Builder></code>	<code>serializableBuilderClass()</code>	
<code>GitHubConfiguration.Builder</code>	<code>toBuilder()</code>	Take this object and create a builder that contains all of the current property values of this object.
<code>final String</code>	<code>toString()</code>	Returns a string representation of this object.
<code>final Type</code>	<code>type()</code>	The type of GitHub service you want to connect to—GitHub Enterprise Cloud (SaaS) or GitHub Enterprise Server (on premises).

<code>final String</code>	<code>typeAsString()</code>	The type of GitHub service you want to connect to—GitHub Enterprise Cloud (SaaS) or GitHub Enterprise Server (on premises).
<code>final Boolean</code>	<code>useChangeLog()</code>	TRUE to use the GitHub change log to determine which documents require updating in the index.
<code>final DataSourceVpcCon figuration</code>	<code>vpcConfiguration()</code>	Configuration information of an Amazon Virtual Private Cloud to connect to your GitHub.

Methods inherited from class `java.lang.Object`

`getClass` , `notify` , `notifyAll` , `wait` , `wait` , `wait`

Methods inherited from
interface `software.amazon.awssdk.utils.builder.ToCopyableBuilder`

`copy`

Method Details

saaSConfiguration

`public final SaaSConfiguration saasConfiguration()`
Configuration information to connect to GitHub Enterprise Cloud (SaaS).
Returns:
Configuration information to connect to GitHub Enterprise Cloud (SaaS).

onPremiseConfiguration

`public final OnPremiseConfiguration onPremiseConfiguration()`
Configuration information to connect to GitHub Enterprise Server (on premises).
Returns:
Configuration information to connect to GitHub Enterprise Server (on premises).

type

```
public final Type type()
```

The type of GitHub service you want to connect to—GitHub Enterprise Cloud (SaaS) or GitHub Enterprise Server (on premises).

If the service returns an enum value that is not available in the current SDK version, `type` will return **`Type.UNKNOWN_TO_SDK_VERSION`**. The raw value returned by the service is available from **`typeAsString()`**.

Returns:

The type of GitHub service you want to connect to—GitHub Enterprise Cloud (SaaS) or GitHub Enterprise Server (on premises).

See Also:

`Type`

typeAsString

```
public final String typeAsString()
```

The type of GitHub service you want to connect to—GitHub Enterprise Cloud (SaaS) or GitHub Enterprise Server (on premises).

If the service returns an enum value that is not available in the current SDK version, `type` will return **`Type.UNKNOWN_TO_SDK_VERSION`**. The raw value returned by the service is available from **`typeAsString()`**.

Returns:

The type of GitHub service you want to connect to—GitHub Enterprise Cloud (SaaS) or GitHub Enterprise Server (on premises).

See Also:

`Type`

secretArn

```
public final String secretArn()
```

The Amazon Resource Name (ARN) of an Secrets Manager secret that contains the key-value pairs required to connect to your GitHub. The secret must contain a JSON structure with the following keys:

- `personalToken`—The access token created in GitHub. For more information on creating a token in GitHub, see **[Using a GitHub data source](#)**.

Returns:

The Amazon Resource Name (ARN) of an Secrets Manager secret that contains the key-value pairs required to connect to your GitHub. The secret must contain a JSON structure with the following keys:

- `personalToken`—The access token created in GitHub. For more information on creating a token in GitHub, see [Using a GitHub data source](#) .

`useChangeLog`

```
public final Boolean useChangeLog()
```

`TRUE` to use the GitHub change log to determine which documents require updating in the index. Depending on the GitHub change log's size, it may take longer for Amazon Kendra to use the change log than to scan all of your documents in GitHub.

Returns:

`TRUE` to use the GitHub change log to determine which documents require updating in the index. Depending on the GitHub change log's size, it may take longer for Amazon Kendra to use the change log than to scan all of your documents in GitHub.

`gitHubDocumentCrawlProperties`

```
public final GitHubDocumentCrawlProperties gitHubDocumentCrawlProperties()
```

Configuration information to include certain types of GitHub content. You can configure to index repository files only, or also include issues and pull requests, comments, and comment attachments.

Returns:

Configuration information to include certain types of GitHub content. You can configure to index repository files only, or also include issues and pull requests, comments, and comment attachments.

`hasRepositoryFilter`

```
public final boolean hasRepositoryFilter()
```

For responses, this returns `true` if the service returned a value for the `RepositoryFilter` property. This DOES NOT check that the value is non-empty (for which, you should check the `isEmpty()` method on the property). This is useful because the SDK will never return a null collection or map, but you may need to differentiate between the service returning nothing (or null) and the service returning an empty collection or map. For requests, this returns `true` if a value for the property was specified in the request builder, and `false` if a value was not specified.

`repositoryFilter`

```
public final List<String> repositoryFilter()
```

A list of names of the specific repositories you want to index.

Attempts to modify the collection returned by this method will result in an `UnsupportedOperationException`.

This method will never return null. If you would like to know whether the service returned this field (so that you can differentiate between null and empty), you can use the **hasRepositoryFilter()** method.

Returns:

A list of names of the specific repositories you want to index.

hasInclusionFolderNamePatterns

```
public final boolean hasInclusionFolderNamePatterns()
```

For responses, this returns true if the service returned a value for the `InclusionFolderNamePatterns` property. This DOES NOT check that the value is non-empty (for which, you should check the `isEmpty()` method on the property). This is useful because the SDK will never return a null collection or map, but you may need to differentiate between the service returning nothing (or null) and the service returning an empty collection or map. For requests, this returns true if a value for the property was specified in the request builder, and false if a value was not specified.

inclusionFolderNamePatterns

```
public final List <String > inclusionFolderNamePatterns()
```

A list of regular expression patterns to include certain folder names in your GitHub repository or repositories. Folder names that match the patterns are included in the index. Folder names that don't match the patterns are excluded from the index. If a folder matches both an inclusion and exclusion pattern, the exclusion pattern takes precedence and the folder isn't included in the index.

Attempts to modify the collection returned by this method will result in an `UnsupportedOperationException`.

This method will never return null. If you would like to know whether the service returned this field (so that you can differentiate between null and empty), you can use the **hasInclusionFolderNamePatterns()** method.

Returns:

A list of regular expression patterns to include certain folder names in your GitHub repository or repositories. Folder names that match the patterns are included in the index. Folder names that don't match the patterns are excluded from the index. If a folder matches both an inclusion and exclusion pattern, the exclusion pattern takes precedence and the folder isn't included in the index.

hasInclusionFileTypePatterns

```
public final boolean hasInclusionFileTypePatterns()
```

For responses, this returns true if the service returned a value for the `InclusionFileTypePatterns` property. This DOES NOT check that the value is non-empty (for which, you should check the `isEmpty()` method on the property). This is useful because the SDK will never return a null collection or map, but you may need to differentiate between the service returning nothing (or null) and the service returning an empty

collection or map. For requests, this returns true if a value for the property was specified in the request builder, and false if a value was not specified.

inclusionFileTypePatterns

```
public final List <String > inclusionFileTypePatterns()
```

A list of regular expression patterns to include certain file types in your GitHub repository or repositories. File types that match the patterns are included in the index. File types that don't match the patterns are excluded from the index. If a file matches both an inclusion and exclusion pattern, the exclusion pattern takes precedence and the file isn't included in the index.

Attempts to modify the collection returned by this method will result in an `UnsupportedOperationException`.

This method will never return null. If you would like to know whether the service returned this field (so that you can differentiate between null and empty), you can use the `hasInclusionFileTypePatterns()` method.

Returns:

A list of regular expression patterns to include certain file types in your GitHub repository or repositories. File types that match the patterns are included in the index. File types that don't match the patterns are excluded from the index. If a file matches both an inclusion and exclusion pattern, the exclusion pattern takes precedence and the file isn't included in the index.

hasInclusionFileNamePatterns

```
public final boolean hasInclusionFileNamePatterns()
```

For responses, this returns true if the service returned a value for the `InclusionFileNamePatterns` property. This DOES NOT check that the value is non-empty (for which, you should check the `isEmpty()` method on the property). This is useful because the SDK will never return a null collection or map, but you may need to differentiate between the service returning nothing (or null) and the service returning an empty collection or map. For requests, this returns true if a value for the property was specified in the request builder, and false if a value was not specified.

inclusionFileNamePatterns

```
public final List <String > inclusionFileNamePatterns()
```

A list of regular expression patterns to include certain file names in your GitHub repository or repositories. File names that match the patterns are included in the index. File names that don't match the patterns are excluded from the index. If a file matches both an inclusion and exclusion pattern, the exclusion pattern takes precedence and the file isn't included in the index.

Attempts to modify the collection returned by this method will result in an `UnsupportedOperationException`.

This method will never return null. If you would like to know whether the service returned this field (so that you can differentiate between null and empty), you can use the **hasInclusionFileNamePatterns()** method.

Returns:

A list of regular expression patterns to include certain file names in your GitHub repository or repositories. File names that match the patterns are included in the index. File names that don't match the patterns are excluded from the index. If a file matches both an inclusion and exclusion pattern, the exclusion pattern takes precedence and the file isn't included in the index.

hasExclusionFolderNamePatterns

```
public final boolean hasExclusionFolderNamePatterns()
```

For responses, this returns true if the service returned a value for the ExclusionFolderNamePatterns property. This DOES NOT check that the value is non-empty (for which, you should check the isEmpty() method on the property). This is useful because the SDK will never return a null collection or map, but you may need to differentiate between the service returning nothing (or null) and the service returning an empty collection or map. For requests, this returns true if a value for the property was specified in the request builder, and false if a value was not specified.

exclusionFolderNamePatterns

```
public final List <String > exclusionFolderNamePatterns()
```

A list of regular expression patterns to exclude certain folder names in your GitHub repository or repositories. Folder names that match the patterns are excluded from the index. Folder names that don't match the patterns are included in the index. If a folder matches both an exclusion and inclusion pattern, the exclusion pattern takes precedence and the folder isn't included in the index.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

This method will never return null. If you would like to know whether the service returned this field (so that you can differentiate between null and empty), you can use the **hasExclusionFolderNamePatterns()** method.

Returns:

A list of regular expression patterns to exclude certain folder names in your GitHub repository or repositories. Folder names that match the patterns are excluded from the index. Folder names that don't match the patterns are included in the index. If a folder matches both an exclusion and inclusion pattern, the exclusion pattern takes precedence and the folder isn't included in the index.

hasExclusionFileTypePatterns

```
public final boolean hasExclusionFileTypePatterns()
```

For responses, this returns true if the service returned a value for the `ExclusionFileTypePatterns` property. This DOES NOT check that the value is non-empty (for which, you should check the `isEmpty()` method on the property). This is useful because the SDK will never return a null collection or map, but you may need to differentiate between the service returning nothing (or null) and the service returning an empty collection or map. For requests, this returns true if a value for the property was specified in the request builder, and false if a value was not specified.

exclusionFileTypePatterns

```
public final List<String> exclusionFileTypePatterns()
```

A list of regular expression patterns to exclude certain file types in your GitHub repository or repositories. File types that match the patterns are excluded from the index. File types that don't match the patterns are included in the index. If a file matches both an exclusion and inclusion pattern, the exclusion pattern takes precedence and the file isn't included in the index.

Attempts to modify the collection returned by this method will result in an `UnsupportedOperationException`.

This method will never return null. If you would like to know whether the service returned this field (so that you can differentiate between null and empty), you can use the `hasExclusionFileTypePatterns()` method.

Returns:

A list of regular expression patterns to exclude certain file types in your GitHub repository or repositories. File types that match the patterns are excluded from the index. File types that don't match the patterns are included in the index. If a file matches both an exclusion and inclusion pattern, the exclusion pattern takes precedence and the file isn't included in the index.

hasExclusionFileNamePatterns

```
public final boolean hasExclusionFileNamePatterns()
```

For responses, this returns true if the service returned a value for the `ExclusionFileNamePatterns` property. This DOES NOT check that the value is non-empty (for which, you should check the `isEmpty()` method on the property). This is useful because the SDK will never return a null collection or map, but you may need to differentiate between the service returning nothing (or null) and the service returning an empty collection or map. For requests, this returns true if a value for the property was specified in the request builder, and false if a value was not specified.

exclusionFileNamePatterns

```
public final List<String> exclusionFileNamePatterns()
```

A list of regular expression patterns to exclude certain file names in your GitHub repository or repositories. File names that match the patterns are excluded from the index. File names that don't match the patterns are included in the index. If a file matches both an exclusion and inclusion pattern, the exclusion pattern takes precedence and the file isn't included in the index.

Attempts to modify the collection returned by this method will result in an `UnsupportedOperationException`.

This method will never return null. If you would like to know whether the service returned this field (so that you can differentiate between null and empty), you can use the `hasExclusionFileNamePatterns()` method.

Returns:

A list of regular expression patterns to exclude certain file names in your GitHub repository or repositories. File names that match the patterns are excluded from the index. File names that don't match the patterns are included in the index. If a file matches both an exclusion and inclusion pattern, the exclusion pattern takes precedence and the file isn't included in the index.

vpcConfiguration

```
public final DataSourceVpcConfiguration vpcConfiguration()
```

Configuration information of an Amazon Virtual Private Cloud to connect to your GitHub. For more information, see [Configuring a VPC](#) .

Returns:

Configuration information of an Amazon Virtual Private Cloud to connect to your GitHub. For more information, see [Configuring a VPC](#) .

hasGitHubRepositoryConfigurationFieldMappings

```
public final boolean hasGitHubRepositoryConfigurationFieldMappings()
```

For responses, this returns true if the service returned a value for the `GitHubRepositoryConfigurationFieldMappings` property. This DOES NOT check that the value is non-empty (for which, you should check the `isEmpty()` method on the property). This is useful because the SDK will never return a null collection or map, but you may need to differentiate between the service returning nothing (or null) and the service returning an empty collection or map. For requests, this returns true if a value for the property was specified in the request builder, and false if a value was not specified.

gitHubRepositoryConfigurationFieldMappings

```
public final List <DataSourceToIndexFieldMapping> gitHubRepositoryConfigurationFieldMappings()
```

A list of `DataSourceToIndexFieldMapping` objects that map GitHub repository attributes or field names to Amazon Kendra index field names. To create custom fields, use the `UpdateIndex` API before you map to GitHub fields. For more information, see [Mapping data source fields](#) . The GitHub data source field names must exist in your GitHub custom metadata.

Attempts to modify the collection returned by this method will result in an `UnsupportedOperationException`.

This method will never return null. If you would like to know whether the service returned this field (so that you can differentiate between null and empty), you can use the **`hasGitHubRepositoryConfigurationFieldMappings()`** method.

Returns:

A list of `DataSourceToIndexFieldMapping` objects that map GitHub repository attributes or field names to Amazon Kendra index field names. To create custom fields, use the `UpdateIndex` API before you map to GitHub fields. For more information, see **[Mapping data source fields](#)** . The GitHub data source field names must exist in your GitHub custom metadata.

`hasGitHubCommitConfigurationFieldMappings`

```
public final boolean hasGitHubCommitConfigurationFieldMappings()
```

For responses, this returns true if the service returned a value for the `GitHubCommitConfigurationFieldMappings` property. This DOES NOT check that the value is non-empty (for which, you should check the `isEmpty()` method on the property). This is useful because the SDK will never return a null collection or map, but you may need to differentiate between the service returning nothing (or null) and the service returning an empty collection or map. For requests, this returns true if a value for the property was specified in the request builder, and false if a value was not specified.

`gitHubCommitConfigurationFieldMappings`

```
public final List <DataSourceToIndexFieldMapping> gitHubCommitConfigurationFieldMappings()
```

A list of `DataSourceToIndexFieldMapping` objects that map attributes or field names of GitHub commits to Amazon Kendra index field names. To create custom fields, use the `UpdateIndex` API before you map to GitHub fields. For more information, see **[Mapping data source fields](#)** . The GitHub data source field names must exist in your GitHub custom metadata.

Attempts to modify the collection returned by this method will result in an `UnsupportedOperationException`.

This method will never return null. If you would like to know whether the service returned this field (so that you can differentiate between null and empty), you can use the **`hasGitHubCommitConfigurationFieldMappings()`** method.

Returns:

A list of `DataSourceToIndexFieldMapping` objects that map attributes or field names of GitHub commits to Amazon Kendra index field names. To create custom fields, use the `UpdateIndex` API before you map to GitHub fields. For more information, see **[Mapping data source fields](#)** . The GitHub data source field names must exist in your GitHub custom metadata.

`hasGitHubIssueDocumentConfigurationFieldMappings`

```
public final boolean hasGitHubIssueDocumentConfigurationFieldMappings()
```

For responses, this returns true if the service returned a value for the `GitHubIssueDocumentConfigurationFieldMappings` property. This DOES NOT check that the value is non-empty (for which, you should check the `isEmpty()` method on the property). This is useful because the SDK will never return a null collection or map, but you may need to differentiate between the service returning nothing (or null) and the service returning an empty collection or map. For requests, this returns true if a value for the property was specified in the request builder, and false if a value was not specified.

gitHubIssueDocumentConfigurationFieldMappings

```
public final List <DataSourceToIndexFieldMapping> gitHubIssueDocumentConfigurationFieldMappings()
```

A list of `DataSourceToIndexFieldMapping` objects that map attributes or field names of GitHub issues to Amazon Kendra index field names. To create custom fields, use the `UpdateIndex` API before you map to GitHub fields. For more information, see [Mapping data source fields](#) . The GitHub data source field names must exist in your GitHub custom metadata.

Attempts to modify the collection returned by this method will result in an `UnsupportedOperationException`.

This method will never return null. If you would like to know whether the service returned this field (so that you can differentiate between null and empty), you can use the `hasGitHubIssueDocumentConfigurationFieldMappings()` method.

Returns:

A list of `DataSourceToIndexFieldMapping` objects that map attributes or field names of GitHub issues to Amazon Kendra index field names. To create custom fields, use the `UpdateIndex` API before you map to GitHub fields. For more information, see [Mapping data source fields](#) . The GitHub data source field names must exist in your GitHub custom metadata.

hasGitHubIssueCommentConfigurationFieldMappings

```
public final boolean hasGitHubIssueCommentConfigurationFieldMappings()
```

For responses, this returns true if the service returned a value for the `GitHubIssueCommentConfigurationFieldMappings` property. This DOES NOT check that the value is non-empty (for which, you should check the `isEmpty()` method on the property). This is useful because the SDK will never return a null collection or map, but you may need to differentiate between the service returning nothing (or null) and the service returning an empty collection or map. For requests, this returns true if a value for the property was specified in the request builder, and false if a value was not specified.

gitHubIssueCommentConfigurationFieldMappings


```
public final List <DataSourceToIndexFieldMapping> gitHubIssueCommentConfigurationFieldMappings()
```

A list of `DataSourceToIndexFieldMapping` objects that map attributes or field names of GitHub issue comments to Amazon Kendra index field names. To create custom fields, use the `UpdateIndex` API before you map to GitHub fields. For more information, see [Mapping data source fields](#) . The GitHub data source field names must exist in your GitHub custom metadata.

Attempts to modify the collection returned by this method will result in an `UnsupportedOperationException`.

This method will never return null. If you would like to know whether the service returned this field (so that you can differentiate between null and empty), you can use the `hasGitHubIssueCommentConfigurationFieldMappings()` method.

Returns:

A list of `DataSourceToIndexFieldMapping` objects that map attributes or field names of GitHub issue comments to Amazon Kendra index field names. To create custom fields, use the `UpdateIndex` API before you map to GitHub fields. For more information, see [Mapping data source fields](#) . The GitHub data source field names must exist in your GitHub custom metadata.

hasGitHubIssueAttachmentConfigurationFieldMappings

```
public final boolean hasGitHubIssueAttachmentConfigurationFieldMappings()
```

For responses, this returns true if the service returned a value for the `GitHubIssueAttachmentConfigurationFieldMappings` property. This DOES NOT check that the value is non-empty (for which, you should check the `isEmpty()` method on the property). This is useful because the SDK will never return a null collection or map, but you may need to differentiate between the service returning nothing (or null) and the service returning an empty collection or map. For requests, this returns true if a value for the property was specified in the request builder, and false if a value was not specified.

gitHubIssueAttachmentConfigurationFieldMappings

```
public final List <DataSourceToIndexFieldMapping> gitHubIssueAttachmentConfigurationFieldMappings()
```

A list of `DataSourceToIndexFieldMapping` objects that map attributes or field names of GitHub issue attachments to Amazon Kendra index field names. To create custom fields, use the `UpdateIndex` API before you map to GitHub fields. For more information, see [Mapping data source fields](#) . The GitHub data source field names must exist in your GitHub custom metadata.

Attempts to modify the collection returned by this method will result in an `UnsupportedOperationException`.

This method will never return null. If you would like to know whether the service returned this field (so that you can differentiate between null and empty), you can use the `hasGitHubIssueAttachmentConfigurationFieldMappings()` method.

Returns:

A list of `DataSourceToIndexFieldMapping` objects that map attributes or field names of GitHub issue attachments to Amazon Kendra index field names. To create custom fields, use the `UpdateIndex` API before you map to GitHub fields. For more information, see [Mapping data source fields](#) . The GitHub data source field names must exist in your GitHub custom metadata.

hasGitHubPullRequestCommentConfigurationFieldMappings

```
public final boolean hasGitHubPullRequestCommentConfigurationFieldMappings()
```

For responses, this returns true if the service returned a value for the `GitHubPullRequestCommentConfigurationFieldMappings` property. This DOES NOT check that the value is non-empty (for which, you should check the `isEmpty()` method on the property). This is useful because the SDK will never return a null collection or map, but you may need to differentiate between the service returning nothing (or null) and the service returning an empty collection or map. For requests, this returns true if a value for the property was specified in the request builder, and false if a value was not specified.

gitHubPullRequestCommentConfigurationFieldMappings

```
public final List <DataSourceToIndexFieldMapping> gitHubPullRequestCommentConfigurationFieldMappings()
```

A list of `DataSourceToIndexFieldMapping` objects that map attributes or field names of GitHub pull request comments to Amazon Kendra index field names. To create custom fields, use the `UpdateIndex` API before you map to GitHub fields. For more information, see [Mapping data source fields](#) . The GitHub data source field names must exist in your GitHub custom metadata.

Attempts to modify the collection returned by this method will result in an `UnsupportedOperationException`.

This method will never return null. If you would like to know whether the service returned this field (so that you can differentiate between null and empty), you can use the `hasGitHubPullRequestCommentConfigurationFieldMappings()` method.

Returns:

A list of `DataSourceToIndexFieldMapping` objects that map attributes or field names of GitHub pull request comments to Amazon Kendra index field names. To create custom fields, use the `UpdateIndex` API before you map to GitHub fields. For more information, see [Mapping data source fields](#) . The GitHub data source field names must exist in your GitHub custom metadata.

hasGitHubPullRequestDocumentConfigurationFieldMappings

```
public final boolean hasGitHubPullRequestDocumentConfigurationFieldMappings()
```

For responses, this returns true if the service returned a value for the `GitHubPullRequestDocumentConfigurationFieldMappings` property. This DOES NOT check that the

value is non-empty (for which, you should check the `isEmpty()` method on the property). This is useful because the SDK will never return a null collection or map, but you may need to differentiate between the service returning nothing (or null) and the service returning an empty collection or map. For requests, this returns true if a value for the property was specified in the request builder, and false if a value was not specified.

gitHubPullRequestDocumentConfigurationFieldMappings

```
public final List <DataSourceToIndexFieldMapping> gitHubPullRequestDocumentConfigurationFieldMappings()
```

A list of `DataSourceToIndexFieldMapping` objects that map attributes or field names of GitHub pull requests to Amazon Kendra index field names. To create custom fields, use the `UpdateIndex` API before you map to GitHub fields. For more information, see [Mapping data source fields](#). The GitHub data source field names must exist in your GitHub custom metadata.

Attempts to modify the collection returned by this method will result in an `UnsupportedOperationException`.

This method will never return null. If you would like to know whether the service returned this field (so that you can differentiate between null and empty), you can use the `hasGitHubPullRequestDocumentConfigurationFieldMappings()` method.

Returns:

A list of `DataSourceToIndexFieldMapping` objects that map attributes or field names of GitHub pull requests to Amazon Kendra index field names. To create custom fields, use the `UpdateIndex` API before you map to GitHub fields. For more information, see [Mapping data source fields](#). The GitHub data source field names must exist in your GitHub custom metadata.

hasGitHubPullRequestDocumentAttachmentConfigurationFieldMappings

```
public final boolean hasGitHubPullRequestDocumentAttachmentConfigurationFieldMappings()
```

For responses, this returns true if the service returned a value for the `GitHubPullRequestDocumentAttachmentConfigurationFieldMappings` property. This DOES NOT check that the value is non-empty (for which, you should check the `isEmpty()` method on the property). This is useful because the SDK will never return a null collection or map, but you may need to differentiate between the service returning nothing (or null) and the service returning an empty collection or map. For requests, this returns true if a value for the property was specified in the request builder, and false if a value was not specified.

gitHubPullRequestDocumentAttachmentConfigurationFieldMappings

```
public final List <DataSourceToIndexFieldMapping> gitHubPullRequestDocumentAttachmentConfigurationFieldMappings()
```

A list of `DataSourceToIndexFieldMapping` objects that map attributes or field names of GitHub pull request attachments to Amazon Kendra index field names. To create custom fields, use the `UpdateIndex` API before you map to GitHub fields. For more information, see [Mapping data source fields](#) . The GitHub data source field names must exist in your GitHub custom metadata.

Attempts to modify the collection returned by this method will result in an `UnsupportedOperationException`.

This method will never return null. If you would like to know whether the service returned this field (so that you can differentiate between null and empty), you can use the `hasGitHubPullRequestDocumentAttachmentConfigurationFieldMappings()` method.

Returns:

A list of `DataSourceToIndexFieldMapping` objects that map attributes or field names of GitHub pull request attachments to Amazon Kendra index field names. To create custom fields, use the `UpdateIndex` API before you map to GitHub fields. For more information, see [Mapping data source fields](#) . The GitHub data source field names must exist in your GitHub custom metadata.

toBuilder

```
public GitHubConfiguration.Builder toBuilder()
```

Description copied from interface: `ToCopyableBuilder`

Take this object and create a builder that contains all of the current property values of this object.

Specified by:

`toBuilder` in interface `ToCopyableBuilder<GitHubConfiguration.Builder, GitHubConfiguration>`

Returns:

a builder for type T

builder

```
public static GitHubConfiguration.Builder builder()
```

serializableBuilderClass

```
public static Class <? extends GitHubConfiguration.Builder> serializableBuilderClass()
```

hashCode

```
public final int hashCode()
```

Overrides:

hashCode in class **Object**

equals

```
public final boolean equals(Object obj)
```

Overrides:

equals in class **Object**

equalsBySdkFields

```
public final boolean equalsBySdkFields(Object obj)
```

Description copied from interface: **SdkPojo**

Indicates whether some other object is "equal to" this one by SDK fields. An SDK field is a modeled, non-inherited field in an **SdkPojo** class, and is generated based on a service model.

If an **SdkPojo** class does not have any inherited fields, `equalsBySdkFields` and `equals` are essentially the same.

Specified by:

equalsBySdkFields in interface **SdkPojo**

Parameters:

`obj` - the object to be compared with

Returns:

true if the other object equals to this object by sdk fields, false otherwise.

toString

```
public final String toString()
```

Returns a string representation of this object. This is useful for testing and debugging. Sensitive data will be redacted from this string using a placeholder value.

Overrides:

toString in class **Object**

getValueForField

```
public final <T> Optional <T> getValueForField(String fieldName,  
                                                Class <T> clazz)
```

sdkFields

```
public final List <SdkField<?>> sdkFields()
```

Specified by:

sdkFields in interface **SdkPojo**

Returns:

List of **SdkField** in this POJO. May be empty list but should never be null.

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