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Namespace com.freeclimb

Classes

FreeClimbSdkException

This exception is thrown when something internal is broken in the SDK. If an SDK user recieves this exception it means somthing in the SDK itself is broken. User actions should never trigger this exception. It is only raised by an SDK developer breaking something within the SDK.

Structs

Date

Date only structure.

Enums

EAccountStatus

Account Status enumeration with a default value of NONE.

EAccountType

Account Type enumeration with a default value of NONE.

EAnsweredBy

AnsweredBy enumeration with a default value of NONE.

EBool

Boolean enumeration with a default value of NONE.

ECallStatus

Status enumeration with a default value of NONE.

EConferenceStatus

Conference status enumeration with a default value of NONE.

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DigitTermReason enumeration with a default value of NONE.

EDirection

Direction enumeration with a default value of NONE.

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FinishOnKey enumeration with a default value of NONE.

EGrammarType

GrammarType enumeration with a default value of NONE.

EIfMachine

IfMachine enumeration with a default value of NONE.

ELanguage

Language enumeration with a default value of NONE.

ELogLevel

Log level enumeration with a default value of NONE.

EMachineType

MachineTYpe enumeration with a default value of NONE.

EMessageDirection

Direction enumeration for Messages with a default value of NONE.

EMessageStatus

Status enumeration with a default value of NONE.

EPlayBeep

PlayBeep enumeration with a default value of NONE.

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RecordTermReason enumeration with a default value of NONE.

ERequestType

ERequestType enumeration with a default value of NONE.

EResults

Results enumeration with a default value of NONE.

ESpeechTermReason

SpeechTermReason enumeration with a default value of NONE.

Struct Date

Date only structure.

Implements

System.IComparable
System.IFormattable
System.Runtime.Serialization.ISerializable
System.IComparable<Date>
System.IEquatable<Date>

Inherited Members

System.ValueType.ToString()
System.Object.Equals(System.Object, System.Object)
System.Object.ReferenceEquals(System.Object, System.Object)
System.Object.GetType()

Namespace: com.freeclimb
Assembly: freeclimb-cs-sdk.dll

Syntax

```
public struct Date : IComparable, IFormattable, ISerializable, IComparable<Date>, IEquatable<Date>
```

Constructors

Date(DateTime)

Creates Date instance.

Declaration

```
public Date(DateTime dateTime)
```

Parameters

TYPE	NAME	DESCRIPTION
System.DateTime	dateTime	DateTime instance.

Exceptions

TYPE	CONDITION
FreeClimbDateException	Thrown upon failed request.

Date(Int32, Int32, Int32)

Creates Date instance.

Declaration

```
public Date(int year, int month, int day)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	year	Integer year.
System.Int32	month	Integer month.
System.Int32	day	Integer day.

Exceptions

TYPE	CONDITION
FreeClimbDateException	Thrown upon failed request.

Fields

MaxValue

Static Maximum Date instance value.

Declaration

```
public static readonly Date MaxValue
```

Field Value

TYPE	DESCRIPTION
Date	

MinValue

Static Minimum Date instance value.

Declaration

```
public static readonly Date MinValue
```

Field Value

TYPE	DESCRIPTION
Date	

Properties

Day

Retrieves integer day from instance.

Declaration

```
public int Day { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	Instance integer day.

DayOfWeek

Retrieves DayOfWeek enumeration from instance.

Declaration

```
public DayOfWeek DayOfWeek { get; }
```

Property Value

TYPE	DESCRIPTION
System.DayOfWeek	Instance DayOfWeek enumeration.

DayOfYear

Retrieves DayOfYear enumeration from instance.

Declaration

```
public int DayOfYear { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	Instance DayOfYear enumeration.

Month

Retrieves integer month from instance.

Declaration

```
public int Month { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	Instance integer month.

Today

Creates local current Date instance.

Declaration

```
public static Date Today { get; }
```

Property Value

TYPE	DESCRIPTION
[Date](#)	Date instance.

Year

Retrieves integer year from instance.

Declaration

```
public int Year { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	Instance integer year.

Methods

AddDays(Int32)

Creates Date instance from current instance plus parameter days.

Declaration

```
public Date AddDays(int value)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	value	Integer number of days to add.

Returns

TYPE	DESCRIPTION
[Date](#)	Date instance.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

AddMonths(Int32)

Creates Date instance from current instance plus parameter months.

Declaration

```
public Date AddMonths(int value)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	value	Integer number of months to add.

Returns

TYPE	DESCRIPTION
Date	Date instance.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

AddYears(Int32)

Creates Date instance from current instance plus parameter years.

Declaration

```
public Date AddYears(int value)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	value	Integer number of years to add.

Returns

TYPE	DESCRIPTION
Date	Date instance.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

Compare(Date, Date)

Compares two Date instances.

Declaration

```
public static int Compare(Date d1, Date d2)
```

Parameters

TYPE	NAME	DESCRIPTION
Date	d1	Date structure one.
Date	d2	Date structure two.

Returns

TYPE	DESCRIPTION
System.Int32	Integer where zero indicates equal, less then zero if one is less then two and larger then zero if one is greater then two.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

CompareTo(Date)

Compares the current instance with another object of the same type.

Declaration

```
public int CompareTo(Date value)
```

Parameters

TYPE	NAME	DESCRIPTION
Date	value	Date structure.

Returns

TYPE	DESCRIPTION
System.Int32	Integer where zero indicates equal, less then zero if one is less then two and larger then zero if one is greater then two.

CompareTo(Object)

Compares the current instance with another object of the same type.

Declaration

```
public int CompareTo(object value)
```

Parameters

TYPE	NAME	DESCRIPTION

TYPE	NAME	DESCRIPTION
System.Object	value	Object of type Date structure.

Returns

TYPE	DESCRIPTION
System.Int32	Integer where zero indicates equal, less then zero if one is less then two and larger then zero if one is greater then two.

DaysInMonth(Int32, Int32)

Calculates number of days in a month and year in local time zone.

Declaration

```
public static int DaysInMonth(int year, int month)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	year	Integer year.
System.Int32	month	Integer month.

Returns

TYPE	DESCRIPTION
System.Int32	Number of days.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

Equal(Date, Date)

Helper method to deep compare two Recording instances.

Declaration

```
public static bool Equal(Date a, Date b)
```

Parameters

TYPE	NAME	DESCRIPTION

TYPE	NAME	DESCRIPTION
Date	a	Recording instance one.
Date	b	Recording instance two.

Returns

TYPE	DESCRIPTION
System.Boolean	True is a == b, otherwise false.

Equals(Date)

Compares the current instance with another object of the same type.

Declaration

```
public bool Equals(Date value)
```

Parameters

TYPE	NAME	DESCRIPTION
Date	value	Date structure.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Equals(Object)

Compares the current instance with another object of the same type.

Declaration

```
public override bool Equals(object value)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Object	value	Object of type Date structure.

Returns

TYPE	DESCRIPTION

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Overrides

System.ValueType.Equals(System.Object)

GetHashCode()

Serves as the default hash function.

Declaration

```
public override int GetHashCode()
```

Returns

TYPE	DESCRIPTION
System.Int32	A hash code for the current object.

Overrides

System.ValueType.GetHashCode()

IsLeapYear(Int32)

Returns an indication whether the specified year is a leap year.

Declaration

```
public static bool IsLeapYear(int year)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	year	A 4-digit year.

Returns

TYPE	DESCRIPTION
System.Boolean	true if year is a leap year; otherwise, false.

Parse(String)

Converts the string representation of a date and time to its DateTime equivalent.

Declaration

```
public static Date Parse(string s)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	s	A string that contains a date and time to convert.

Returns

TYPE	DESCRIPTION
Date	An object that is equivalent to the date and time contained in s.

Parse(String, IFormatProvider)

Converts the string representation of a date and time to its DateTime equivalent by using culture-specific format information.

Declaration

```
public static Date Parse(string s, IFormatProvider provider)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	s	A string that contains a date and time to convert.
System.IFormatProvider	provider	An object that supplies culture-specific format information about s.

Returns

TYPE	DESCRIPTION
Date	An object that is equivalent to the date and time contained in s as specified by provider.

Parse(String, IFormatProvider, DateTimeStyles)

Converts the string representation of a date and time to its DateTime equivalent by using culture-specific format information and formatting style.

Declaration

```
public static Date Parse(string s, IFormatProvider provider, DateTimeStyles style)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	s	A string that contains a date and time to convert.
System.IFormatProvider	provider	An object that supplies culture-specific format information about s.

TYPE	NAME	DESCRIPTION
System.Globalization.DateTimeStyles	style	A bitwise combination of the enumeration values that indicates the style elements that can be present in s for the parse operation to succeed, and that defines how to interpret the parsed date in relation to the current time zone or the current date.

Returns

TYPE	DESCRIPTION
[Date](#)	An object that is equivalent to the date and time contained in s, as specified by provider and styles.

ParseExact(String, String, IFormatProvider)

Converts the specified string representation of a date and time to its DateTime equivalent using the specified format and culture-specific format information. The format of the string representation must match the specified format exactly.

Declaration

```
public static Date ParseExact(string s, string format, IFormatProvider provider)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	s	A string that contains a date and time to convert.
System.String	format	A format specifier that defines the required format of s.
System.IFormatProvider	provider	An object that supplies culture-specific format information about s.

Returns

TYPE	DESCRIPTION
[Date](#)	An object that is equivalent to the date and time contained in s, as specified by provider and styles.

ParseExact(String, String, IFormatProvider, DateTimeStyles)

Converts the specified string representation of a date and time to its DateTime equivalent using the specified format, culture-specific format information, and style. The format of the string representation must match the specified format exactly or an exception is thrown.

Declaration

```
public static Date ParseExact(string s, string format, IFormatProvider provider, DateTimeStyles style)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	s	A string that contains a date and time to convert.
System.String	format	A format specifier that defines the required format of s.
System.IFormatProvider	provider	An object that supplies culture-specific format information about s.
System.Globalization.DateTimeStyles	style	A bitwise combination of the enumeration values that provides additional information about s, about style elements that may be present in s, or about the conversion from s to a DateTime value.

Returns

TYPE	DESCRIPTION
[Date](#)	An object that is equivalent to the date and time contained in s, as specified by format, provider, and style.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

ParseExact(String, String[], IFormatProvider, DateTimeStyles)

Converts the specified string representation of a date and time to its DateTime equivalent using the specified format, culture-specific format information, and style. The format of the string representation must match the specified format exactly or an exception is thrown.

Declaration

```
public static Date ParseExact(string s, string[] formats, IFormatProvider provider, DateTimeStyles style)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	s	A string that contains a date and time to convert.
System.String[]	formats	An array of allowable formats of s.
System.IFormatProvider	provider	An object that supplies culture-specific format information about s.

TYPE	NAME	DESCRIPTION
System.Globalization.DateTimeStyles	style	A bitwise combination of the enumeration values that provides additional information about s, about style elements that may be present in s, or about the conversion from s to a DateTime value.

Returns

TYPE	DESCRIPTION
[Date](#)	An object that is equivalent to the date and time contained in s, as specified by formats, provider, and style.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

Subtract(Date)

Date substraction.

Declaration

```
public TimeSpan Subtract(Date value)
```

Parameters

TYPE	NAME	DESCRIPTION
[Date](#)	value	Subtrahend Date structure.

Returns

TYPE	DESCRIPTION
System.TimeSpan	TimeSpan structure

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

Subtract(TimeSpan)

Date TimeSpan substraction.

Declaration

```
public Date Subtract(TimeSpan value)
```

Parameters

TYPE	NAME	DESCRIPTION
System.TimeSpan	value	Subtrahend TimeSpan structure.

Returns

TYPE	DESCRIPTION
Date	Date structure

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

ToLongDateString()

Converts the value of the current DateTime object to its equivalent long time string representation.

Declaration

```
public string ToLongDateString()
```

Returns

TYPE	DESCRIPTION
System.String	A string that contains the long date string representation of the current DateTime object.

ToShortDateString()

Converts the value of the current DateTime object to its equivalent short date string representation.

Declaration

```
public string ToShortDateString()
```

Returns

TYPE	DESCRIPTION
System.String	A string that contains the short date string representation of the current DateTime object.

ToString(IFormatProvider)

Converts the value of the current DateTime object to its equivalent string representation using the specified culture-specific format information.

Declaration

```
public string ToString(IFormatProvider provider)
```

Parameters

TYPE	NAME	DESCRIPTION
System.IFormatProvider	provider	An object that supplies culture-specific formatting information.

Returns

TYPE	DESCRIPTION
System.String	A string representation of value of the current DateTime object as specified by provider.

ToString(String)

Converts the value of the current DateTime object to its equivalent string representation using the specified format and the formatting conventions of the current culture.

Declaration

```
public string ToString(string format)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	format	A standard or custom date and time format string.

Returns

TYPE	DESCRIPTION
System.String	A string representation of value of the current DateTime object as specified by format.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

ToString(String, IFormatProvider)

Converts the value of the current DateTime object to its equivalent string representation using the specified format and culture-specific format information.

Declaration

```
public string ToString(string format, IFormatProvider provider)
```

Parameters

TYPE	NAME	DESCRIPTION

TYPE	NAME	DESCRIPTION
System.String	format	A standard or custom date and time format string.
System.IFormatProvider	provider	An object that supplies culture-specific formatting information.

Returns

TYPE	DESCRIPTION
System.String	A string representation of value of the current DateTime object as specified by format and provider.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

TryParse(String, out Date)

Converts the specified string representation of a date and time to its DateTime equivalent and returns a value that indicates whether the conversion succeeded.

Declaration

```
public static bool TryParse(string s, out Date result)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	s	A string containing a date and time to convert.
Date	result	When this method returns, contains the DateTime value equivalent to the date and time contained in s, if the conversion succeeded, or MinValue if the conversion failed. The conversion fails if the s parameter is null, is an empty string (""), or does not contain a valid string representation of a date and time. This parameter is passed uninitialized.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the s parameter was converted successfully; otherwise, false.

TryParse(String, IFormatProvider, DateTimeStyles, out Date)

Converts the specified string representation of a date and time to its DateTime equivalent using the specified culture-specific format information and formatting style, and returns a value that indicates whether the conversion succeeded.

Declaration

```
public static bool TryParse(string s, IFormatProvider provider, DateTimeStyles style, out Date result)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	s	A string containing a date and time to convert.
System.IFormatProvider	provider	An object that supplies culture-specific formatting information about s.
System.Globalization.DateTimeStyles	style	A bitwise combination of enumeration values that defines how to interpret the parsed date in relation to the current time zone or the current date.
[Date](#)	result	When this method returns, contains the DateTime value equivalent to the date and time contained in s, if the conversion succeeded, or MinValue if the conversion failed. The conversion fails if the s parameter is null, is an empty string (""), or does not contain a valid string representation of a date and time. This parameter is passed uninitialized.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the s parameter was converted successfully; otherwise, false.

TryParseExact(String, String, IFormatProvider, DateTimeStyles, out Date)

Converts the specified string representation of a date and time to its DateTime equivalent using the specified culture-specific format information and formatting style, and returns a value that indicates whether the conversion succeeded.

Declaration

```
public static bool TryParseExact(string s, string format, IFormatProvider provider, DateTimeStyles style, out
Date result)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	s	A string containing a date and time to convert.
System.String	format	An object that supplies culture-specific formatting information about s.
System.IFormatProvider	provider	An object that supplies culture-specific formatting information about s.
System.Globalization.DateTimeStyles	style	A bitwise combination of one or more enumeration values that indicate the permitted format of s.

TYPE	NAME	DESCRIPTION
[Date](#)	result	When this method returns, contains the DateTime value equivalent to the date and time contained in s, if the conversion succeeded, or MinValue if the conversion failed. The conversion fails if the s parameter is null, is an empty string (""), or does not contain a valid string representation of a date and time. This parameter is passed uninitialized.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the s parameter was converted successfully; otherwise, false.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

TryParseExact(String, String[], IFormatProvider, DateTimeStyles, out Date)

Converts the specified string representation of a date and time to its DateTime equivalent using the specified array of formats, culture-specific format information, and style. The format of the string representation must match at least one of the specified formats exactly. The method returns a value that indicates whether the conversion succeeded.

Declaration

```
public static bool TryParseExact(string s, string[] formats, IFormatProvider provider, DateTimeStyles style,
out Date result)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	s	A string containing a date and time to convert.
System.String[]	formats	An array of allowable formats of s.
System.IFormatProvider	provider	An object that supplies culture-specific formatting information about s.
System.Globalization.DateTimeStyles	style	A bitwise combination of one or more enumeration values that indicate the permitted format of s.
[Date](#)	result	When this method returns, contains the DateTime value equivalent to the date and time contained in s, if the conversion succeeded, or MinValue if the conversion failed. The conversion fails if the s parameter is null, is an empty string (""), or does not contain a valid string representation of a date and time. This parameter is passed uninitialized.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the s parameter was converted successfully; otherwise, false.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

Operators

Addition(Date, TimeSpan)

Date addition operator.

Declaration

```
public static Date operator +(Date d, TimeSpan t)
```

Parameters

TYPE	NAME	DESCRIPTION
[Date](#)	d	Date structure.
System.TimeSpan	t	Added TimeSpan structure.

Returns

TYPE	DESCRIPTION
[Date](#)	Date structure sum.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

Equality(Date, Date)

Date equality operator.

Declaration

```
public static bool operator ==(Date d1, Date d2)
```

Parameters

TYPE	NAME	DESCRIPTION
Date	d1	Date structure.
Date	d2	Date structure.

Returns

TYPE	DESCRIPTION
System.Boolean	true if equal otherwise false.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

Explicit(DateTime to Date)

DateTime to Date conversion.

Declaration

```
public static explicit operator Date(DateTime d)
```

Parameters

TYPE	NAME	DESCRIPTION
System.DateTime	d	DateTime structure.

Returns

TYPE	DESCRIPTION
Date	Date equivalent.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

GreaterThan(Date, Date)

Date greater then operator.

Declaration

```
public static bool operator>(Date d1, Date d2)
```

Parameters

TYPE	NAME	DESCRIPTION
Date	d1	Date structure one.
Date	d2	Date structure two.

Returns

TYPE	DESCRIPTION
System.Boolean	Bool true if Date one greater then Date two.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

GreaterThanOrEqual(Date, Date)

Date greater then or equal operator.

Declaration

```
public static bool operator >=(Date d1, Date d2)
```

Parameters

TYPE	NAME	DESCRIPTION
Date	d1	Date structure one.
Date	d2	Date structure two.

Returns

TYPE	DESCRIPTION
System.Boolean	Bool true if Date one greater then or equal to Date two.

Exceptions

TYPE	CONDITION

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

Implicit(Date to DateTime)

Date to DateTime conversion.

Declaration

```
public static implicit operator DateTime(Date d)
```

Parameters

TYPE	NAME	DESCRIPTION
[Date](#)	d	Date structure.

Returns

TYPE	DESCRIPTION
System.DateTime	DateTime equivalent.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

Inequality(Date, Date)

Date inequality operator.

Declaration

```
public static bool operator !=(Date d1, Date d2)
```

Parameters

TYPE	NAME	DESCRIPTION
[Date](#)	d1	Date structure.
[Date](#)	d2	Date structure.

Returns

TYPE	DESCRIPTION

TYPE	DESCRIPTION
System.Boolean	true if not equal otherwise false.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

LessThan(Date, Date)

Date less then operator.

Declaration

```
public static bool operator <(Date d1, Date d2)
```

Parameters

TYPE	NAME	DESCRIPTION
[Date](#)	d1	Date structure one.
[Date](#)	d2	Date structure two.

Returns

TYPE	DESCRIPTION
System.Boolean	Bool true if Date one is less then Date two.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

LessThanOrEqual(Date, Date)

Date less then or equal operator.

Declaration

```
public static bool operator <=(Date d1, Date d2)
```

Parameters

TYPE	NAME	DESCRIPTION

TYPE	NAME	DESCRIPTION
Date	d1	Date structure one.
Date	d2	Date structure two.

Returns

TYPE	DESCRIPTION
System.Boolean	Bool true if Date one is less then or equal to Date two.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

Subtraction(Date, Date)

Date substraction operator.

Declaration

```
public static TimeSpan operator -(Date d1, Date d2)
```

Parameters

TYPE	NAME	DESCRIPTION
Date	d1	Minuend Date structure.
Date	d2	Subtrahend Date structure.

Returns

TYPE	DESCRIPTION
System.TimeSpan	TimeSpan structure difference

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

Subtraction(Date, TimeSpan)

Date substraction operator.

Declaration

```
public static Date operator -(Date d, TimeSpan t)
```

Parameters

TYPE	NAME	DESCRIPTION
Date	d	Date structure.
System.TimeSpan	t	Subtrahend TimeSpan structure.

Returns

TYPE	DESCRIPTION
Date	Date structure

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

Explicit Interface Implementations

ISerializable.GetObjectData(SerializationInfo, StreamingContext)

Declaration

```
void ISerializable.GetObjectData(SerializationInfo info, StreamingContext context)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Runtime.Serialization.SerializationInfo	info	
System.Runtime.Serialization.StreamingContext	context	

Implements

System.IComparable
System.IFormattable
System.Runtime.Serialization.ISerializable
System.IComparable<T>
System.IEquatable<T>

Enum EAccountStatus

Account Status enumeration with a default value of NONE.

Namespace: com.freeclimb

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum EAccountStatus
```

Fields

NAME	DESCRIPTION
Active	
Closed	
NONE	
Suspended	

Enum EAccountType

Account Type enumeration with a default value of NONE.

Namespace: com.freeclimb

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum EAccountType
```

Fields

NAME	DESCRIPTION
Full	
NONE	
Trial	

Enum EAnsweredBy

AnsweredBy enumeration with a default value of NONE.

Namespace: com.freeclimb

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum EAnsweredBy
```

Fields

NAME	DESCRIPTION
Human	
Machine	
NONE	

Enum EBool

Boolean enumeration with a default value of NONE.

Namespace: com.freeclimb

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum EBool
```

Fields

NAME	DESCRIPTION
False	
NONE	
True	

Enum ECallStatus

Status enumeration with a default value of NONE.

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum ECallStatus
```

Fields

NAME	DESCRIPTION
Bridged	
Busy	
Canceled	
Completed	
Failed	
InProgress	
NoAnswer	
NONE	
Queued	
Ringing	

Enum EConferenceStatus

Conference status enumeration with a default value of NONE.

Namespace: com.freeclimb

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum EConferenceStatus
```

Fields

NAME	DESCRIPTION
Empty	
InProgress	
NONE	
Populated	
Terminated	

Enum EDigitTermReason

DigitTermReason enumeration with a default value of NONE.

Namespace: **com.freeclimb**

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum EDigitTermReason
```

Fields

NAME	DESCRIPTION
FinishKey	
Hangup	
MaxDigits	
MinDigits	
NONE	
Timeout	

Enum EDirection

Direction enumeration with a default value of NONE.

Namespace: com.freeclimb

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum EDirection
```

Fields

NAME	DESCRIPTION
Inbound	
NONE	
OutboundAPI	
OutboundDial	

Enum EFinishOnKey

FinishOnKey enumeration with a default value of NONE.

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum EFinishOnKey
```

Fields

NAME	DESCRIPTION
Eight	
Five	
Four	
Nine	
NONE	
One	
Pound	
Seven	
Six	
Star	
Three	
Two	
Zero	

Enum EGrammarType

GrammarType enumeration with a default value of NONE.

Namespace: com.freeclimb

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum EGrammarType
```

Fields

NAME	DESCRIPTION
BuiltIn	
NONE	
Url	

Enum EIfMachine

IfMachine enumeration with a default value of NONE.

Namespace: com.freeclimb

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum EIfMachine
```

Fields

NAME	DESCRIPTION
Continue	
Hangup	
NONE	

Enum ELanguage

Language enumeration with a default value of NONE.

Namespace: **com.freeclimb**

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum ELanguage
```

Fields

NAME	DESCRIPTION
Catalan	
ChineseCN	
ChineseHK	
ChineseTW	
Danish	
Dutch	
EnglishAU	
EnglishCA	
EnglishGB	
EnglishIN	
EnglishUS	
Finnish	
FrenchCA	
FrenchFR	
German	
Italian	
Japanese	
Korean	
NONE	
Norwegian	

NAME	DESCRIPTION
Polish	
PortugeseBR	
PortugesePT	
Russian	
SpanishES	
SpanishMX	
Swedish	

Enum ELogLevel

Log level enumeration with a default value of NONE.

Namespace: com.freeclimb

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum ELogLevel
```

Fields

NAME	DESCRIPTION
Error	
Info	
NONE	
Warning	

Enum EMachineType

MachineTYpe enumeration with a default value of NONE.

Namespace: com.freeclimb

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum EMachineType
```

Fields

NAME	DESCRIPTION
Answering	
Fax	
NONE	

Enum EMessageDirection

Direction enumeration for Messages with a default value of NONE.

Namespace: com.freeclimb

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum EMessageDirection
```

Fields

NAME	DESCRIPTION
Inbound	
NONE	
Outbound	

Enum EMessageStatus

Status enumeration with a default value of NONE.

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum EMessageStatus
```

Fields

NAME	DESCRIPTION
Failed	
NONE	
Queued	
Received	
Rejected	
Sending	
Sent	

Enum EPlayBeep

PlayBeep enumeration with a default value of NONE.

Namespace: com.freeclimb

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum EPlayBeep
```

Fields

NAME	DESCRIPTION
Always	
EntryOnly	
ExitOnly	
Never	
NONE	

Enum ERecordTermReason

RecordTermReason enumeration with a default value of NONE.

Namespace: com.freeclimb

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum ERecordTermReason
```

Fields

NAME	DESCRIPTION
FinishKey	
Hangup	
MaxLength	
NONE	
Timeout	

Enum ERequestType

ERequestType enumeration with a default value of NONE.

Namespace: com.freeclimb

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum ERequestType
```

Fields

NAME	DESCRIPTION
AddToConferenceNotification	
AddToQueueNotification	
CallStatus	
ConferenceCallControl	
ConferenceRecordingStatus	
ConferenceStatus	
CreateConference	
Dequeue	
GetDigits	
GetSpeech	
IfMachine	
InboundCall	
InboundMessage	
LeaveConference	
MachineDetected	
MessageDelivery	
MessageStatus	
NONE	
NumberVerification	
OutDialApiConnect	

NAME	DESCRIPTION
OutDialConnect	
OutDialStart	
Pause	
QueueWait	
Record	
Redirect	
RemoveFromQueueNotification	
UsageTrigger	

Enum EResults

Results enumeration with a default value of NONE.

Namespace: com.freeclimb
Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum EResults
```

Fields

NAME	DESCRIPTION
Dequeued	
Error	
Hangup	
NONE	
QueueFull	
SystemError	

Enum ESpeechTermReason

SpeechTermReason enumeration with a default value of NONE.

Namespace: com.freeclimb

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum ESpeechTermReason
```

Fields

NAME	DESCRIPTION
Digit	
Error	
Hangup	
NoInput	
NoMatch	
NONE	
Recognition	

Class FreeClimbSdkException

This exception is thrown when something internal is broken in the SDK. If an SDK user recieves this exception it means somthing in the SDK itself is broken. User actions should never trigger this exception. It is only raised by an SDK developer breaking something within the SDK.

Inheritance

System.Object

System.Exception

[FreeClimbException](#)

FreeClimbSdkException

Implements

System.Runtime.Serialization.ISerializable

System.Runtime.InteropServices._Exception

Inherited Members

System.Exception.GetBaseException()

System.Exception.ToString()

System.Exception.GetObjectData(System.Runtime.Serialization.SerializationInfo, System.Runtime.Serialization.StreamingContext)

System.Exception.GetType()

System.Exception.Message

System.Exception.Data

System.Exception.InnerException

System.Exception.TargetSite

System.Exception.StackTrace

System.Exception.HelpLink

System.Exception.Source

System.Exception.HResult

System.Exception.SerializeObjectState

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.MemberwiseClone()

Namespace: com.freeclimb

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[Serializable]
public class FreeClimbSdkException : FreeClimbException, ISerializable, _Exception
```

Constructors

FreeClimbSdkException()

Initializes a new instance of the FreeClimbSdkException class.

Declaration

```
public FreeClimbSdkException()
```

FreeClimbSdkException(String)

Initializes a new instance of the FreeClimbSdkException class with a specified error message.

Declaration

```
public FreeClimbSdkException(string message)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	message	The message that describes the error.

FreeClimbSdkException(String, Exception)

Initializes a new instance of the FreeClimbSdkException class with a specified error message and a reference to the inner exception that is the cause of this exception.

Declaration

```
public FreeClimbSdkException(string message, Exception inner)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	message	The error message that explains the reason for the exception.
System.Exception	inner	The exception that is the cause of the current exception, or a null reference if no inner exception is specified.

Implements

System.Runtime.Serialization.ISerializable

System.Runtime.InteropServices._Exception

Namespace com.freeclimb.api

Classes

APIRequester

The APIRequester is the base class for various *Requestor classes which each wrap a portion of the FreeClimb API. This class abstracts away the messiness that can be directly interacting with the API over HTTP to reduce code duplication in these child Requesters and ease their development.

CommonFields

fields that are used across many different API request message bodies.

FreeClimbClient

The FreeClimbClient is the main way within the SDK to interact with the FreeClimb API. After creating a FreeClimbClient the user can use any of it's many APIRequesters to make requests to the API.

FreeClimbCommon

FreeClimbCommon is the base class from which all classes that are built to represent objects returned from the FreeClimb API are built upon. A user of the SDK should never directly interact with a FreeClimbCommon object.

FreeClimbConnectionException

This exception is thrown when the SDK runs into problems with establishing a connection with the FreeClimb API.

FreeClimbDateException

This exception is thrown when the SDK runs into problems parsing a date string.

FreeClimbError

The FreeClimbError represents the error messages that the FreeClimb API often replies with.

FreeClimbErrorResponseException

This exception is thrown when the FreeClimb API responds with and HTTP error code to some user request.

FreeClimbException

Base FreeClimb exception class off of which all other exceptions in the SDK are based.

FreeClimbJSONException

Raised when there is a problem interpretting JSON or converting an object to JSON.

FreeClimbList

Base class for representing a list of resources returned by the FreeClimb API. Resources are kept in an ArrayList which the user is given limited access to. Subclasses for each type of resource that can be returned in FreeClimb API's paginated lists should be made to wrap around this.

Interfaces

IFreeClimbCommon

Generic FreeClimbCommon interface

Class APIRequester

The APIRequester is the base class for various *Requestor classes which each wrap a portion of the FreeClimb API. This class abstracts away the messiness that can be directly interacting with the API over HTTP to reduce code duplication in these child Requesters and ease their development.

Inheritance

System.Object

APIRequester

AccountsRequester

ApplicationsRequester

CallsRequester

ConferencesRequester

FreeClimbList

LogsRequester

MessagesRequester

AvailablePhoneNumbersRequester

CallingNumbersRequester

IncomingPhoneNumbersRequester

QueuesRequester

RecordingsRequester

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public class APIRequester
```

Constructors

APIRequester(String, String)

Create a new APIRequester.

Declaration

```
protected APIRequester(string credAccountId, string credAuthToken)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	credAccountId	The accountId to use to authenticate requests.
System.String	credAuthToken	The authToken to use to authenticate requests.

Fields

FREECLIMB_URL

The URL of the FreeClimb API

Declaration

```
protected static string FREECLIMB_URL
```

Field Value

TYPE	DESCRIPTION
System.String	

Properties

getAccountId

Retrieve accountId object value.

Declaration

```
protected string getAccountId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The accountId being used for authentication.

getAuthToken

Retrieve authToken object value.

Declaration

```
protected string getAuthToken { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The authToken being used for authentication.

GetFreeClimbUrl

Retrieve FreeClimb API Url object value.

Declaration

```
public string GetFreeClimbUrl { get; }
```

Property Value

TYPE	DESCRIPTION

TYPE	DESCRIPTION
System.String	The url being used for the FreeClimb API.

Methods

DELETE(String)

Make a HTTP DELETE request to the FreeClimb API.

Declaration

```
protected void DELETE(string path)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	path	The URI path to make a request to.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

GET(String)

Make an HTTP GET request to the FreeClimb API

Declaration

```
protected string GET(string path)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	path	The URI path to make a request to. This path may also contain GET query parameters.

Returns

TYPE	DESCRIPTION
System.String	A string containing the HTTP response body of the request.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

GET(String, IDictionary<String, String>)

Make an HTTP GET request to the FreeClimb API

Declaration

```
protected string GET(string path, IDictionary<string, string> query)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	path	The URI path to make a request to. This path may also contain GET query parameters.
System.Collections.Generic.IDictionary<System.String, System.String>	query	A Dictionary to use to build the GET query string.

Returns

TYPE	DESCRIPTION
System.String	A string containing the HTTP response body of the request.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

GETStream(String)

Make an HTTP GET request to the FreeClimb API.

Declaration

```
protected Stream GETStream(string path)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	path	The URI path to make a request to. This path may also contain GET query parameters.

Returns

TYPE	DESCRIPTION
System.IO.Stream	Raw Stream to read the response body from the request.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

GETStream(String, IDictionary<String, String>)

Make an HTTP GET request to the FreeClimb API

Declaration

```
protected Stream GETStream(string path, IDictionary<string, string> query)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	path	The URI path to make a request to. This path may also contain GET query parameters.
System.Collections.Generic.IDictionary<System.String, System.String>	query	A Dictionary to use to build the GET query string.

Returns

TYPE	DESCRIPTION
System.IO.Stream	Raw Stream to read the response body from the request.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

POST(String, String)

Make a HTTP POST request to the FreeClimb API.

Declaration

```
protected string POST(string path, string payload)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	path	The URI path to make a request to. This path may also contain GET query parameters.
System.String	payload	The JSON payload to send in the body of the request.

Returns

TYPE	DESCRIPTION
System.String	A string containing the HTTP response body of the request.

Exceptions

TYPE	CONDITION
[FreeClimbException]	Thrown upon failed request.

SetFreeClimbUrl(String)

Allows SDK developers to change which instance of the FreeClimb API that the APIRequester points to.

Declaration

```
protected void SetFreeClimbUrl(string newUrl)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	newUrl	The new URL to use in place of the default APIRequester.FREECLIMB_URL.

Class CommonFields

fields that are used across many different API request message bodies.

System.Object

CommonFields

[AccountOptions](#)

[ApplicationOptions](#)

[CallOrigOptions](#)

[CallTermOptions](#)

[ConferenceCreateOptions](#)

[ConferenceOptions](#)

[ParticipantOptions](#)

[LogSearchFilters](#)

[MessageOptions](#)

[CallingNumberOptions](#)

[IncomingPhoneNumberOptions](#)

[QueueMemberOptions](#)

[QueueOptions](#)

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public class CommonFields
```

Properties

getRequestId

get the requestId property from the current request object

Declaration

```
public string getRequestId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	

Methods

setRequestId(String)

sets the requestId property of the current request object

Declaration

```
public void setRequestId(string requestId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	requestId	

toDict()

Used to help properly serialize a request object. Need to return a dictionary containing all properties that are part of this class when a property has been set by the user of the class instance (request object). There is a flag that tells if the user set each corresponding property The flag property is only used on optional properties. If there is a required property, it should always be added to the dictionary

Declaration

```
protected IDictionary<string, object> toDict()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	

Class FreeClimbClient

The FreeClimbClient is the main way within the SDK to interact with the FreeClimb API. After creating a FreeClimbClient the user can use any of it's many APIRequesters to make requests to the API.

Syntax

```
public class FreeClimbClient
```

Constructors

FreeClimbClient(String, String)

This constructor allows one to create a FreeClimbClient that authenticates with one set of credentials and acts as that account.

Declaration

```
public FreeClimbClient(string credAccountId, string credAuthToken)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	credAccountId	The Account ID to use in your credentials for the FreeClimb API.
System.String	credAuthToken	The Auth Token to use in your credentials for the FreeClimb API. This should be the matching Auth Token to the credAccountId parameter.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

FreeClimbClient(String, String, String)

This constructor allows one to create a FreeClimbClient that authenticates with one set of credentials but acts as a second account (i.e. a sub account).

Declaration

```
public FreeClimbClient(string credAccountId, string credAuthToken, string accountId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	credAccountId	The Account ID to use in your credentials for the FreeClimb API.
System.String	credAuthToken	The Auth Token to use in your credentials for the FreeClimb API. This should be the matching Auth Token to the credAccountId parameter.
System.String	accountId	The Account ID of the account you want to act as. This should either be the same Account ID as credAccountId or the id of a sub-account to the credAccountId's account.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

Properties

getAccountId

Retrieve Account ID of the account that this client is acting as.

Declaration

```
public string getAccountId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	Account ID of the account that this client is acting as.

getAccountsRequester

Retrieve AccountsRequester object value.

Declaration

```
public AccountsRequester getAccountsRequester { get; }
```

Property Value

TYPE	DESCRIPTION
AccountsRequester	AccountsRequester instance.

getApplicationsRequester

Retrieve ApplicationRequester object value.

Declaration

```
public ApplicationsRequester getApplicationsRequester { get; }
```

Property Value

TYPE	DESCRIPTION
ApplicationsRequester	ApplicationRequester instance.

getAvailablePhoneNumbersRequester

Retrieve AvailablePhoneNumberRequester object value.

Declaration

```
public AvailablePhoneNumbersRequester getAvailablePhoneNumbersRequester { get; }
```

Property Value

TYPE	DESCRIPTION
AvailablePhoneNumbersRequester	AvailablePhoneNumberRequester instance.

getCallingNumbersRequester

Retrieve CallingNumberRequester object value.

Declaration

```
public CallingNumbersRequester getCallingNumbersRequester { get; }
```

Property Value

TYPE	DESCRIPTION
CallingNumbersRequester	CallingNumberRequester instance.

getCallsRequester

Retrieve CallsRequester object value.

Declaration

```
public CallsRequester getCallsRequester { get; }
```

Property Value

TYPE	DESCRIPTION
CallsRequester	CallsRequester instance.

getConferencesRequester

Retrieve ConferencesRequester object value.

Declaration

```
public ConferencesRequester getConferencesRequester { get; }
```

Property Value

TYPE	DESCRIPTION
ConferencesRequester	ConferencesRequester instance.

getCredAccountId

Retrieve account ID being used to authenticate with the API.

Declaration

```
public string getCredAccountId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	Account ID being used to authenticate with the API.

getCredAuthToken

Retrieve Auth Token being used to authenticate with the API.

Declaration

```
public string getCredAuthToken { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	Auth Token being used to authenticate with the API.

getIncomingPhoneNumbersRequester

Retrieve IncomingPhoneNumberRequester object value.

Declaration

```
public IncomingPhoneNumbersRequester getIncomingPhoneNumbersRequester { get; }
```

Property Value

TYPE	DESCRIPTION
IncomingPhoneNumbersRequester	IncomingPhoneNumberRequester instance.

getLogsRequester

Retrieve LogRequester object value.

Declaration

```
public LogsRequester getLogsRequester { get; }
```

Property Value

TYPE	DESCRIPTION
LogsRequester	LogRequester instance.

getMessagesRequester

Retrieve MessagesRequester object value.

Declaration

```
public MessagesRequester getMessagesRequester { get; }
```

Property Value

TYPE	DESCRIPTION
MessagesRequester	MessagesRequester instance.

getQueuesRequester

Retrieve QueuesRequester object value.

Declaration

```
public QueuesRequester getQueuesRequester { get; }
```

Property Value

TYPE	DESCRIPTION
QueuesRequester	QueuesRequester instance.

getRecordingsRequester

Retrieve RecordingsRequester object value.

Declaration

```
public RecordingsRequester getRecordingsRequester { get; }
```

Property Value

TYPE	DESCRIPTION
RecordingsRequester	RecordingsRequester instance.

Class FreeClimbCommon

FreeClimbCommon is the base class from which all classes that are built to represent objects returned from the FreeClimb API are built upon. A user of the SDK should never directly interact with a FreeClimbCommon object.

Inheritance

System.Object

FreeClimbCommon

[Account](#)

[Application](#)

[Call](#)

[Conference](#)

[Participant](#)

[Message](#)

[CallingNumber](#)

[IncomingPhoneNumber](#)

[Queue](#)

[Recording](#)

Implements

[IFreeClimbCommon](#)

System.IEquatable<[FreeClimbCommon](#)>

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class FreeClimbCommon : IFreeClimbCommon, IEquatable<FreeClimbCommon>
```

Properties

getDateCreated

Retrieve Time and date when this resource was created.

Declaration

```
public DateTime getDateCreated { get; }
```

Property Value

TYPE	DESCRIPTION
System.DateTime	Time and date when this resource was created.

getDateUpdated

Retrieve Time and date when this resource was last updated.

Declaration

```
public DateTime getDateUpdated { get; }
```

Property Value

TYPE	DESCRIPTION
System.DateTime	Time and date when this resource was last updated.

getRevision

Retrieve the number of revisions this object has undergone.

Declaration

```
public int getRevision { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The number of revisions this object has undergone.

getUri

Retrieve URI where this resource can be found.

Declaration

```
public string getUri { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	URI where this resource can be found.

Methods

Equal(FreeClimbCommon, FreeClimbCommon)

Helper method to deep compare two FreeClimbCommon instances.

Declaration

```
public static bool Equal(FreeClimbCommon a, FreeClimbCommon b)
```

Parameters

TYPE	NAME	DESCRIPTION
FreeClimbCommon	a	FreeClimbCommon instance one.

TYPE	NAME	DESCRIPTION
[FreeClimbCommon](#)	b	FreeClimbCommon instance two.

Returns

TYPE	DESCRIPTION
System.Boolean	True is a == b, otherwise false.

Equals(FreeClimbCommon)

Compares the current instance with another FreeClimbCommon object.

Declaration

```
public bool Equals(FreeClimbCommon other)
```

Parameters

TYPE	NAME	DESCRIPTION
[FreeClimbCommon](#)	other	FreeClimbCommon object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Equals(Object)

Compares the current instance with another object of the same type.

Declaration

```
public override bool Equals(object obj)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Object	obj	Object of type FreeClimbCommon.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Overrides

System.Object.Equals(System.Object)

GetHashCode()

Serves as the default hash function.

Declaration

```
public override int GetHashCode()
```

Returns

TYPE	DESCRIPTION
System.Int32	A hash code for the current object.

Overrides

System.Object.GetHashCode()

Operators

Equality(FreeClimbCommon, FreeClimbCommon)

FreeClimbCommon equality operator.

Declaration

```
public static bool operator ==(FreeClimbCommon a, FreeClimbCommon b)
```

Parameters

TYPE	NAME	DESCRIPTION
FreeClimbCommon	a	FreeClimbCommon object.
FreeClimbCommon	b	FreeClimbCommon object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if equal otherwise false.

Inequality(FreeClimbCommon, FreeClimbCommon)

FreeClimbCommon inequality operator.

Declaration

```
public static bool operator !=(FreeClimbCommon a, FreeClimbCommon b)
```

Parameters

TYPE	NAME	DESCRIPTION

TYPE	NAME	DESCRIPTION
FreeClimbCommon	a	FreeClimbCommon object.
FreeClimbCommon	b	FreeClimbCommon object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if not equal otherwise false.

Implements

IFreeClimbCommon

System.IEquatable<T>

Class FreeClimbConnectionException

This exception is thrown when the SDK runs into problems with establishing a connection with the FreeClimb API.

Inheritance

System.Object

System.Exception

[FreeClimbException](#)

FreeClimbConnectionException

Implements

System.Runtime.Serialization.ISerializable

System.Runtime.InteropServices._Exception

Inherited Members

System.Exception.GetBaseException()

System.Exception.ToString()

System.Exception.GetObjectData(System.Runtime.Serialization.SerializationInfo, System.Runtime.Serialization.StreamingContext)

System.Exception.GetType()

System.Exception.Message

System.Exception.Data

System.Exception.InnerException

System.Exception.TargetSite

System.Exception.StackTrace

System.Exception.HelpLink

System.Exception.Source

System.Exception.HResult

System.Exception.SerializeObjectState

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[Serializable]
public class FreeClimbConnectionException : FreeClimbException, ISerializable, _Exception
```

Constructors

FreeClimbConnectionException()

Initializes a new instance of the FreeClimbConnectionException class.

Declaration

```
public FreeClimbConnectionException()
```

FreeClimbConnectionException(String)

Initializes a new instance of the FreeClimbConnectionException class with a specified error message.

Declaration

```
public FreeClimbConnectionException(string message)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	message	The message that describes the error.

FreeClimbConnectionException(String, Exception)

Initializes a new instance of the FreeClimbConnectionException class with a specified error message and a reference to the inner exception that is the cause of this exception.

Declaration

```
public FreeClimbConnectionException(string message, Exception inner)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	message	The error message that explains the reason for the exception.
System.Exception	inner	The exception that is the cause of the current exception, or a null reference if no inner exception is specified.

Implements

System.Runtime.Serialization.ISerializable
System.Runtime.InteropServices._Exception

Class FreeClimbDateException

This exception is thrown when the SDK runs into problems parsing a date string.

Inheritance

System.Object

System.Exception

[FreeClimbException](#)

FreeClimbDateException

Implements

System.Runtime.Serialization.ISerializable

System.Runtime.InteropServices._Exception

Inherited Members

System.Exception.GetBaseException()

System.Exception.ToString()

System.Exception.GetObjectData(System.Runtime.Serialization.SerializationInfo, System.Runtime.Serialization.StreamingContext)

System.Exception.GetType()

System.Exception.Message

System.Exception.Data

System.Exception.InnerException

System.Exception.TargetSite

System.Exception.StackTrace

System.Exception.HelpLink

System.Exception.Source

System.Exception.HResult

System.Exception.SerializeObjectState

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[Serializable]
public class FreeClimbDateException : FreeClimbException, ISerializable, _Exception
```

Constructors

FreeClimbDateException(Int32, Int32, Int32)

Initializes a new instance of the FreeClimbDateException class with a specified year, month and day string.

Declaration

```
public FreeClimbDateException(int year, int month, int day)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	year	Year

TYPE	NAME	DESCRIPTION
System.Int32	month	Month
System.Int32	day	Day

FreeClimbDateException(String)

Initializes a new instance of the FreeClimbDateException class with a specified date string.

Declaration

```
public FreeClimbDateException(string date)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	date	The offending date string.

Implements

System.Runtime.Serialization.ISerializable

System.Runtime.InteropServices._Exception

Class FreeClimbError

The FreeClimbError represents the error messages that the FreeClimb API often replies with.

Inheritance

System.Object

FreeClimbError

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class FreeClimbError
```

Constructors

FreeClimbError(Int32, String, Int32, String)

Creates a FreeClimbError.

Declaration

```
public FreeClimbError(int status, string message, int code, string info)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	status	The HTTP status code for the response.
System.String	message	A descriptive message about the error.
System.Int32	code	A FreeClimb specific code about the error.
System.String	info	A URL to the relevant FreeClimb documentation.

Properties

getCode

Retrieve code value from object.

Declaration

```
public int getCode { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The code value of the object.

getInfo

Retrieve info value from object.

Declaration

```
public string getInfo { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The info value of the object.

getMessage

Retrieve message value from object.

Declaration

```
public string getMessage { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The message value of the object.

getStatus

Retrieve status value from object.

Declaration

```
public int getStatus { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The status value of the object.

Class FreeClimbErrorResponseException

This exception is thrown when the FreeClimb API responds with and HTTP error code to some user request.

Inheritance

System.Object

System.Exception

FreeClimbException

FreeClimbErrorResponseException

Implements

System.Runtime.Serialization.ISerializable

System.Runtime.InteropServices._Exception

Inherited Members

System.Exception.GetBaseException()

System.Exception.ToString()

System.Exception.GetObjectData(System.Runtime.Serialization.SerializationInfo, System.Runtime.Serialization.StreamingContext)

System.Exception.GetType()

System.Exception.Message

System.Exception.Data

System.Exception.InnerException

System.Exception.TargetSite

System.Exception.StackTrace

System.Exception.HelpLink

System.Exception.Source

System.Exception.HResult

System.Exception.SerializeObjectState

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[Serializable]
public class FreeClimbErrorResponseException : FreeClimbException, ISerializable, _Exception
```

Constructors

FreeClimbErrorResponseException(FreeClimbError)

Initializes a new instance of the FreeClimbErrorResponseException class with a specified string contents.

Declaration

```
public FreeClimbErrorResponseException(FreeClimbError pe)
```

Parameters

TYPE	NAME	DESCRIPTION
FreeClimbError	pe	FreeClimbError object.

FreeClimbErrorResponseException(Int32, String, Int32, String)

Initializes a new instance of the FreeClimbErrorResponseException class with a specified string contents.

Declaration

```
public FreeClimbErrorResponseException(int status, string message, int code, string info)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	status	Response status code
System.String	message	Response status description
System.Int32	code	Code
System.String	info	Message

Properties

getError

Returns intenral FreeClimbError object.

Declaration

```
public FreeClimbError getError { get; }
```

Property Value

TYPE	DESCRIPTION
FreeClimbError	Object representing the error payload returned from the FreeClimb API.

Implements

System.Runtime.Serialization.ISerializable
System.Runtime.InteropServices._Exception

Class FreeClimbException

Base FreeClimb exception class off of which all other exceptions in the SDK are based.

Inheritance

System.Object

System.Exception

FreeClimbException

FreeClimbConnectionException

FreeClimbDateException

FreeClimbErrorResponseException

FreeClimbSdkException

Implements

System.Runtime.Serialization.ISerializable

System.Runtime.InteropServices._Exception

Inherited Members

System.Exception.GetBaseException()

System.Exception.ToString()

System.Exception.GetObjectData(System.Runtime.Serialization.SerializationInfo, System.Runtime.Serialization.StreamingContext)

System.Exception.GetType()

System.Exception.Message

System.Exception.Data

System.Exception.InnerException

System.Exception.TargetSite

System.Exception.StackTrace

System.Exception.HelpLink

System.Exception.Source

System.Exception.HResult

System.Exception.SerializeObjectState

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[Serializable]
public class FreeClimbException : Exception, ISerializable, _Exception
```

Constructors

FreeClimbException()

Initializes a new instance of the FreeClimbException class.

Declaration

```
public FreeClimbException()
```

FreeClimbException(String)

Initializes a new instance of the FreeClimbException class with a specified error message.

```
public FreeClimbException(string message)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	message	The message that describes the error.

FreeClimbException(String, Exception)

Initializes a new instance of the FreeClimbException class with a specified error message and a reference to the inner exception that is the cause of this exception.

Declaration

```
public FreeClimbException(string message, Exception inner)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	message	The error message that explains the reason for the exception.
System.Exception	inner	The exception that is the cause of the current exception, or a null reference if no inner exception is specified.

Implements

System.Runtime.Serialization.ISerializable

System.Runtime.InteropServices._Exception

Class FreeClimbJSONException

Raised when there is a problem interpretting JSON or converting an object to JSON.

Inheritance

System.Object

System.Exception

FreeClimbJSONException

Implements

System.Runtime.Serialization.ISerializable

System.Runtime.InteropServices._Exception

Inherited Members

System.Exception.GetBaseException()

System.Exception.ToString()

System.Exception.GetObjectData(System.Runtime.Serialization.SerializationInfo, System.Runtime.Serialization.StreamingContext)

System.Exception.GetType()

System.Exception.Message

System.Exception.Data

System.Exception.InnerException

System.Exception.TargetSite

System.Exception.StackTrace

System.Exception.HelpLink

System.Exception.Source

System.Exception.HResult

System.Exception.SerializeObjectState

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[Serializable]
public class FreeClimbJSONException : Exception, ISerializable, _Exception
```

Constructors

FreeClimbJSONException(String)

Initializes a new instance of the FreeClimbJSONException class with a specified string contents.

Declaration

```
public FreeClimbJSONException(string message)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	message	Error Message

Implements

System.Runtime.Serialization.ISerializable
System.Runtime.InteropServices._Exception

Class FreeClimbList

Base class for representing a list of resources returned by the FreeClimb API. Resources are kept in an ArrayList which the user is given limited access to. Subclasses for each type of resource that can be returned in FreeClimb API's paginated lists should be made to wrap around this.

Inheritance

System.Object

APIRequester

FreeClimbList

ApplicationList

CallList

ConferenceList

ParticipantList

LogList

MessageList

AvailablePhoneNumberList

CallingNumberList

IncomingPhoneNumberList

QueueList

QueueMemberList

RecordingList

Inherited Members

APIRequester.FREECLIMB_URL

APIRequester.getAccountId

APIRequester.getAuthToken

APIRequester.GetFreeClimbUrl

APIRequester.SetFreeClimbUrl(String)

APIRequester.GET(String)

APIRequester.GET(String, IDictionary<String, String>)

APIRequester.GETStream(String)

APIRequester.GETStream(String, IDictionary<String, String>)

APIRequester.POST(String, String)

APIRequester.DELETE(String)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public abstract class FreeClimbList : APIRequester
```

Constructors

FreeClimbList(String, String, String, String)

Creates a FreeClimbList based on the JSON list returned by the FreeClimb API (rawPage).

Declaration

```
protected FreeClimbList(string accountId, string authToken, string rawPage, string listField)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	accountId	The accountId to use for credentials with the FreeClimb API when pulling new pages of the list.
System.String	authToken	The authToken to use for credentials with the FreeClimb API when pulling new pages of the list.
System.String	rawPage	The JSON string representing the first page of the list.
System.String	listField	The name of the array of resources within the raw JSON list. For example, for lists of Call resources the field is called "calls" and for Queues it's called "queues".

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

Properties

getLocalSize

Retrieve the size of the underlying List.

Declaration

```
public int getLocalSize { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The size of the underlying List.

getTotalSize

Retrieve total size of the results list including what is still in non-downloaded pages.

Declaration

```
public int getTotalSize { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	Total size of the results list including what is still in non-downloaded pages.

Methods

buildFromJson(String)

Update the FreeClimbList with the data from the provided next page.

Declaration

```
protected void buildFromJson(string rawPage)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawPage	The raw JSON string representing a page of a list.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon failed to parse.

constructElement(String)

Method that should be implemented with code to build the type of resource that a subclass represents.

Declaration

```
protected abstract IFreeClimbCommon constructElement(string element)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	element	A JSON string representing a FreeClimb object.

Returns

TYPE	DESCRIPTION
IFreeClimbCommon	An equivalent object to the one represented by the inputted JSON string.

export()

Retrieve copy of the underlying list.

Declaration

```
public LinkedList<IFreeClimbCommon> export()
```

Returns

TYPE	DESCRIPTION

TYPE	DESCRIPTION
System.Collections.Generic.LinkedList<IFreeClimbCommon>	Copy of the underlying list.

get(Int32)

Retrieve the ith item in the local list.

Declaration

```
public IFreeClimbCommon get(int i)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	i	List index.

Returns

TYPE	DESCRIPTION
IFreeClimbCommon	The ith item in the local list.

loadNextPage()

Loads the next page of the list into the local array

Declaration

```
public void loadNextPage()
```

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon failed request.

Interface IFreeClimbCommon

Generic FreeClimbCommon interface

Namespace: com.freeclimb.api

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public interface IFreeClimbCommon
```

Namespace com.freeclimb.api.account

Classes

Account

This class represents a FreeClimb Account instance. These primarily come from AccountRequester inside a FreeClimbClient instance. A master account is created using the FreeClimb Portal, but subaccounts can be created with the API

AccountOptions

The class represents the common account update optional fields.

AccountsRequester

This class represents the set of wrappers around the FreeClimb Account API. It provides methods to handle all the operations supported by the FreeClimb Account API.

Enums

Account.SubresourceUri

This enumeration represents the various possible predefined values of the Account.SubresourceUri field.

Class Account

This class represents a FreeClimb Account instance. These primarily come from AccountRequester inside a FreeClimbClient instance. A master account is created using the FreeClimb Portal, but subaccounts can be created with the API

Inheritance

System.Object

FreeClimbCommon

Account

Implements

IFreeClimbCommon

System.IEquatable<FreeClimbCommon>

System.IEquatable<Account>

Inherited Members

FreeClimbCommon.getUri

FreeClimbCommon.getDateCreated

FreeClimbCommon.getDateUpdated

FreeClimbCommon.getRevision

FreeClimbCommon.Equal(FreeClimbCommon, FreeClimbCommon)

FreeClimbCommon.Equals(FreeClimbCommon)

System.Object.ToString()

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.account

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class Account : FreeClimbCommon, IFreeClimbCommon, IEquatable<FreeClimbCommon>,
IEquatable<Account>
```

Properties

getAccountId

Retrieve the accountId for this account from the object.

Declaration

```
public string getAccountId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The accountId for this account.

getAlias

Retrieve the alias for this account from the object.

Declaration

```
public string getAlias { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The alias for this account.

getAuthToken

Retrieve the authToken for this account from the object.

```
public string getAuthToken { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The authToken for this account.

getLabel

Retrieve the label for this account from the object.

Declaration

```
public string getLabel { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The label for this account.

getStatus

Retrieve the status for this account from the object.

Declaration

```
public EAccountStatus getStatus { get; }
```

Property Value

TYPE	DESCRIPTION
[EAccountStatus](#)	The status for this account.

getSubresourceUris

Retrieve the subresourceUris for this account from the object.

Declaration

```
public Dictionary<Account.SubresourceUri, string> getSubresourceUris { get; }
```

Property Value

TYPE	DESCRIPTION
System.Collections.Generic.Dictionary<Account.SubresourceUri, System.String>	The subresourceUris for this account.

getType

Retrieve the type for this account from the object.

Declaration

```
public EAccountType getType { get; }
```

Property Value

TYPE	DESCRIPTION
EAccountType	The type for this account.

Methods

Equal(Account, Account)

Helper method to deep compare two Account instances.

Declaration

```
public static bool Equal(Account a, Account b)
```

Parameters

TYPE	NAME	DESCRIPTION
Account	a	Account instance one.
Account	b	Account instance two.

Returns

TYPE	DESCRIPTION
System.Boolean	True is a == b, otherwise false.

Equals(Account)

Compares the current instance with another Account object.

Declaration

```
public bool Equals(Account other)
```

Parameters

TYPE	NAME	DESCRIPTION
Account	other	Account object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Equals(Object)

Compares the current instance with another object of the same type.

Declaration

```
public override bool Equals(object obj)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Object	obj	Object of type Account.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Overrides

[FreeClimbCommon.Equals(Object)](#)

fromJson(String)

Helper method to build an Account object from the JSON string.

Declaration

```
public static Account fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing an Account instance.

Returns

TYPE	DESCRIPTION

TYPE	DESCRIPTION
Account	An Account object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

GetHashCode()

Serves as the default hash function.

Declaration

```
public override int GetHashCode()
```

Returns

TYPE	DESCRIPTION
System.Int32	A hash code for the current object.

Overrides

FreeClimbCommon.GetHashCode()

Operators

Equality(Account, Account)

Account equality operator.

Declaration

```
public static bool operator ==(Account a, Account b)
```

Parameters

TYPE	NAME	DESCRIPTION
Account	a	Account object.
Account	b	Account object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if equal otherwise false.

Inequality(Account, Account)

Account inequality operator.

```
public static bool operator !=(Account a, Account b)
```

TYPE	NAME	DESCRIPTION
Account	a	Account object.
Account	b	Account object.

TYPE	DESCRIPTION
System.Boolean	true if not equal otherwise false.

Implements

IFreeClimbCommon

System.IEquatable<T>

System.IEquatable<T>

Enum Account.SubresourceUri

This enumeration represents the various possible predefined values of the Account.SubresourceUri field.

Namespace: com.freeclimb.api.account

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum SubresourceUri
```

Fields

NAME	DESCRIPTION
Applications	
AvailablePhoneNumbers	
CallingNumbers	
Calls	
Conferences	
IncomingPhoneNumbers	
Logs	
Queues	
Recordings	

Class AccountOptions

The class represents the common account update optional fields.

Inheritance

System.Object

[CommonFields](#)

AccountOptions

Inherited Members

[CommonFields.getRequestId](#)

[CommonFields.setRequestId(String)](#)

[CommonFields.toDict()](#)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.account

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public class AccountOptions : CommonFields
```

Properties

getAlias

Retrieve the alias value.

Declaration

```
public string getAlias { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The alias value of the object.

getLabel

Retrieve the label value.

Declaration

```
public string getLabel { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The label value of the object.

getStatus

Retrieve the status value.

Declaration

```
public EAccountStatus getStatus { get; }
```

Property Value

TYPE	DESCRIPTION
EAccountStatus	The status value of the object.

Methods

fromJson(String)

Helper method to build an AccountOptions object from the JSON string.

Declaration

```
public static AccountOptions fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing an AccountOptions instance.

Returns

TYPE	DESCRIPTION
AccountOptions	An AccountOptions object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

setAlias(String)

Sets the alias value.

Declaration

```
public void setAlias(string val)
```

Parameters

TYPE	NAME	DESCRIPTION

TYPE	NAME	DESCRIPTION
System.String	val	alias value.

setLabel(String)

Sets the label value.

Declaration

```
public void setLabel(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	label value.

setStatus(EAccountStatus)

Sets the status value.

Declaration

```
public void setStatus(EAccountStatus val)
```

Parameters

TYPE	NAME	DESCRIPTION
[EAccountStatus](#)	val	status value.

toJson()

Helper method to build a JSON string from an AccountOptions instance.

Declaration

```
public string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the AccountOptions instance.

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

Class AccountsRequester

This class represents the set of wrappers around the FreeClimb Account API. It provides methods to handle all the operations supported by the FreeClimb Account API.

Inheritance

System.Object

[APIRequester](#)

AccountsRequester

Inherited Members

[APIRequester.FREECLIMB_URL](#)

[APIRequester.getAccountId](#)

[APIRequester.getAuthToken](#)

[APIRequester.GetFreeClimbUrl](#)

[APIRequester.SetFreeClimbUrl(String)](#)

[APIRequester.GET(String)](#)

[APIRequester.GET(String, IDictionary<String, String>)](#)

[APIRequester.GETStream(String)](#)

[APIRequester.GETStream(String, IDictionary<String, String>)](#)

[APIRequester.POST(String, String)](#)

[APIRequester.DELETE(String)](#)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.account

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public class AccountsRequester : APIRequester
```

Constructors

AccountsRequester(String, String)

Creates an AccountRequester. For most SDK users AccountRequester will be created automatically by the FreeClimbClient but is available for more users who only require the features in this specific requester and not the rest of the features of the FreeClimbClient.

Declaration

```
public AccountsRequester(string credAccountId, string credAuthToken)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	credAccountId	The accountId to use as authentication credentials in the HTTP Basic Auth header for requests made by this requester.

TYPE	NAME	DESCRIPTION
System.String	credAuthToken	The authToken to use as authentication credentials in the HTTP Basic Auth header for requests made by this requester.

Properties

getPath

Retrieve path object value.

Declaration

```
public string getPath { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The base path used for the FreeClimb API.

Methods

delete(String)

Delete a FreeClimb account.

Declaration

```
public void delete(string accountId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	accountId	The accountId of the target account.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

get(String)

Retrieve a single account from FreeClimb.

Declaration

```
public Account get(string accountId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	accountId	The accountId of the target account.

Returns

TYPE	DESCRIPTION
[Account](#)	The account matching the accountId provided.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

update(String, AccountOptions)

Update a single account.

Declaration

```
public Account update(string accountId, AccountOptions options = null)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	accountId	The accountId of the target account.
[AccountOptions](#)	options	Optional AccountOptions instance to be used when updating an account.

Returns

TYPE	DESCRIPTION
[Account](#)	The updated account matching the accountId provided.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

Namespace com.freeclimb.api.application

Classes

Application

This class represents a FreeClimb Application instance. Application objects can be created by the ApplicationRequester inside a FreeClimbClient instance, or using the portal.

ApplicationList

Represents a paginated list of FreeClimb Application instances. This object will be automatically created by ApplicationsRequester.

ApplicationOptions

The class represents the common application optional fields to use when updating and creating applications.

ApplicationsRequester

This class represents the set of wrappers around the FreeClimb Application API. It provides methods to handle all the operations supported by the FreeClimb Application API.

ApplicationsSearchFilters

The class represents the applications search fields which can be passed retrieving a list of applications.

Class Application

This class represents a FreeClimb Application instance. Application objects can be created by the ApplicationRequester inside a FreeClimbClient instance, or using the portal.

Syntax

```
public class Application : FreeClimbCommon, IFreeClimbCommon, IEquatable<FreeClimbCommon>,
IEquatable<Application>
```

Remarks

Applications are immutable and intended only to be used to read information returned from the API in a language accessible way.

Properties

getAccountId

Retrieve the accountId for this application from the object.

Declaration

```
public string getAccountId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The accountId for this application.

getAlias

Retrieve the alias for this application from the object.

Declaration

```
public string getAlias { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The alias for this application.

getApplicationId

Retrieve the applicationId for this application from the object.

Declaration

```
public string getApplicationId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The applicationId for this application.

getCallConnectUrl

Retrieve the callConnectUrl for this application from the object.

Declaration

```
public string getCallConnectUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The callConnectUrl for this application.

getSmsFallbackUrl

Retrieve the smsFallbackUrl for this application from the object.

Declaration

```
public string getSmsFallbackUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The smsFallbackUrl for this application.

getSmsUrl

Retrieve the smsUrl for this application from the object.

Declaration

```
public string getSmsUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The smsUrl for this application.

getStatusCallbackUrl

Retrieve the statusCallbackUrl for this application from the object.

Declaration

```
public string getStatusCallbackUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The statusCallbackUrl for this application.

getVoiceFallbackUrl

Retrieve the voiceFallbackUrl for this application from the object.

Declaration

```
public string getVoiceFallbackUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The voiceFallbackUrl for this application.

getVoiceUrl

Retrieve the voiceUrl for this application from the object.

Declaration

```
public string getVoiceUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The voiceUrl for this application.

Methods

Equal(Application, Application)

Helper method to deep compare two Application instances.

Declaration

```
public static bool Equal(Application a, Application b)
```

Parameters

TYPE	NAME	DESCRIPTION
Application	a	Application instance one.
Application	b	Application instance two.

Returns

TYPE	DESCRIPTION
System.Boolean	True is a == b, otherwise false.

Equals(Application)

Compares the current instance with another object of the same type.

Declaration

```
public bool Equals(Application other)
```

Parameters

TYPE	NAME	DESCRIPTION
Application	other	Application object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Equals(Object)

Compares the current instance with another object of the same type.

Declaration

```
public override bool Equals(object obj)
```

Parameters

TYPE	NAME	DESCRIPTION

TYPE	NAME	DESCRIPTION
System.Object	obj	Object of type Application.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Overrides

[FreeClimbCommon.Equals(Object)](#)

fromJson(String)

Helper method to build an Application object from the JSON string.

Declaration

```
public static Application fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing an application instance.

Returns

TYPE	DESCRIPTION
[Application](#)	An Application object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

GetHashCode()

Serves as the default hash function.

Declaration

```
public override int GetHashCode()
```

Returns

TYPE	DESCRIPTION

TYPE	DESCRIPTION
System.Int32	A hash code for the current object.

Overrides

FreeClimbCommon.GetHashCode()

Operators

Equality(Application, Application)

Application equality operator.

Declaration

```
public static bool operator ==(Application a, Application b)
```

Parameters

TYPE	NAME	DESCRIPTION
Application	a	Application object.
Application	b	Application object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if equal otherwise false.

Inequality(Application, Application)

Application inequality operator.

Declaration

```
public static bool operator !=(Application a, Application b)
```

Parameters

TYPE	NAME	DESCRIPTION
Application	a	Application object.
Application	b	Application object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if not equal otherwise false.

Implements

IFreeClimbCommon

System.IEquatable<T>

System.IEquatable<T>

Class ApplicationList

Represents a paginated list of FreeClimb Application instances. This object will be automatically created by ApplicationsRequester.

Namespace: com.freeclimb.api.application

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public sealed class ApplicationList : FreeClimbList
```

Constructors

ApplicationList(String, String, String)

Creates a new ApplicationList.

Declaration

```
public ApplicationList(string accountId, string authToken, string rawPage)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	accountId	The accountId to use in requests for subsequent pages.
System.String	authToken	The authToken to use in requests for subsequent pages.
System.String	rawPage	The raw JSON string representing a page of an applications list from the FreeClimb API.

Methods

constructElement(String)

Used by ApplicationList to create Application objects from the JSON list.

Declaration

```
protected override IFreeClimbCommon constructElement(string element)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	element	A JSON string representing a FreeClimb application instance.

Returns

TYPE	DESCRIPTION
IFreeClimbCommon	An equivalent application object to the one represented by the inputted JSON string.

Overrides

FreeClimbList.constructElement(String)

Class ApplicationOptions

The class represents the common application optional fields to use when updating and creating applications.

System.Object

CommonFields

ApplicationOptions

CommonFields.getRequestId

CommonFields.setRequestId(String)

CommonFields.toDict()

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.application

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class ApplicationOptions : CommonFields
```

Properties

getAlias

Retrieve the alias value.

Declaration

```
public string getAlias { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The alias value of the object.

getCallConnectUrl

Retrieve the callConnectUrl value.

Declaration

```
public string getCallConnectUrl { get; }
```

Property Value

TYPE	DESCRIPTION

TYPE	DESCRIPTION
System.String	The callConnectUrl value of the object.

getSmsFallbackUrl

Retrieve the smsFallbackUrl value.

Declaration

```
public string getSmsFallbackUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The smsFallbackUrl value of the object.

getSmsUrl

Retrieve the smsUrl value.

Declaration

```
public string getSmsUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The smsUrl value of the object.

getStatusCallbackUrl

Retrieve the statusCallbackUrl value.

Declaration

```
public string getStatusCallbackUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The statusCallbackUrl value of the object.

getVoiceFallbackUrl

Retrieve the voiceFallbackUrl value.

Declaration

```
public string getVoiceFallbackUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The voiceFallbackUrl value of the object.

getVoiceUrl

Retrieve the voiceUrl value.

Declaration

```
public string getVoiceUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The voiceUrl value of the object.

Methods

fromJson(String)

Helper method to build an ApplicationOptions object from the JSON string.

Declaration

```
public static ApplicationOptions fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing an ApplicationOptions instance.

Returns

TYPE	DESCRIPTION
ApplicationOptions	An ApplicationOptions object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

setAlias(String)

Sets the alias object value.

Declaration

```
public void setAlias(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	alias value.

setCallConnectUrl(String)

Sets the callConnectUrl object value.

Declaration

```
public void setCallConnectUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	callConnectUrl value.

setSmsFallbackUrl(String)

Sets the smsFallbackUrl object value.

Declaration

```
public void setSmsFallbackUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	smsFallbackUrl value.

setSmsUrl(String)

Sets the smsUrl object value.

Declaration

```
public void setSmsUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	smsUrl value.

setStatusCallbackUrl(String)

Sets the statusCallbackUrl object value.

Declaration

```
public void setStatusCallbackUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	statusCallbackUrl value.

setVoiceFallbackUrl(String)

Sets the voiceFallbackUrl object value.

Declaration

```
public void setVoiceFallbackUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	voiceFallbackUrl value.

setVoiceUrl(String)

Sets the voiceUrl object value.

Declaration

```
public void setVoiceUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	voiceUrl value.

toJson()

Helper method to build a JSON string from an ApplicationOptions instance.

Declaration

```
public virtual string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the ApplicationOptions instance.

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

Class ApplicationsRequester

This class represents the set of wrappers around the FreeClimb Application API. It provides methods to handle all the operations supported by the FreeClimb Application API.

Inheritance

System.Object

[APIRequester](#)

ApplicationsRequester

Inherited Members

[APIRequester.FREECLIMB_URL](#)

[APIRequester.getAccountId](#)

[APIRequester.getAuthToken](#)

[APIRequester.GetFreeClimbUrl](#)

[APIRequester.SetFreeClimbUrl(String)](#)

[APIRequester.GET(String)](#)

[APIRequester.GET(String, IDictionary<String, String>)](#)

[APIRequester.GETStream(String)](#)

[APIRequester.GETStream(String, IDictionary<String, String>)](#)

[APIRequester.POST(String, String)](#)

[APIRequester.DELETE(String)](#)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.application

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public class ApplicationsRequester : APIRequester
```

Constructors

ApplicationsRequester(String, String, String)

Creates an ApplicationsRequester. For most SDK users ApplicationsRequester will be created automatically by the FreeClimbClient but is available for more users who only require the features in this specific requester and not the rest of the features of the FreeClimbClient.

Declaration

```
public ApplicationsRequester(string credAccountId, string credAuthToken, string accountId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	credAccountId	The accountId to use as authentication credentials in the HTTP Basic Auth header for requests made by this requester.

TYPE	NAME	DESCRIPTION
System.String	credAuthToken	The authToken to use as authentication credentials in the HTTP Basic Auth header for requests made by this requester.
System.String	accountId	The accountId to act as. This can be the same as the credAccountId or the accountId of a subaccount of the credAccountId.

Properties

getPath

Retrieve path object value.

Declaration

```
public string getPath { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The base path used for the FreeClimb API.

Methods

create(ApplicationOptions)

Create a new application through the FreeClimb API

Declaration

```
public Application create(ApplicationOptions options = null)
```

Parameters

TYPE	NAME	DESCRIPTION
ApplicationOptions	options	Optional ApplicationOptions instance to be used when creating an application.

Returns

TYPE	DESCRIPTION
Application	An Application object returned by FreeClimb that represents the application that was created.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

delete(String)

Delete a FreeClimb application.

Declaration

```
public void delete(string applicationId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	applicationId	The applicationId of the target application.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

get(ApplicationsSearchFilters)

Retrieve a list of applications from FreeClimb.

Declaration

```
public ApplicationList get(ApplicationsSearchFilters filters = null)
```

Parameters

TYPE	NAME	DESCRIPTION
ApplicationsSearchFilters	filters	Optional ApplicationsSearchFilters instance to filter list of applications.

Returns

TYPE	DESCRIPTION
ApplicationList	An in-language representation of FreeClimb's paginated list response.This will be a paginated list of application instances as returned by the FreeClimb API.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

get(String)

Retrieve a single application from FreeClimb.

Declaration

```
public Application get(string appId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	appId	The applicationId of the target application.

Returns

TYPE	DESCRIPTION
[Application](#)	The application matching the appId provided.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

update(String, ApplicationOptions)

Update a single application.

Declaration

```
public Application update(string applicationId, ApplicationOptions options = null)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	applicationId	The applicationId of the target application.
[ApplicationOptions](#)	options	Optional ApplicationOptions instance to be used when updating an application.

Returns

TYPE	DESCRIPTION
[Application](#)	The updated application matching the applicationId provided.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

Class ApplicationsSearchFilters

The class represents the applications search fields which can be passed retrieving a list of applications.

Inheritance

System.Object

ApplicationsSearchFilters

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.application

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class ApplicationsSearchFilters
```

Properties

getAlias

Retrieve the alias value.

Declaration

```
public string getAlias { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The alias value of the object.

Methods

fromJson(String)

Helper method to build an ApplicationsSearchFilters object from the JSON string.

Declaration

```
public static ApplicationsSearchFilters fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing an ApplicationsSearchFilters instance.

Returns

TYPE	DESCRIPTION
ApplicationsSearchFilters	An ApplicationsSearchFilters object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

setAlias(String)

Sets the alias object value.

Declaration

```
public void setAlias(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	alias value.

toDict()

Retrieve the KVP Dictionary for the ApplicationsSearchFilters instance.

Declaration

```
public IDictionary<string, string> toDict()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.String>	KVP Dictionary

toJson()

Helper method to build a JSON string from an ApplicationsSearchFilters instance.

Declaration

```
public virtual string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the ApplicationsSearchFilters instance.

Exceptions

T Y P E	C O N D I T I O N
FreeClimbJSONException	Thrown upon deserialize failure.

Namespace com.freeclimb.api.call

Classes

Call

This class represents a FreeClimb Call instance. Call objects are created by the SDK whenever a call instance would be returned by the API; these primarily come from CallsRequester inside a FreeClimbClient instance.

CallList

Represents a paginated list of FreeClimb Call instances. This object will be automatically created by CallsRequester.

CallOrigOptions

The class represents the common optional fields which can be passed originating a call.

CallsRequester

This class represents the set of wrappers around the FreeClimb Calls API. It provides methods to handle all the operations supported by the FreeClimb Calls API.

CallsSearchFilters

The class represents the calls search fields which can be passed retrieving a list of calls.

CallTermOptions

The class represents the common optional fields which can be passed terminating a call.

Enums

Call.SubresourceUri

This enumeration represents the various possible predefined values of the Call.SubresourceUri field.

Class Call

This class represents a FreeClimb Call instance. Call objects are created by the SDK whenever a call instance would be returned by the API; these primarily come from CallsRequester inside a FreeClimbClient instance.

Inheritance

System.Object

FreeClimbCommon

Call

Implements

IFreeClimbCommon

System.IEquatable<FreeClimbCommon>

System.IEquatable<Call>

Inherited Members

FreeClimbCommon.getUri

FreeClimbCommon.getDateCreated

FreeClimbCommon.getDateUpdated

FreeClimbCommon.getRevision

FreeClimbCommon.Equal(FreeClimbCommon, FreeClimbCommon)

FreeClimbCommon.Equals(FreeClimbCommon)

System.Object.ToString()

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.call

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class Call : FreeClimbCommon, IFreeClimbCommon, IEquatable<FreeClimbCommon>, IEquatable<Call>
```

Remarks

Calls are immutable and intended only to be used to read information returned from the API in a language accessible way.

Properties

getAccountId

Retrieve the accountId for this call from the object.

Declaration

```
public string getAccountId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The accountId for this call.

getAnsweredBy

Retrieve the answeredBy value for this call from the object.

Declaration

```
public EAnsweredBy getAnsweredBy { get; }
```

Property Value

TYPE	DESCRIPTION
EAnsweredBy	The answeredBy value for this call.

getCallerName

Retrieve the name of the caller for this call from the object.

Declaration

```
public string getCallerName { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The name of the caller for this call.

getCallId

Retrieve the callId for this call from the object.

Declaration

```
public string getCallId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The callId for this call.

getConnectDuration

Retrieve the connect Duration for this call from the object.

Declaration

```
public int getConnectDuration { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The connectDuration for this call.

getConnectTime

Retrieve the connectTime for this call from the object.

```
public DateTime getConnectTime { get; }
```

Property Value

TYPE	DESCRIPTION
System.DateTime	The connectTime for this call.

getDirection

Retrieve the direction of this call from the object.

Declaration

```
public EDirection getDirection { get; }
```

Property Value

TYPE	DESCRIPTION
EDirection	The direction of this call.

getDurationSec

Retrieve the duration, in seconds, for this call from the object.

Declaration

```
public int getDurationSec { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The duration for this call in seconds.

getEndTime

Retrieve the end time for this call from the object.

Declaration

```
public DateTime getEndTime { get; }
```

Property Value

TYPE	DESCRIPTION
System.DateTime	The end time for this call.

getFrom

Retrieve the from number (ANI) for this call from the object.

Declaration

```
public string getFrom { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The from number (ANI) for this call.

getParentCallId

Retrieve the parentCallId for this call from the object.

Declaration

```
public string getParentCallId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The parentCallId for this call.

getPhoneNumberId

Retrieve the phoneNumberId for this call the object.

Declaration

```
public string getPhoneNumberId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The phoneNumberId for this call.

getStartTime

Retrieve the start time for this call from the object.

Declaration

```
public DateTime getStartTime { get; }
```

Property Value

TYPE	DESCRIPTION
System.DateTime	The start time for this call.

getStatus

Retrieve the status for this call from the object.

Declaration

```
public ECallStatus getStatus { get; }
```

Property Value

TYPE	DESCRIPTION
ECallStatus	The status for this call.

getSubresourceUris

Retrieve the subresourceUris for this call from the object.

Declaration

```
public Dictionary<Call.SubresourceUri, string> getSubresourceUris { get; }
```

Property Value

TYPE	DESCRIPTION
System.Collections.Generic.Dictionary<Call.SubresourceUri, System.String>	The subresourceUris for this call.

getTo

Retrieve the to number (DNIS) for this call from the object.

Declaration

```
public string getTo { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The to number (DNIS) for this call.

Methods

Equal(Call, Call)

Helper method to deep compare two Call instances.

Declaration

```
public static bool Equal(Call a, Call b)
```

Parameters

TYPE	NAME	DESCRIPTION
Call	a	Call instance one.

TYPE	NAME	DESCRIPTION
Call	b	Call instance two.

Returns

TYPE	DESCRIPTION
System.Boolean	True is a == b, otherwise false.

Equals(Call)

Compares the current instance with another Call object.

Declaration

```
public bool Equals(Call other)
```

Parameters

TYPE	NAME	DESCRIPTION
Call	other	Call object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Equals(Object)

Compares the current instance with another object of the same type.

Declaration

```
public override bool Equals(object obj)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Object	obj	Object of type Call.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Overrides

fromJson(String)

Helper method to build a Call object from the JSON string.

Declaration

```
public static Call fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a Call instance.

Returns

TYPE	DESCRIPTION
Call	A Call object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

GetHashCode()

Serves as the default hash function.

Declaration

```
public override int GetHashCode()
```

Returns

TYPE	DESCRIPTION
System.Int32	A hash code for the current object.

Overrides

FreeClimbCommon.GetHashCode()

Operators

Equality(Call, Call)

Call equality operator.

Declaration

```
public static bool operator ==(Call a, Call b)
```

Parameters

TYPE	NAME	DESCRIPTION
Call	a	Call object.
Call	b	Call object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if equal otherwise false.

Inequality(Call, Call)

Call inequality operator.

Declaration

```
public static bool operator !=(Call a, Call b)
```

Parameters

TYPE	NAME	DESCRIPTION
Call	a	Call object.
Call	b	Call object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if not equal otherwise false.

Implements

IFreeClimbCommon
System.IEquatable<T>
System.IEquatable<T>

Enum Call.SubresourceUri

This enumeration represents the various possible predefined values of the Call.SubresourceUri field.

Namespace: com.freeclimb.api.call

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum SubresourceUri
```

Fields

NAME	DESCRIPTION
Logs	
Notifications	
Recordings	

Class CallList

Represents a paginated list of FreeClimb Call instances. This object will be automatically created by CallsRequester.

Inheritance

System.Object

APIRequester

FreeClimbList

CallList

Inherited Members

FreeClimbList.getTotalSize

FreeClimbList.getLocalSize

FreeClimbList.get(Int32)

FreeClimbList.export()

FreeClimbList.loadNextPage()

FreeClimbList.buildFromJson(String)

APIRequester.FREECLIMB_URL

APIRequester.getAccountId

APIRequester.getAuthToken

APIRequester.GetFreeClimbUrl

APIRequester.SetFreeClimbUrl(String)

APIRequester.GET(String)

APIRequester.GET(String, IDictionary<String, String>)

APIRequester.GETStream(String)

APIRequester.GETStream(String, IDictionary<String, String>)

APIRequester.POST(String, String)

APIRequester.DELETE(String)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.call

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public sealed class CallList : FreeClimbList
```

Constructors

CallList(String, String, String)

Creates a new CallList.

Declaration

```
public CallList(string accountId, string authToken, string rawPage)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	accountId	The accountId to use in requests for subsequent pages.
System.String	authToken	The authToken to use in requests for subsequent pages.
System.String	rawPage	The raw JSON string representing a page of a calls list from the FreeClimb API.

Methods

constructElement(String)

Used by CallList to create Call objects from the JSON list.

Declaration

```
protected override IFreeClimbCommon constructElement(string element)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	element	A JSON string representing a FreeClimb call instance.

Returns

TYPE	DESCRIPTION
[IFreeClimbCommon](#)	An equivalent call object to the one represented by the inputted JSON string.

Overrides

[FreeClimbList.constructElement(String)](#)

Class CallOrigOptions

The class represents the common optional fields which can be passed originating a call.

Inheritance

System.Object

[CommonFields](#)

CallOrigOptions

Inherited Members

[CommonFields.getRequestId](#)

[CommonFields.setRequestId(String)](#)

[CommonFields.toDict()](#)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.call

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class CallOrigOptions : CommonFields
```

Fields

DEFAULT_CALL_TIMEOUT_SEC

Constant default call timeout value.

Declaration

```
public const uint DEFAULT_CALL_TIMEOUT_SEC = 30U
```

Field Value

TYPE	DESCRIPTION
System.UInt32	

Properties

getIfMachine

Retrieve the ifMachine value.

Declaration

```
public EIfMachine getIfMachine { get; }
```

Property Value

TYPE	DESCRIPTION

TYPE	DESCRIPTION
[EIfMachine](#)	The ifMachine value of the object.

getParentCallId

Retrieve the parentCallId value.

Declaration

```
public string getParentCallId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The parentCallId value of the object.

getSendDigits

Retrieve the sendDigits value.

Declaration

```
public string getSendDigits { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The sendDigits value of the object.

getTimeout

Retrieve the timeout value.

Declaration

```
public uint getTimeout { get; }
```

Property Value

TYPE	DESCRIPTION
System.UInt32	The timeout value of the object.

Methods

fromJson(String)

Helper method to build a CallOrigOptions object from the JSON string.

Declaration

```
public static CallOrigOptions fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a CallOrigOptions instance.

Returns

TYPE	DESCRIPTION
[CallOrigOptions](#)	A CallOrigOptions object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

setIfMachine(EIfMachine)

Sets the ifMachine object value.

Declaration

```
public void setIfMachine(EIfMachine val)
```

Parameters

TYPE	NAME	DESCRIPTION
[EIfMachine](#)	val	ifMachine value.

setParentCallId(String)

Sets the parentCallId object value.

Declaration

```
public void setParentCallId(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	parentCallId value.

setSendDigits(String)

Sets the sendDigits object value.

Declaration

```
public void setSendDigits(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	sendDigits value.

setTimeout(UInt32)

Sets the timeout object value.

Declaration

```
public void setTimeout(uint val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.UInt32	val	timeout value.

toJson()

Helper method to build a JSON string from a CallOrigOptions instance.

Declaration

```
public virtual string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the CallOrigOptions instance.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Class CallsRequester

This class represents the set of wrappers around the FreeClimb Calls API. It provides methods to handle all the operations supported by the FreeClimb Calls API.

Inheritance

System.Object

[APIRequester](#)

CallsRequester

Inherited Members

[APIRequester.FREECLIMB_URL](#)

[APIRequester.GetFreeClimbUrl](#)

[APIRequester.SetFreeClimbUrl(String)](#)

[APIRequester.GET(String)](#)

[APIRequester.GET(String, IDictionary<String, String>)](#)

[APIRequester.GETStream(String)](#)

[APIRequester.GETStream(String, IDictionary<String, String>)](#)

[APIRequester.POST(String, String)](#)

[APIRequester.DELETE(String)](#)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.call

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public sealed class CallsRequester : APIRequester
```

Constructors

CallsRequester(String, String, String)

Creates a CallsRequester. For most SDK users CallsRequesters will be created automatically by the FreeClimbClient but is available for more users who only require the features in this specific requester and not the rest of the features of the FreeClimbClient.

Declaration

```
public CallsRequester(string credAccountId, string credAuthToken, string accountId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	credAccountId	The accountId to use as authentication credentials in the HTTP Basic Auth header for requests made by this requester.

TYPE	NAME	DESCRIPTION
System.String	credAuthToken	The authToken to use as authentication credentials in the HTTP Basic Auth header for requests made by this requester.
System.String	accountId	The accountId to act as. This can be the same as the credAccountId or the accountId of a subaccount of the credAccountId.

Properties

getAccountId

Retrieve accountId object value.

Declaration

```
public string getAccountId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The accountId being used for authentication.

getAuthToken

Retrieve authToken object value.

Declaration

```
public string getAuthToken { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The authToken being used for authentication.

getfreeClimbUrl

Retrieve FreeClimb API Url object value.

Declaration

```
public string getfreeClimbUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The url being used for the FreeClimb API.

getPath

Retrieve path object value.

Declaration

```
public string getPath { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The base path used for the FreeClimb API.

Methods

create(String, String, String, CallOrigOptions)

Create a new call through the FreeClimb API using a registered FreeClimb application.

Declaration

```
public Call create(string to, string from, string applicationId, CallOrigOptions callOptions = null)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	to	The number to call out to (DNIS). This can be any valid phone number formatted in E.164 format.
System.String	from	The number to call from (ANI). This must be a number purchase from FreeClimb or a verified phone number owned by the user.
System.String	applicationId	The applicationId for the registered FreeClimb application which should handle this call.
CallOrigOptions	callOptions	Optional CallOrigOptions instance to be used when creating a call.

Returns

TYPE	DESCRIPTION
Call	A Call object returned by FreeClimb that represents the call that was created.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

get(CallsSearchFilters)

Retrieve a list of calls associated with the accountId.

Declaration

```
public CallList get(CallsSearchFilters filters = null)
```

Parameters

TYPE	NAME	DESCRIPTION
CallsSearchFilters	filters	Optional CallsSearchFilters instance to filter list of calls.

Returns

TYPE	DESCRIPTION
CallList	An in-language representation of FreeClimb's paginated list response.This will be a paginated list of call instances as returned by the FreeClimb API.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

get(String)

Retrieve a single call from FreeClimb.

Declaration

```
public Call get(string callId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	callId	The callId of the target call.

Returns

TYPE	DESCRIPTION
Call	The call matching the callId provided.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

update(String, CallTermOptions)

Update a single call.

Declaration

```
public void update(string callId, CallTermOptions callOptions = null)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	callId	The callId of the target call.
CallTermOptions	callOptions	Optional CallTermOptions instance to be used when updating a call.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

Class CallsSearchFilters

The class represents the calls search fields which can be passed retrieving a list of calls.

Inheritance

System.Object

CallsSearchFilters

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.call

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class CallsSearchFilters
```

Properties

getEndTime

Retrieve the endTime value.

Declaration

```
public string getEndTime { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The endTime value of the object.

getFrom

Retrieve the from value.

Declaration

```
public string getFrom { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The from value of the object.

getParentCallId

Retrieve the parentCallId value.

Declaration

```
public string getParentCallId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The parentCallId value of the object.

getStartTime

Retrieve the startTime value.

Declaration

```
public string getStartTime { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The startTime value of the object.

getStatus

Retrieve the status value.

Declaration

```
public ECallStatus getStatus { get; }
```

Property Value

TYPE	DESCRIPTION
[ECallStatus](#)	The status value of the object.

getTo

Retrieve the to value.

Declaration

```
public string getTo { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The to value of the object.

Methods

fromJson(String)

Helper method to build a CallsSearchFilters object from the JSON string.

Declaration

```
public static CallsSearchFilters fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a CallsSearchFilters instance.

Returns

TYPE	DESCRIPTION
[CallsSearchFilters](#)	A CallsSearchFilters object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

setEndTime(String)

Sets the endTime object value.

Declaration

```
public void setEndTime(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	endTime value.

setFrom(String)

Sets the from object value.

Declaration

```
public void setFrom(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	from value.

setParentCallId(String)

Sets the parentCallId object value.

Declaration

```
public void setParentCallId(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	parentCallId value.

setStartTime(String)

Sets the startTime object value.

Declaration

```
public void setStartTime(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	startTime value.

setStatus(ECallStatus)

Sets the status object value.

Declaration

```
public void setStatus(ECallStatus val)
```

Parameters

TYPE	NAME	DESCRIPTION
ECallStatus	val	status value.

setTo(String)

Sets the to object value.

Declaration

```
public void setTo(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	to value.

toDict()

Retrieve the KVP Dictionary for the CallsSearchFilters instance.

Declaration

```
public IDictionary<string, string> toDict()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.String>	KVP Dictionary

toJson()

Helper method to build a JSON string from a CallsSearchFilters instance.

Declaration

```
public virtual string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the CallsSearchFilters instance.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Class CallTermOptions

The class represents the common optional fields which can be passed terminating a call.

Inheritance

System.Object

CommonFields

CallTermOptions

Inherited Members

CommonFields.getRequestId

CommonFields.setRequestId(String)

CommonFields.toDict()

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.call

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class CallTermOptions : CommonFields
```

Properties

getStatus

Retrieve the status value.

Declaration

```
public ECallStatus getStatus { get; }
```

Property Value

TYPE	DESCRIPTION
ECallStatus	The status value of the object.

Methods

fromJson(String)

Helper method to build a CallTermOptions object from the JSON string.

Declaration

```
public static CallOrigOptions fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a CallTermOptions instance.

Returns

TYPE	DESCRIPTION
CallOrigOptions	A CallTermOptions object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

setStatus(ECallStatus)

Sets the status object value.

Declaration

```
public void setStatus(ECallStatus val)
```

Parameters

TYPE	NAME	DESCRIPTION
ECallStatus	val	status value.

toJson()

Helper method to build a JSON string from a CallTermOptions instance.

Declaration

```
public virtual string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the CallTermOptions instance.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Namespace com.freeclimb.api.conference

Classes

Conference

This class represents a FreeClimb Conference instance. Call objects are created by the SDK whenever a call instance would be returned by the API; these primarily come from ConferencesRequester inside a FreeClimbClient instance.

ConferenceCreateOptions

The class represents the common conference create optional fields.

ConferenceList

Represents a paginated list of FreeClimb conference instances. This object will be automatically created by ConferencesRequester.

ConferenceOptions

The class represents the common conference optional fields.

ConferenceSearchFilters

The class represents the conference search fields which can be passed retrieving a list of calls.

ConferencesRequester

This class represents the set of wrappers around the FreeClimb Conference API. It provides methods to handle all the operations supported by the FreeClimb Conference API.

Participant

This class represents a FreeClimb Participant instance. Participant objects are created by the SDK whenever a participant instance would be returned by the API; these primarily come from ConferencesRequester inside a FreeClimbClient instance.

ParticipantList

Represents a paginated list of FreeClimb participant instances. This object will be automatically created by ConferencesRequester.

ParticipantOptions

The class represents the common participant optional fields.

Enums

Conference.SubresourceUri

This enumeration represents the various possible predefined values of the Conference.SubresourceUri field.

Class Conference

This class represents a FreeClimb Conference instance. Call objects are created by the SDK whenever a call instance would be returned by the API; these primarily come from ConferencesRequester inside a FreeClimbClient instance.

Inheritance

System.Object

FreeClimbCommon

Conference

Implements

IFreeClimbCommon

System.IEquatable<FreeClimbCommon>

System.IEquatable<Conference>

Inherited Members

FreeClimbCommon.getUri

FreeClimbCommon.getDateCreated

FreeClimbCommon.getDateUpdated

FreeClimbCommon.getRevision

FreeClimbCommon.Equal(FreeClimbCommon, FreeClimbCommon)

FreeClimbCommon.Equals(FreeClimbCommon)

System.Object.ToString()

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.conference

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class Conference : FreeClimbCommon, IFreeClimbCommon, IEquatable<FreeClimbCommon>,
IEquatable<Conference>
```

Remarks

Conference are immutable and intended only to be used to read information returned from the API in a language accessible way.

Properties

getAccountId

Retrieve the accountId for this conference from the object.

Declaration

```
public string getAccountId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The accountId for this conference.

getAlias

Retrieve the alias for this conference from the object.

Declaration

```
public string getAlias { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The alias for this conference.

getConferenceId

Retrieve the conferenceId for this conference from the object.

Declaration

```
public string getConferenceId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The conferenceId for this conference.

getPlayBeep

Retrieve the playBeep for this conference from the object.

Declaration

```
public EPlayBeep getPlayBeep { get; }
```

Property Value

TYPE	DESCRIPTION
EPlayBeep	The playBeep for this conference.

getRecord

Retrieve the record for this conference from the object.

Declaration

```
public EBool getRecord { get; }
```

Property Value

TYPE	DESCRIPTION
EBool	The record for this conference.

getStatus

Retrieve the status for this conference from the object.

Declaration

```
public EConferenceStatus getStatus { get; }
```

Property Value

TYPE	DESCRIPTION
EConferenceStatus	The status for this conference.

getStatusCallBackUrl

Retrieve the statusCallBackUrl for this conference from the object.

Declaration

```
public string getStatusCallBackUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The statusCallBackUrl for this conference.

getSubresourceUris

Retrieve the subresourceUris for this conference from the object.

Declaration

```
public Dictionary<Conference.SubresourceUri, string> getSubresourceUris { get; }
```

Property Value

TYPE	DESCRIPTION
System.Collections.Generic.Dictionary<Conference.SubresourceUri, System.String>	The subresourceUris for this conference.

getWaitUrl

Retrieve the waitUrl for this conference from the object.

Declaration

```
public string getWaitUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The waitUrl for this conference.

Methods

Equal(Conference, Conference)

Helper method to deep compare two Conference instances.

Declaration

```
public static bool Equal(Conference a, Conference b)
```

Parameters

TYPE	NAME	DESCRIPTION
Conference	a	Conference instance one.
Conference	b	Conference instance two.

Returns

TYPE	DESCRIPTION
System.Boolean	True is a == b, otherwise false.

Equals(Conference)

Compares the current instance with another object of the same type.

Declaration

```
public bool Equals(Conference other)
```

Parameters

TYPE	NAME	DESCRIPTION
Conference	other	Conference object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Equals(Object)

Compares the current instance with another object of the same type.

Declaration

```
public override bool Equals(object obj)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Object	obj	Object of type Conference.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Overrides

[FreeClimbCommon.Equals(Object)](#)

fromJson(String)

Helper method to build a Conference object from the JSON string.

Declaration

```
public static Conference fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a Conference instance.

Returns

TYPE	DESCRIPTION
[Conference](#)	A Conference object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

GetHashCode()

Serves as the default hash function.

Declaration

```
public override int GetHashCode()
```

Returns

TYPE	DESCRIPTION

TYPE	DESCRIPTION
System.Int32	A hash code for the current object.

Overrides

FreeClimbCommon.GetHashCode()

Operators

Equality(Conference, Conference)

Conference equality operator.

Declaration

```
public static bool operator ==(Conference a, Conference b)
```

Parameters

TYPE	NAME	DESCRIPTION
Conference	a	Conference object.
Conference	b	Conference object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if equal otherwise false.

Inequality(Conference, Conference)

Conference inequality operator.

Declaration

```
public static bool operator !=(Conference a, Conference b)
```

Parameters

TYPE	NAME	DESCRIPTION
Conference	a	Conference object.
Conference	b	Conference object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if not equal otherwise false.

Implements

[IFreeClimbCommon](#)

System.IEquatable<T>

System.IEquatable<T>

Enum Conference.SubresourceUri

This enumeration represents the various possible predefined values of the Conference.SubresourceUri field.

Namespace: com.freeclimb.api.conference

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum SubresourceUri
```

Fields

NAME	DESCRIPTION
Participants	
Recordings	

Class ConferenceCreateOptions

The class represents the common conference create optional fields.

Syntax

```
[JsonObject]
public class ConferenceCreateOptions : CommonFields
```

Properties

getAlias

Retrieve the alias value.

Declaration

```
public string getAlias { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The alias value of the object.

getPlayBeep

Retrieve the playBeep value.

Declaration

```
public EBool getPlayBeep { get; }
```

Property Value

TYPE	DESCRIPTION

TYPE	DESCRIPTION
EBool	The playBeep value of the object.

getRecord

Retrieve the record value.

Declaration

```
public EBool getRecord { get; }
```

Property Value

TYPE	DESCRIPTION
EBool	The record value of the object.

getStatusCallbackUrl

Retrieve the statusCallbackUrl value.

Declaration

```
public string getStatusCallbackUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The statusCallbackUrl value of the object.

getWaitUrl

Retrieve the waitUrlFlag value.

Declaration

```
public string getWaitUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The waitUrlFlag value of the object.

Methods

fromJson(String)

Helper method to build a ConferenceCreateOptions object from the JSON string.

Declaration

```
public static ConferenceCreateOptions fromJson(string rawJson)
```

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a ConferenceCreateOptions instance.

Returns

TYPE	DESCRIPTION
ConferenceCreateOptions	A ConferenceCreateOptions object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

setAlias(String)

Sets the alias object value.

Declaration

```
public void setAlias(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	alias value.

setPlayBeep(EBool)

Sets the playBeep object value.

Declaration

```
public void setPlayBeep(EBool val)
```

Parameters

TYPE	NAME	DESCRIPTION
EBool	val	playBeep value.

setRecord(EBool)

Sets the record object value.

Declaration

```
public void setRecord(EBool val)
```

Parameters

TYPE	NAME	DESCRIPTION
EBool	val	record value.

setStatusCallbackUrl(String)

Sets the statusCallbackUrl object value.

Declaration

```
public void setStatusCallbackUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	statusCallbackUrl value.

setWaitUrl(String)

Sets the waitUrlFlag object value.

Declaration

```
public void setWaitUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	waitUrlFlag value.

toJson()

Helper method to build a JSON string from a ConferenceCreateOptions instance.

Declaration

```
public virtual string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the ConferenceCreateOptions instance.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Class ConferenceList

Represents a paginated list of FreeClimb conference instances. This object will be automatically created by ConferencesRequester.

Inheritance

System.Object

APIRequester

FreeClimbList

ConferenceList

Inherited Members

FreeClimbList.getTotalSize

FreeClimbList.getLocalSize

FreeClimbList.get(Int32)

FreeClimbList.export()

FreeClimbList.loadNextPage()

FreeClimbList.buildFromJson(String)

APIRequester.FREECLIMB_URL

APIRequester.getAccountId

APIRequester.getAuthToken

APIRequester.GetFreeClimbUrl

APIRequester.SetFreeClimbUrl(String)

APIRequester.GET(String)

APIRequester.GET(String, IDictionary<String, String>)

APIRequester.GETStream(String)

APIRequester.GETStream(String, IDictionary<String, String>)

APIRequester.POST(String, String)

APIRequester.DELETE(String)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.conference

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public sealed class ConferenceList : FreeClimbList
```

Constructors

ConferenceList(String, String, String)

Creates a new ConferenceList.

Declaration

```
public ConferenceList(string accountId, string authToken, string rawPage)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	accountId	The accountId to use in requests for subsequent pages.
System.String	authToken	The authToken to use in requests for subsequent pages.
System.String	rawPage	The raw JSON string representing a page of a queue list from the FreeClimb API.

Methods

constructElement(String)

Used by ConferenceList to create Conference objects from the JSON list.

Declaration

```
protected override IFreeClimbCommon constructElement(string element)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	element	A JSON string representing a FreeClimb conference instance.

Returns

TYPE	DESCRIPTION
[IFreeClimbCommon](#)	An equivalent conference object to the one represented by the inputted JSON string.

Overrides

[FreeClimbList.constructElement(String)](#)

Class ConferenceOptions

The class represents the common conference optional fields.

Inheritance

System.Object

CommonFields

ConferenceOptions

Inherited Members

CommonFields.getRequestId

CommonFields.setRequestId(String)

CommonFields.toDict()

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.conference

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class ConferenceOptions : CommonFields
```

Properties

getAlias

Retrieve the alias value.

Declaration

```
public string getAlias { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The alias value of the object.

getPlayBeep

Retrieve the playBeep value.

Declaration

```
public EBool getPlayBeep { get; }
```

Property Value

TYPE	DESCRIPTION

TYPE	DESCRIPTION
[EBool](#)	The playBeep value of the object.

getStatus

Retrieve the status value.

Declaration

```
public EConferenceStatus getStatus { get; }
```

Property Value

TYPE	DESCRIPTION
[EConferenceStatus](#)	The status value of the object.

Methods

fromJson(String)

Helper method to build a ConferenceOptions object from the JSON string.

Declaration

```
public static ConferenceCreateOptions fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a ConferenceOptions instance.

Returns

TYPE	DESCRIPTION
[ConferenceCreateOptions](#)	A ConferenceOptions object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

setAlias(String)

Sets the alias object value.

Declaration

```
public void setAlias(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	alias value.

setPlayBeep(EBool)

Sets the playBeep object value.

Declaration

```
public void setPlayBeep(EBool val)
```

Parameters

TYPE	NAME	DESCRIPTION
[EBool](#)	val	playBeep value.

setStatus(EConferenceStatus)

Sets the status object value.

Declaration

```
public void setStatus(EConferenceStatus val)
```

Parameters

TYPE	NAME	DESCRIPTION
[EConferenceStatus](#)	val	status value.

toJson()

Helper method to build a JSON string from a ConferenceOptions instance.

Declaration

```
public virtual string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the ConferenceOptions instance.

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

Class ConferenceSearchFilters

The class represents the conference search fields which can be passed retrieving a list of calls.

Inheritance

System.Object

ConferenceSearchFilters

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: **com.freeclimb.api.conference**

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class ConferenceSearchFilters
```

Properties

getAlias

Retrieve the alias value.

Declaration

```
public string getAlias { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The alias value of the object.

getDateCreated

Retrieve the dateCreated value.

Declaration

```
public string getDateCreated { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The dateCreated value of the object.

getDateUpdated

Retrieve the dateUpdated value.

Declaration

```
public string getDateUpdated { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The dateUpdated value of the object.

getStatus

Retrieve the status value.

Declaration

```
public EConferenceStatus getStatus { get; }
```

Property Value

TYPE	DESCRIPTION
EConferenceStatus	The status value of the object.

Methods

fromJson(String)

Helper method to build a ConferenceSearchFilters object from the JSON string.

Declaration

```
public static ConferenceSearchFilters fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a ConferenceSearchFilters instance.

Returns

TYPE	DESCRIPTION
ConferenceSearchFilters	A ConferenceSearchFilters object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

setAlias(String)

Sets the alias object value.

Sets the alias object value.

Declaration

```
public void setAlias(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	alias value.

setDateCreated(String)

Sets the dateCreated object value.

Declaration

```
public void setDateCreated(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	dateCreated value.

setDateUpdated(String)

Sets the dateUpdated object value.

Declaration

```
public void setDateUpdated(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	dateUpdated value.

setStatus(EConferenceStatus)

Sets the status object value.

Declaration

```
public void setStatus(EConferenceStatus val)
```

Parameters

TYPE	NAME	DESCRIPTION
[EConferenceStatus](#)	val	status value.

toDict()

Retrieve the KVP Dictionary for the CallsSearchFilters instance.

Declaration

```
public IDictionary<string, string> toDict()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.String>	KVP Dictionary

toJson()

Helper method to build a JSON string from a ConferenceSearchFilters instance.

Declaration

```
public virtual string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the ConferenceSearchFilters instance.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Class ConferencesRequester

This class represents the set of wrappers around the FreeClimb Conference API. It provides methods to handle all the operations supported by the FreeClimb Conference API.

Inheritance

System.Object

[APIRequester](#)

ConferencesRequester

Inherited Members

[APIRequester.FREECLIMB_URL](#)

[APIRequester.GetFreeClimbUrl](#)

[APIRequester.SetFreeClimbUrl(String)](#)

[APIRequester.GET(String)](#)

[APIRequester.GET(String, IDictionary<String, String>)](#)

[APIRequester.GETStream(String)](#)

[APIRequester.GETStream(String, IDictionary<String, String>)](#)

[APIRequester.POST(String, String)](#)

[APIRequester.DELETE(String)](#)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.conference

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public sealed class ConferencesRequester : APIRequester
```

Constructors

ConferencesRequester(String, String, String)

Creates a ConferenceRequester. For most SDK users ConferenceRequester will be created automatically by the FreeClimbClient but is available for more users who only require the features in this specific requester and not the rest of the features of the FreeClimbClient.

Declaration

```
public ConferencesRequester(string credAccountId, string credAuthToken, string accountId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	credAccountId	The accountId to use as authentication credentials in the HTTP Basic Auth header for requests made by this requester.

TYPE	NAME	DESCRIPTION
System.String	credAuthToken	The authToken to use as authentication credentials in the HTTP Basic Auth header for requests made by this requester.
System.String	accountId	The accountId to act as. This can be the same as the credAccountId or the accountId of a subaccount of the credAccountId.

Properties

getAccountId

Retrieve accountId object value.

Declaration

```
public string getAccountId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The accountId being used for authentication.

getAuthToken

Retrieve authToken object value.

Declaration

```
public string getAuthToken { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The authToken being used for authentication.

getfreeClimbUrl

Retrieve FreeClimb API Url object value.

Declaration

```
public string getfreeClimbUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The url being used for the FreeClimb API.

getPath

Retrieve path object value.

Declaration

```
public string getPath { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The base path used for the FreeClimb API.

Methods

create(ConferenceCreateOptions)

Create a new conference through the FreeClimb API using a registered FreeClimb application.

Declaration

```
public Conference create(ConferenceCreateOptions conferenceOptions = null)
```

Parameters

TYPE	NAME	DESCRIPTION
ConferenceCreateOptions	conferenceOptions	Optional ConferenceOptions instance to be used when creating a queue.

Returns

TYPE	DESCRIPTION
Conference	A Queue object returned by FreeClimb that represents the queue that was created.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

deleteConference(String)

Delete a FreeClimb conference.

Declaration

```
public void deleteConference(string conferenceId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	conferenceId	The conferenceId of the target conference.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

deleteParticipant(String, String)

Delete a FreeClimb participant from a conference.

Declaration

```
public void deleteParticipant(string conferenceId, string participantId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	conferenceId	The conferenceId of the target conference.
System.String	participantId	The participantId of the target participant in the conference.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

getConference(String)

Retrieve a single conference from FreeClimb.

Declaration

```
public Conference getConference(string conferenceId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	conferenceId	Target conference to retrieve information.

Returns

TYPE	DESCRIPTION
[Conference](#)	A Conference object returned by FreeClimb that represents the queue that was retrieved.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

getConferences(ConferenceSearchFilters)

Retrieve a list of conferences from FreeClimb.

Declaration

```
public ConferenceList getConferences(ConferenceSearchFilters filters = null)
```

Parameters

TYPE	NAME	DESCRIPTION
ConferenceSearchFilters	filters	Optional ConferenceSearchFilters instance to filter list of queues.

Returns

TYPE	DESCRIPTION
ConferenceList	An in-language representation of FreeClimb's paginated list response.This will be a paginated list of conference instances as returned by the FreeClimb API.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

getParticipant(String, String)

Retrieve a given participant associated with the conferenceId.

Declaration

```
public Participant getParticipant(string conferenceId, string participantId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	conferenceId	The conferenceId of the target conference.
System.String	participantId	The participantId of the target conference.

Returns

TYPE	DESCRIPTION
Participant	An in-language representation of FreeClimb's paginated list response. This will be a paginated list of participant instances as returned by the FreeClimb API.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

getParticipants(String)

Retrieve a list of participant data associated with the conferenceId.

Declaration

```
public ParticipantList getParticipants(string conferenceId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	conferenceId	The conferenceId of the target conference.

Returns

TYPE	DESCRIPTION
ParticipantList	An in-language representation of FreeClimb's paginated list response. This will be a paginated list of participant instances as returned by the FreeClimb API.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

getParticipants(String, Boolean, Boolean)

Retrieve a list of participant data associated with the conferenceId.

Declaration

```
public ParticipantList getParticipants(string conferenceId, bool talk, bool listen)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	conferenceId	The conferenceId of the target conference.

TYPE	NAME	DESCRIPTION
System.Boolean	talk	Retrieves talk enabled participants of the target conference.
System.Boolean	listen	Retrieves listen enabled participants of the target conference.

Returns

TYPE	DESCRIPTION
ParticipantList	An in-language representation of FreeClimb's paginated list response. This will be a paginated list of participant instances as returned by the FreeClimb API.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

getRecordings(String)

Retrieve a list of recordings data associated with the conferenceId.

Declaration

```
public RecordingList getRecordings(string conferenceId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	conferenceId	The conferenceId of the target conference.

Returns

TYPE	DESCRIPTION
RecordingList	An in-language representation of FreeClimb's paginated list response. This will be a paginated list of recording instances as returned by the FreeClimb API.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

update(String, ConferenceOptions)

Update a single conference.

Declaration

```
public Conference update(string conferenceId, ConferenceOptions conferenceOptions = null)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	conferenceId	The conferenceId of the target conference.
ConferenceOptions	conferenceOptions	Optional ConferenceOptions instance to be used when updating a conference.

Returns

TYPE	DESCRIPTION
Conference	The conference matching the conferenceId provided.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

update(String, String, ParticipantOptions)

Update a single participant.

Declaration

```
public Participant update(string conferenceId, string callId, ParticipantOptions participantOptions = null)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	conferenceId	The conferenceId of the target conference.
System.String	callId	The callId of the target conference.
ParticipantOptions	participantOptions	Optional ParticipantOptions instance to be used when updating a conference participant.

Returns

TYPE	DESCRIPTION
Participant	The Participant matching the conferenceId and callId provided.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

Class Participant

This class represents a FreeClimb Participant instance. Participant objects are created by the SDK whenever a participant instance would be returned by the API; these primarily come from ConferencesRequester inside a FreeClimbClient instance.

Inheritance

System.Object

FreeClimbCommon

Participant

Implements

IFreeClimbCommon

System.IEquatable<FreeClimbCommon>

System.IEquatable<Participant>

Inherited Members

FreeClimbCommon.getUri

FreeClimbCommon.getDateCreated

FreeClimbCommon.getDateUpdated

FreeClimbCommon.getRevision

FreeClimbCommon.Equal(FreeClimbCommon, FreeClimbCommon)

FreeClimbCommon.Equals(FreeClimbCommon)

System.Object.ToString()

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.conference

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class Participant : FreeClimbCommon, IFreeClimbCommon, IEquatable<FreeClimbCommon>,
IEquatable<Participant>
```

Remarks

Participant are immutable and intended only to be used to read information returned from the API in a language accessible way.

Properties

getAccountId

Retrieve the accountId for this conference from the object.

Declaration

```
public string getAccountId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The accountId for this conference.

getCallId

Retrieve the callId for this conference from the object.

Declaration

```
public string getCallId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The callId for this conference.

getConferenceId

Retrieve the conferenceId for this conference from the object.

Declaration

```
public string getConferenceId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The conferenceId for this conference.

getListen

Retrieve the listen for this conference from the object.

Declaration

```
public EBool getListen { get; }
```

Property Value

TYPE	DESCRIPTION
[EBool](#)	The listen for this conference.

getStartConfOnEnter

Retrieve the startConfOnEnter for this conference from the object.

Declaration

```
public EBool getStartConfOnEnter { get; }
```

Property Value

TYPE	DESCRIPTION
[EBool](#)	The startConfOnEnter for this conference.

getTalk

Retrieve the talk for this conference from the object.

Declaration

```
public EBool getTalk { get; }
```

Property Value

TYPE	DESCRIPTION
EBool	The talk for this conference.

Methods

Equal(Participant, Participant)

Helper method to deep compare two Participant instances.

Declaration

```
public static bool Equal(Participant a, Participant b)
```

Parameters

TYPE	NAME	DESCRIPTION
Participant	a	Participant instance one.
Participant	b	Participant instance two.

Returns

TYPE	DESCRIPTION
System.Boolean	True is a == b, otherwise false.

Equals(Participant)

Compares the current instance with another object of the same type.

Declaration

```
public bool Equals(Participant other)
```

Parameters

TYPE	NAME	DESCRIPTION
Participant	other	Participant object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Equals(Object)

Compares the current instance with another object of the same type.

Declaration

```
public override bool Equals(object obj)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Object	obj	Object of type Participant.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Overrides

[FreeClimbCommon.Equals(Object)](#)

fromJson(String)

Helper method to build a Participant object from the JSON string.

Declaration

```
public static Participant fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a Participant instance.

Returns

TYPE	DESCRIPTION
[Participant](#)	A Participant object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

GetHashCode()

Serves as the default hash function.

Declaration

```
public override int GetHashCode()
```

Returns

TYPE	DESCRIPTION
System.Int32	A hash code for the current object.

Overrides

[FreeClimbCommon.GetHashCode()](#)

Operators

Equality(Participant, Participant)

Participant equality operator.

Declaration

```
public static bool operator ==(Participant a, Participant b)
```

Parameters

TYPE	NAME	DESCRIPTION
[Participant](#)	a	Participant object.
[Participant](#)	b	Participant object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if equal otherwise false.

Inequality(Participant, Participant)

Participant inequality operator.

Declaration

```
public static bool operator !=(Participant a, Participant b)
```

Parameters

TYPE	NAME	DESCRIPTION
[Participant](#)	a	Participant object.

TYPE	**NAME**	**DESCRIPTION**
Participant	b	Participant object.

Returns

TYPE	**DESCRIPTION**
System.Boolean	true if not equal otherwise false.

Implements

[IFreeClimbCommon](#)

System.IEquatable<T>

System.IEquatable<T>

Class ParticipantList

Represents a paginated list of FreeClimb participant instances. This object will be automatically created by ConferencesRequester.

Syntax

```
public sealed class ParticipantList : FreeClimbList
```

Constructors

ParticipantList(String, String, String)

Creates a new ConferenceList.

Declaration

```
public ParticipantList(string accountId, string authToken, string rawPage)
```

Parameters

T Y P E	N A M E	DESCRIPTION
System.String	accountId	The accountId to use in requests for subsequent pages.
System.String	authToken	The authToken to use in requests for subsequent pages.
System.String	rawPage	The raw JSON string representing a page of a queue list from the FreeClimb API.

Methods

constructElement(String)

Used by ConferenceList to create Conference objects from the JSON list.

Declaration

```
protected override IFreeClimbCommon constructElement(string element)
```

Parameters

T Y P E	N A M E	DESCRIPTION
System.String	element	A JSON string representing a FreeClimb conference instance.

Returns

T Y P E	DESCRIPTION
[IFreeClimbCommon](#)	An equivalent conference object to the one represented by the inputted JSON string.

Overrides

[FreeClimbList.constructElement(String)](#)

Class ParticipantOptions

The class represents the common participant optional fields.

Inheritance

System.Object

[CommonFields](#)

ParticipantOptions

Inherited Members

[CommonFields.getRequestId](#)

[CommonFields.setRequestId(String)](#)

[CommonFields.toDict()](#)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.conference

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class ParticipantOptions : CommonFields
```

Properties

getListen

Retrieve the listen value.

Declaration

```
public EBool getListen { get; }
```

Property Value

TYPE	DESCRIPTION
[EBool](#)	The listen value of the object.

getTalk

Retrieve the talk value.

Declaration

```
public EBool getTalk { get; }
```

Property Value

TYPE	DESCRIPTION

TYPE	DESCRIPTION
[EBool](#)	The talk value of the object.

Methods

fromJson(String)

Helper method to build a ParticipantOptions object from the JSON string.

Declaration

```
public static ParticipantOptions fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a ParticipantOptions instance.

Returns

TYPE	DESCRIPTION
[ParticipantOptions](#)	A ParticipantOptions object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

setListen(EBool)

Sets the listen object value.

Declaration

```
public void setListen(EBool val)
```

Parameters

TYPE	NAME	DESCRIPTION
[EBool](#)	val	listen value.

setTalk(EBool)

Sets the talk object value.

Declaration

```
public void setTalk(EBool val)
```

Parameters

TYPE	NAME	DESCRIPTION
EBool	val	talk value.

toJson()

Helper method to build a JSON string from a ParticipantOptions instance.

Declaration

```
public virtual string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the ParticipantOptions instance.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Namespace com.freeclimb.api.log

Classes

Log

This class represents a FreeClimb Log instance. A log instance holds information for one log entry.

LogList

Represents a paginated list of FreeClimb Log instances. This object will be automatically created by LogsRequester.

LogSearchFilters

The class represents the search filters (fields) for searching for log items

LogsRequester

This class represents the set of wrappers around the FreeClimb Log API. It provides methods to handle all the operations supported by the FreeClimb Log API.

Class Log

This class represents a FreeClimb Log instance. A log instance holds information for one log entry.

Inheritance

System.Object

Log

Implements

System.IEquatable<Log>

IFreeClimbCommon

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.log

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public class Log : IEquatable<Log>, IFreeClimbCommon
```

Remarks

Logs are immutable and intended only to be used to read information returned from the API in a language accessible way.

Properties

getAccountId

Retrieve the accountId for this log from the object.

Declaration

```
public string getAccountId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The accountId for this log.

getCallId

Retrieve the callId for this log from the object.

Declaration

```
public string getCallId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The callId for this log.

getLevel

Retrieve the level for this log from the object.

Declaration

```
public ELogLevel getLevel { get; }
```

Property Value

TYPE	DESCRIPTION
ELogLevel	The level for this log.

getMessage

Retrieve the message for this log from the object.

Declaration

```
public string getMessage { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The message for this log.

getMetadata

Retrieve the metadata for this log from the object.

Declaration

```
public object getMetadata { get; }
```

Property Value

TYPE	DESCRIPTION
System.Object	The metadata for this log. The object returned is essentially a JSON object. To deal with an object with an 'unknown' class (dynamic), the object is of type JObject (http://www.newtonsoft.com/json/help/html/T_Newtonsoft_Json_Linq_JObject.htm). See the newtonsoft documentation for more details on how to use this object to get to all the data contained in it. Also see https://weblog.west-wind.com/posts/2012/Aug/30/Using-JSONNET-for-dynamic-JSON-parsing for more information about dealing with dynamic JSON parsing.

getRequestId

Retrieve the requestId for this log from the object.

Declaration

```
public string getRequestId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The requestId for this log.

getTimestamp

Retrieve the timestamp for this log from the object.

Declaration

```
public DateTime getTimestamp { get; }
```

Property Value

TYPE	DESCRIPTION
System.DateTime	The timestamp for this log.

Methods

Equal(Log, Log)

Helper method to deep compare two Log instances.

Declaration

```
public static bool Equal(Log a, Log b)
```

Parameters

TYPE	NAME	DESCRIPTION
Log	a	Log instance one.
Log	b	Log instance two.

Returns

TYPE	DESCRIPTION
System.Boolean	True is a == b, otherwise false.

Equals(Log)

Compares the current instance with another object of the same type.

Declaration

```
public bool Equals(Log other)
```

Parameters

TYPE	NAME	DESCRIPTION
Log	other	Log object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Equals(Object)

Compares the current instance with another object of the same type.

Declaration

```
public override bool Equals(object obj)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Object	obj	Object of type Log.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Overrides

System.Object.Equals(System.Object)

fromJson(String)

Helper method to build a Log object from the JSON string.

Declaration

```
public static Log fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a Log instance.

Returns

TYPE	DESCRIPTION
Log	A Log object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

GetHashCode()

Serves as the default hash function.

Declaration

```
public override int GetHashCode()
```

Returns

TYPE	DESCRIPTION
System.Int32	A hash code for the current object.

Overrides

System.Object.GetHashCode()

Operators

Equality(Log, Log)

Log equality operator.

Declaration

```
public static bool operator ==(Log a, Log b)
```

Parameters

TYPE	NAME	DESCRIPTION
Log	a	Log object.
Log	b	Log object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if equal otherwise false.

Inequality(Log, Log)

Log inequality operator.

Declaration

```
public static bool operator !=(Log a, Log b)
```

Parameters

TYPE	NAME	DESCRIPTION
Log	a	Log object.
Log	b	Log object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if not equal otherwise false.

Implements

System.IEquatable<T>
IFreeClimbCommon

Class LogList

Represents a paginated list of FreeClimb Log instances. This object will be automatically created by LogsRequester.

Inheritance

System.Object

APIRequester

FreeClimbList

LogList

Inherited Members

FreeClimbList.getTotalSize

FreeClimbList.getLocalSize

FreeClimbList.get(Int32)

FreeClimbList.export()

FreeClimbList.loadNextPage()

FreeClimbList.buildFromJson(String)

APIRequester.FREECLIMB_URL

APIRequester.getAccountId

APIRequester.getAuthToken

APIRequester.GetFreeClimbUrl

APIRequester.SetFreeClimbUrl(String)

APIRequester.GET(String)

APIRequester.GET(String, IDictionary<String, String>)

APIRequester.GETStream(String)

APIRequester.GETStream(String, IDictionary<String, String>)

APIRequester.POST(String, String)

APIRequester.DELETE(String)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.log

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public sealed class LogList : FreeClimbList
```

Constructors

LogList(String, String, String)

Creates a new LogList.

Declaration

```
public LogList(string accountId, string authToken, string rawPage)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	accountId	The accountId to use in requests for subsequent pages.
System.String	authToken	The authToken to use in requests for subsequent pages.
System.String	rawPage	The raw JSON string representing a page of a log list from the FreeClimb API.

Methods

constructElement(String)

Used by LogList to create Log objects from the JSON list.

Declaration

```
protected override IFreeClimbCommon constructElement(string element)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	element	A JSON string representing a FreeClimb log instance.

Returns

TYPE	DESCRIPTION
[IFreeClimbCommon](#)	An equivalent log object to the one represented by the inputted JSON string.

Overrides

[FreeClimbList.constructElement(String)](#)

Class LogSearchFilters

The class represents the search filters (fields) for searching for log items

Inherited Members

CommonFields.getRequestId

CommonFields.setRequestId(String)

CommonFields.toDict()

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.log

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class LogSearchFilters : CommonFields
```

Properties

getPql

Retrieve the pql value.

Declaration

```
public string getPql { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The pql value of the object.

Methods

setPql(String)

Sets the pql object value.

Declaration

```
public void setPql(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	pql value.

toJson()

Helper method to build a JSON string from a LogSearchFilters instance.

Declaration

```
public virtual string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the LogSearchFilters instance.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Class LogsRequester

This class represents the set of wrappers around the FreeClimb Log API. It provides methods to handle all the operations supported by the FreeClimb Log API.

Inheritance

System.Object

[APIRequester](#)

LogsRequester

Inherited Members

[APIRequester.FREECLIMB_URL](#)

[APIRequester.getAccountId](#)

[APIRequester.getAuthToken](#)

[APIRequester.GetFreeClimbUrl](#)

[APIRequester.SetFreeClimbUrl(String)](#)

[APIRequester.GET(String)](#)

[APIRequester.GET(String, IDictionary<String, String>)](#)

[APIRequester.GETStream(String)](#)

[APIRequester.GETStream(String, IDictionary<String, String>)](#)

[APIRequester.POST(String, String)](#)

[APIRequester.DELETE(String)](#)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: [com.freeclimb.api.log](#)

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public class LogsRequester : APIRequester
```

Constructors

LogsRequester(String, String, String)

Creates a LogsRequester. For most SDK users LogsRequester will be created automatically by the FreeClimbClient but is available for more users who only require the features in this specific requester and not the rest of the features of the FreeClimbClient.

Declaration

```
public LogsRequester(string credAccountId, string credAuthToken, string accountId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	credAccountId	The accountId to use as authentication credentials in the HTTP Basic Auth header for requests made by this requester.

TYPE	NAME	DESCRIPTION
System.String	credAuthToken	The authToken to use as authentication credentials in the HTTP Basic Auth header for requests made by this requester.
System.String	accountId	The accountId to act as. This can be the same as the credAccountId or the accountId of a subaccount of the credAccountId.

Properties

getPath

Retrieve path object value.

Declaration

```
public string getPath { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The base path used for the FreeClimb API.

Methods

get(LogSearchFilters)

Retrieve a list of Logs from FreeClimb.

Declaration

```
public LogList get(LogSearchFilters filters = null)
```

Parameters

TYPE	NAME	DESCRIPTION
LogSearchFilters	filters	Optional query written in PQL (Preformance Query Language) .

Returns

TYPE	DESCRIPTION
LogList	An in-language representation of FreeClimb's paginated list response.This will be a paginated list of Log instances as returned by the FreeClimb API.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

toJson(IDictionary<String, Object>)

Helper method to build a JSON string from a dictionary

Declaration

```
public virtual string toJson(IDictionary<string, object> dict)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	dict	dictionary to convert to json.

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the dictionary passed.

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

Namespace com.freeclimb.api.message

Classes

Message

This class represents a FreeClimb Message instance. Message objects can be created by the MessageRequester inside a FreeClimbClient instance, or using the portal.

MessageList

Represents a paginated list of FreeClimb Message instances. This object will be automatically created by MessageRequester.

MessageOptions

The class represents the optional message fields to use when creating messages. serialized to json when sent to API

MessagesRequester

This class represents the set of wrappers around the FreeClimb Message API. It provides methods to handle all the operations supported by the FreeClimb Message API.

MessagesSearchFilter

The class represents the messages search fields which can be passed retrieving a list of messages.

Class Message

This class represents a FreeClimb Message instance. Message objects can be created by the MessageRequester inside a FreeClimbClient instance, or using the portal.

Inheritance

System.Object

FreeClimbCommon

Message

Implements

IFreeClimbCommon

System.IEquatable<FreeClimbCommon>

System.IEquatable<Message>

Inherited Members

FreeClimbCommon.getUri

FreeClimbCommon.getDateCreated

FreeClimbCommon.getDateUpdated

FreeClimbCommon.getRevision

FreeClimbCommon.Equal(FreeClimbCommon, FreeClimbCommon)

FreeClimbCommon.Equals(FreeClimbCommon)

System.Object.ToString()

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.message
Assembly: freeclimb-cs-sdk.dll

Syntax

```
public class Message : FreeClimbCommon, IFreeClimbCommon, IEquatable<FreeClimbCommon>, IEquatable<Message>
```

Remarks

Messages are immutable and intended only to be used to read information returned from the API in a language accessible way.

Properties

getAccountId

Retrieve the accountId for this message from the object.

Declaration

```
public string getAccountId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The accountId for this message.

getDirection

Retrieve the direction of this message from the object.

Declaration

```
public EMessageDirection getDirection { get; }
```

Property Value

TYPE	DESCRIPTION
EMessageDirection	The direction of this message.

getFrom

Retrieve the from phone number for this message from the object.

Declaration

```
public string getFrom { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The from phone number for this message.

getMessageId

Retrieve the messageId for this message from the object.

Declaration

```
public string getMessageId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The messageId for this message.

getNotificationUrl

Retrieve the notificationUrl for this message from the object.

Declaration

```
public string getNotificationUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The notificationUrl for this message.

getStatus

Retrieve the status of this message from the object.

Declaration

```
public EMessageStatus getStatus { get; }
```

Property Value

TYPE	DESCRIPTION
EMessageStatus	The status of this message.

getText

Retrieve the text for this message from the object.

Declaration

```
public string getText { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The text for this message.

getTo

Retrieve the to phone number for this message from the object.

Declaration

```
public string getTo { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The to phone number for this message.

Methods

Equal(Message, Message)

Helper method to deep compare two Message instances.

Declaration

```
public static bool Equal(Message a, Message b)
```

Parameters

TYPE	NAME	DESCRIPTION
Message	a	Message instance one.

TYPE	NAME	DESCRIPTION
Message	b	Message instance two.

Returns

TYPE	DESCRIPTION
System.Boolean	True is a == b, otherwise false.

Equals(Message)

Compares the current instance with another object of the same type.

Declaration

```
public bool Equals(Message other)
```

Parameters

TYPE	NAME	DESCRIPTION
Message	other	Message object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Equals(Object)

Compares the current instance with another object of the same type.

Declaration

```
public override bool Equals(object obj)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Object	obj	Object of type Message.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Overrides

[FreeClimbCommon.Equals(Object)](#)

fromJson(String)

Helper method to build a Message object from the JSON string.

Declaration

```
public static Message fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a Message instance.

Returns

TYPE	DESCRIPTION
[Message](#)	A Message object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

GetHashCode()

Serves as the default hash function.

Declaration

```
public override int GetHashCode()
```

Returns

TYPE	DESCRIPTION
System.Int32	A hash code for the current object.

Overrides

[FreeClimbCommon.GetHashCode()](#)

Operators

Equality(Message, Message)

Message equality operator.

Declaration

```
public static bool operator ==(Message a, Message b)
```

Parameters

TYPE	NAME	DESCRIPTION
Message	a	Message object.
Message	b	Message object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if equal otherwise false.

Inequality(Message, Message)

Message inequality operator.

Declaration

```
public static bool operator !=(Message a, Message b)
```

Parameters

TYPE	NAME	DESCRIPTION
Message	a	Message object.
Message	b	Message object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if not equal otherwise false.

Implements

IFreeClimbCommon
System.IEquatable<T>
System.IEquatable<T>

Class MessageList

Represents a paginated list of FreeClimb Message instances. This object will be automatically created by MessageRequester.

Inheritance

System.Object

APIRequester

FreeClimbList

MessageList

Inherited Members

FreeClimbList.getTotalSize

FreeClimbList.getLocalSize

FreeClimbList.get(Int32)

FreeClimbList.export()

FreeClimbList.loadNextPage()

FreeClimbList.buildFromJson(String)

APIRequester.FREECLIMB_URL

APIRequester.getAccountId

APIRequester.getAuthToken

APIRequester.GetFreeClimbUrl

APIRequester.SetFreeClimbUrl(String)

APIRequester.GET(String)

APIRequester.GET(String, IDictionary<String, String>)

APIRequester.GETStream(String)

APIRequester.GETStream(String, IDictionary<String, String>)

APIRequester.POST(String, String)

APIRequester.DELETE(String)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.message

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public sealed class MessageList : FreeClimbList
```

Constructors

MessageList(String, String, String)

Creates a new MessageList.

Declaration

```
public MessageList(string accountId, string authToken, string rawPage)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	accountId	The accountId to use in requests for subsequent pages.
System.String	authToken	The authToken to use in requests for subsequent pages.
System.String	rawPage	The raw JSON string representing a page of a messages list from the FreeClimb API.

Methods

constructElement(String)

Used by MessageList to create Message objects from the JSON list.

Declaration

```
protected override IFreeClimbCommon constructElement(string element)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	element	A JSON string representing a FreeClimb Message instance.

Returns

TYPE	DESCRIPTION
[IFreeClimbCommon](#)	An equivalent Message object to the one represented by the inputted JSON string.

Overrides

[FreeClimbList.constructElement(String)](#)

Class MessageOptions

The class represents the optional message fields to use when creating messages. serialized to json when sent to API

Inheritance

System.Object

[CommonFields](#)

MessageOptions

Inherited Members

[CommonFields.getRequestId](#)

[CommonFields.setRequestId(String)](#)

[CommonFields.toDict()](#)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.message

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class MessageOptions : CommonFields
```

Properties

getNotificationUrl

Retrieve the notificationUrl value.

Declaration

```
public string getNotificationUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The notificationUrl value of the object.

Methods

fromJson(String)

Helper method to build a MessageOptions object from the JSON string.

Declaration

```
public static MessageOptions fromJson(string rawJson)
```

Parameters

TYPE	**NAME**	**DESCRIPTION**
System.String	**rawJson**	A JSON string representing a MessageOptions instance.

Returns

TYPE	**DESCRIPTION**
[MessageOptions](#)	A MessageOptions object equivalent to the JSON string passed in.

Exceptions

TYPE	**CONDITION**
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

setNotificationUrl(String)

Sets the notificationUrl object value.

Declaration

```
public void setNotificationUrl(string val)
```

Parameters

TYPE	**NAME**	**DESCRIPTION**
System.String	val	notificationUrl value.

toJson()

Helper method to build a JSON string from a MessageOptions instance.

Declaration

```
public virtual string toJson()
```

Returns

TYPE	**DESCRIPTION**
System.String	A JSON string equivalent to the MessageOptions instance.

Exceptions

TYPE	**CONDITION**
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

Class MessagesRequester

This class represents the set of wrappers around the FreeClimb Message API. It provides methods to handle all the operations supported by the FreeClimb Message API.

Inheritance

System.Object

APIRequester

MessagesRequester

Inherited Members

APIRequester.FREECLIMB_URL

APIRequester.GetFreeClimbUrl

APIRequester.SetFreeClimbUrl(String)

APIRequester.GET(String)

APIRequester.GET(String, IDictionary<String, String>)

APIRequester.GETStream(String)

APIRequester.GETStream(String, IDictionary<String, String>)

APIRequester.POST(String, String)

APIRequester.DELETE(String)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.message

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public class MessagesRequester : APIRequester
```

Constructors

MessagesRequester(String, String, String)

Creates a MessageRequester. For most SDK users MessageRequester will be created automatically by the FreeClimbClient but is available for more users who only require the features in this specific requester and not the rest of the features of the FreeClimbClient.

Declaration

```
public MessagesRequester(string credAccountId, string credAuthToken, string accountId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	credAccountId	The accountId to use as authentication credentials in the HTTP Basic Auth header for requests made by this requester.

TYPE	NAME	DESCRIPTION
System.String	credAuthToken	The authToken to use as authentication credentials in the HTTP Basic Auth header for requests made by this requester.
System.String	accountId	The accountId to act as. This can be the same as the credAccountId or the accountId of a subaccount of the credAccountId.

Properties

getAccountId

Retrieve accountId object value.

Declaration

```
public string getAccountId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The accountId being used for authentication.

getAuthToken

Retrieve authToken object value.

Declaration

```
public string getAuthToken { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The authToken being used for authentication.

getfreeClimbUrl

Retrieve FreeClimb API Url object value.

Declaration

```
public string getfreeClimbUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The url being used for the FreeClimb API.

getPath

Retrieve path object value.

```
public string getPath { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The base path used for the FreeClimb API.

Methods

create(String, String, String, MessageOptions)

Create a new message through the FreeClimb API

Declaration

```
public Message create(string from, string to, string text, MessageOptions options = null)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	from	the phone number the message is being sent from. Formatted in E.164 format. This must be a number purchase from FreeClimb or a verified phone number owned by the user.
System.String	to	the phone number the message is being sent to. Formatted in E.164 format.
System.String	text	The text of the message. Should be 254 chars or less
MessageOptions	options	optional parameters used when creating a message.

Returns

TYPE	DESCRIPTION
Message	A Message object returned by FreeClimb that represents the message that was created.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

get(MessagesSearchFilter)

Retrieve a list of messages from FreeClimb.

Declaration

```
public MessageList get(MessagesSearchFilter filters = null)
```

Parameters

TYPE	NAME	DESCRIPTION
MessagesSearchFilter	filters	Optional MessagesSearchFilter instance to filter list of messages.

Returns

TYPE	DESCRIPTION
MessageList	An in-language representation of FreeClimb's paginated list response.This will be a paginated list of message instances as returned by the FreeClimb API.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

get(String)

Retrieve a single message from FreeClimb.

Declaration

```
public Message get(string messageId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	messageId	The messageId of the target message.

Returns

TYPE	DESCRIPTION
Message	The message matching the messageId provided.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

Class MessagesSearchFilter

The class represents the messages search fields which can be passed retrieving a list of messages.

Inheritance

System.Object

MessagesSearchFilter

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.message

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class MessagesSearchFilter
```

Properties

getBeginTime

Retrieve the beginTime value. The format of this date string is YYYY-MM-DD hh:mm:ss.

Declaration

```
public string getBeginTime { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The beginTime value of the object.

getDirection

Retrieve the direction value.

Declaration

```
public EMessageDirection getDirection { get; }
```

Property Value

TYPE	DESCRIPTION
EMessageDirection	The direction value of the object.

getEndTime

Retrieve the endTime value. The format of this date string is YYYY-MM-DD hh:mm:ss.

Declaration

```
public string getEndTime { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The endTime value of the object.

getFrom

Retrieve the from value.

Declaration

```
public string getFrom { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The from value of the object.

getTo

Retrieve the to value.

Declaration

```
public string getTo { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The to value of the object.

Methods

fromJson(String)

Helper method to build a MessasgesSearchFilter object from the JSON string.

Declaration

```
public static MessagesSearchFilter fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a MessasgesSearchFilter instance.

Returns

TYPE	DESCRIPTION
MessagesSearchFilter	A MessasgesSearchFilter object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

setBeginTime(String)

Sets the beginTime object value. Note the format of this string is YYYY-MM-DD hh:mm:ss.

Declaration

```
public void setBeginTime(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	beginTime value.

setDirection(EMessageDirection)

Sets the direction object value.

Declaration

```
public void setDirection(EMessageDirection val)
```

Parameters

TYPE	NAME	DESCRIPTION
EMessageDirection	val	from value.

setEndTime(String)

Sets the endTime object value. Note the format of this string is YYYY-MM-DD hh:mm:ss.

Declaration

```
public void setEndTime(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	endTime value.

setFrom(String)

Sets the from object value.

```
public void setFrom(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	from value.

setTo(String)

Sets the to object value.

Declaration

```
public void setTo(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	to value.

toDict()

Retrieve the KVP Dictionary for the MessagesSearchFilters instance.

Declaration

```
public IDictionary<string, string> toDict()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.String>	KVP Dictionary

toJson()

Helper method to build a JSON string from a MessasgesSearchFilter instance.

Declaration

```
public virtual string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the MessasgesSearchFilter instance.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Namespace com.freeclimb.api.phonenumber

Classes

AvailablePhoneNumber

This class represents a FreeClimb AvailablePhoneNumber instance. AvailablePhoneNumbers can be queried and then used to create IncomingPhoneNumbers for your account.

AvailablePhoneNumberList

Represents a paginated list of FreeClimb AvailablePhoneNumber instances. This object will be automatically created by AvailablePhoneNumbersRequester.

AvailablePhoneNumbersRequester

This class represents the set of wrappers around the FreeClimb AvailablePhoneNumber API. It provides methods to handle all the operations supported by the FreeClimb AvailablePhoneNumber API.

AvailablePhoneNumbersSearchFilter

The class represents the AvailablePhoneNumber search fields which can be used to retrieve a list of AvailablePhoneNumbers.

CallingNumber

This class represents a FreeClimb CallingNumber instance. CallingNumber objects represent phone numbers that you own and can be used for outbound calls.

CallingNumberList

Represents a paginated list of FreeClimb CallingNumber instances. This object will be automatically created by CallingNumbersRequester.

CallingNumberOptions

The class represents the common callingNumber optional fields to use when updating and creating callingNumbers.

CallingNumbersRequester

This class represents the set of wrappers around the FreeClimb CallingNumber API. It provides methods to handle all the operations supported by the FreeClimb CallingNumber API.

CallingNumbersSearchFilter

The class represents the CallingNumber search fields which can be passed retrieving a list of CallingNumbers.

IncomingPhoneNumber

This class represents a FreeClimb IncomingPhoneNumber instance. IncomingPhoneNumber objects can be created by the IncomingPhoneNumberRequester inside a FreeClimbClient instance, or using the portal's Buy a Number functionality.

IncomingPhoneNumberList

Represents a paginated list of FreeClimb IncomingPhoneNumber instances. This object will be automatically created by IncomingPhoneNumbersRequester.

IncomingPhoneNumberOptions

The class represents the common incomingPhoneNumber optional fields to use when updating and creating incomingPhoneNumbers.

IncomingPhoneNumbersRequester

This class represents the set of wrappers around the FreeClimb IncomingPhoneNumber API. It provides methods to handle all the

operations supported by the FreeClimb IncomingPhoneNumber API.

IncomingPhoneNumbersSearchFilter

The class represents the IncomingPhoneNumber search fields which can be passed retrieving a list of IncomingPhoneNumbers.

Class AvailablePhoneNumber

This class represents a FreeClimb AvailablePhoneNumber instance. AvailablePhoneNumbers can be queried and then used to create IncomingPhoneNumbers for your account.

Inheritance

System.Object

AvailablePhoneNumber

Implements

System.IEquatable<AvailablePhoneNumber>

IFreeClimbCommon

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.phonenumber

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public class AvailablePhoneNumber : IEquatable<AvailablePhoneNumber>, IFreeClimbCommon
```

Remarks

AvailablePhoneNumbers are immutable and intended only to be used to read information returned from the API in a language accessible way.

Properties

getAlias

Retrieve the alias for this availablePhoneNumber from the object.

Declaration

```
public string getAlias { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The alias for this availablePhoneNumber.

getCountry

Retrieve the country for this availablePhoneNumber from the object.

Declaration

```
public string getCountry { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The country for this availablePhoneNumber.

getPhoneNumber

Retrieve the phoneNumber for this availablePhoneNumber from the object.

Declaration

```
public string getPhoneNumber { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The phoneNumber for this availablePhoneNumber.

getRegion

Retrieve the region for this availablePhoneNumber from the object.

Declaration

```
public string getRegion { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The region for this availablePhoneNumber.

getSmsEnabled

Retrieve the smsEnabled for this availablePhoneNumber from the object.

Declaration

```
public bool getSmsEnabled { get; }
```

Property Value

TYPE	DESCRIPTION
System.Boolean	The smsEnabled for this availablePhoneNumber.

getVoiceEnabled

Retrieve the voiceEnabled for this availablePhoneNumber from the object.

Declaration

```
public bool getVoiceEnabled { get; }
```

Property Value

TYPE	DESCRIPTION
System.Boolean	The voiceEnabled for this availablePhoneNumber.

Methods

Equal(AvailablePhoneNumber, AvailablePhoneNumber)

Helper method to deep compare two AvailablePhoneNumber instances.

Declaration

```
public static bool Equal(AvailablePhoneNumber a, AvailablePhoneNumber b)
```

Parameters

TYPE	NAME	DESCRIPTION
[AvailablePhoneNumber](#)	a	AvailablePhoneNumber instance one.
[AvailablePhoneNumber](#)	b	AvailablePhoneNumber instance two.

Returns

TYPE	DESCRIPTION
System.Boolean	True is a == b, otherwise false.

Equals(AvailablePhoneNumber)

Compares the current instance with another object of the same type.

Declaration

```
public bool Equals(AvailablePhoneNumber other)
```

Parameters

TYPE	NAME	DESCRIPTION
[AvailablePhoneNumber](#)	other	AvailablePhoneNumber object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Equals(Object)

Compares the current instance with another object of the same type.

Declaration

```
public override bool Equals(object obj)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Object	obj	Object of type AvailablePhoneNumber.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Overrides

System.Object.Equals(System.Object)

fromJson(String)

Helper method to build an AvailablePhoneNumber object from the JSON string.

Declaration

```
public static AvailablePhoneNumber fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing an AvailablePhoneNumber instance.

Returns

TYPE	DESCRIPTION
[AvailablePhoneNumber](#)	An AvailablePhoneNumber object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

GetHashCode()

Serves as the default hash function.

Declaration

```
public override int GetHashCode()
```

Returns

TYPE	DESCRIPTION
System.Int32	A hash code for the current object.

Overrides

System.Object.GetHashCode()

Operators

Equality(AvailablePhoneNumber, AvailablePhoneNumber)

AvailablePhoneNumber equality operator.

Declaration

```
public static bool operator ==(AvailablePhoneNumber a, AvailablePhoneNumber b)
```

Parameters

TYPE	NAME	DESCRIPTION
AvailablePhoneNumber	a	AvailablePhoneNumber object.
AvailablePhoneNumber	b	AvailablePhoneNumber object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if equal otherwise false.

Inequality(AvailablePhoneNumber, AvailablePhoneNumber)

AvailablePhoneNumber inequality operator.

Declaration

```
public static bool operator !=(AvailablePhoneNumber a, AvailablePhoneNumber b)
```

Parameters

TYPE	NAME	DESCRIPTION
AvailablePhoneNumber	a	AvailablePhoneNumber object.
AvailablePhoneNumber	b	AvailablePhoneNumber object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if not equal otherwise false.

Implements

System.IEquatable<T>

IFreeClimbCommon

Class AvailablePhoneNumberList

Represents a paginated list of FreeClimb AvailablePhoneNumber instances. This object will be automatically created by AvailablePhoneNumbersRequester.

Inheritance

System.Object

APIRequester

FreeClimbList

AvailablePhoneNumberList

Inherited Members

FreeClimbList.getTotalSize

FreeClimbList.getLocalSize

FreeClimbList.get(Int32)

FreeClimbList.export()

FreeClimbList.loadNextPage()

FreeClimbList.buildFromJson(String)

APIRequester.FREECLIMB_URL

APIRequester.getAccountId

APIRequester.getAuthToken

APIRequester.GetFreeClimbUrl

APIRequester.SetFreeClimbUrl(String)

APIRequester.GET(String)

APIRequester.GET(String, IDictionary<String, String>)

APIRequester.GETStream(String)

APIRequester.GETStream(String, IDictionary<String, String>)

APIRequester.POST(String, String)

APIRequester.DELETE(String)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.phonenumber

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public sealed class AvailablePhoneNumberList : FreeClimbList
```

Constructors

AvailablePhoneNumberList(String, String, String)

Creates a new AvailablePhoneNumberList.

Declaration

```
public AvailablePhoneNumberList(string accountId, string authToken, string rawPage)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	accountId	The accountId to use in requests for subsequent pages.
System.String	authToken	The authToken to use in requests for subsequent pages.
System.String	rawPage	The raw JSON string representing a page of an AvailablePhoneNumber list from the FreeClimb API.

Methods

constructElement(String)

Used by AvailablePhoneNumberList to create AvailablePhoneNumber objects from the JSON list.

Declaration

```
protected override IFreeClimbCommon constructElement(string element)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	element	A JSON string representing a FreeClimb AvailablePhoneNumber instance.

Returns

TYPE	DESCRIPTION
IFreeClimbCommon	An equivalent AvailablePhoneNumber object to the one represented by the inputted JSON string.

Overrides

[FreeClimbList.constructElement(String)](#)

Class AvailablePhoneNumbersRequester

This class represents the set of wrappers around the FreeClimb AvailablePhoneNumber API. It provides methods to handle all the operations supported by the FreeClimb AvailablePhoneNumber API.

Inheritance

System.Object

[APIRequester](#)

AvailablePhoneNumbersRequester

Inherited Members

[APIRequester.FREECLIMB_URL](#)

[APIRequester.getAccountId](#)

[APIRequester.getAuthToken](#)

[APIRequester.GetFreeClimbUrl](#)

[APIRequester.SetFreeClimbUrl(String)](#)

[APIRequester.GET(String)](#)

[APIRequester.GET(String, IDictionary<String, String>)](#)

[APIRequester.GETStream(String)](#)

[APIRequester.GETStream(String, IDictionary<String, String>)](#)

[APIRequester.POST(String, String)](#)

[APIRequester.DELETE(String)](#)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.phonenumber

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public class AvailablePhoneNumbersRequester : APIRequester
```

Constructors

AvailablePhoneNumbersRequester(String, String, String)

Creates an AvailablePhoneNumbersRequester. For most SDK users AvailablePhoneNumbersRequester will be created automatically by the FreeClimbClient but is available for more users who only require the features in this specific requester and not the rest of the features of the FreeClimbClient.

Declaration

```
public AvailablePhoneNumbersRequester(string credAccountId, string credAuthToken, string accountId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	credAccountId	The accountId to use as authentication credentials in the HTTP Basic Auth header for requests made by this requester.

TYPE	NAME	DESCRIPTION
System.String	credAuthToken	The authToken to use as authentication credentials in the HTTP Basic Auth header for requests made by this requester.
System.String	accountId	The accountId to act as. This can be the same as the credAccountId or the accountId of a subaccount of the credAccountId.

Properties

getPath

Retrieve path object value.

Declaration

```
public string getPath { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The base path used for the FreeClimb API.

Methods

get(AvailablePhoneNumbersSearchFilter)

Retrieve a list of AvailablePhoneNumber from FreeClimb.

Declaration

```
public AvailablePhoneNumberList get(AvailablePhoneNumbersSearchFilter filters = null)
```

Parameters

TYPE	NAME	DESCRIPTION
[AvailablePhoneNumbersSearchFilter](#)	filters	Optional AvailablePhoneNumbersSearchFilter instance to filter list of AvailablePhoneNumbers.

Returns

TYPE	DESCRIPTION
[AvailablePhoneNumberList](#)	An in-language representation of FreeClimb's paginated list response.This will be a paginated list of AvailablePhoneNumber instances as returned by the FreeClimb API.

Exceptions

TYPE	CONDITION

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

Class AvailablePhoneNumbersSearchFilter

The class represents the AvailablePhoneNumber search fields which can be used to retrieve a list of AvailablePhoneNumbers.

Inheritance

System.Object

AvailablePhoneNumbersSearchFilter

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.phonenumber

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class AvailablePhoneNumbersSearchFilter
```

Properties

getAlias

Retrieve the alias value.

Declaration

```
public string getAlias { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The alias value of the object.

getPhoneNumber

Retrieve the phoneNumber value.

Declaration

```
public string getPhoneNumber { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The phoneNumber value of the object.

Methods

fromJson(String)

Helper method to build an AvailablePhoneNumbersSearchFilter object from the JSON string.

Declaration

```
public static AvailablePhoneNumbersSearchFilter fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing an AvailablePhoneNumbersSearchFilter instance.

Returns

TYPE	DESCRIPTION
AvailablePhoneNumbersSearchFilter	An AvailablePhoneNumbersSearchFilter object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

setAlias(String)

Sets the alias object value.

Declaration

```
public void setAlias(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	alias value.

setPhoneNumber(String)

Sets the phoneNumber object value.

Declaration

```
public void setPhoneNumber(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	phoneNumber value.

toDict()

Retrieve the KVP Dictionary for the AvailablePhoneNumbersSearchFilter instance.

Declaration

```
public IDictionary<string, string> toDict()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.String>	KVP Dictionary

toJson()

Helper method to build a JSON string from an AvailablePhoneNumbersSearchFilter instance.

Declaration

```
public virtual string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the AvailablePhoneNumbersSearchFilter instance.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Class CallingNumber

This class represents a FreeClimb CallingNumber instance. CallingNumber objects represent phone numbers that you own and can be used for outbound calls.

System.Object

FreeClimbCommon

CallingNumber

Implements

IFreeClimbCommon

System.IEquatable<FreeClimbCommon>

System.IEquatable<CallingNumber>

Inherited Members

FreeClimbCommon.getUri

FreeClimbCommon.getDateCreated

FreeClimbCommon.getDateUpdated

FreeClimbCommon.getRevision

FreeClimbCommon.Equal(FreeClimbCommon, FreeClimbCommon)

FreeClimbCommon.Equals(FreeClimbCommon)

System.Object.ToString()

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.phonenumber

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public class CallingNumber : FreeClimbCommon, IFreeClimbCommon, IEquatable<FreeClimbCommon>,
IEquatable<CallingNumber>
```

Remarks

CallingNumbers are immutable and intended only to be used to read information returned from the API in a language accessible way.

Properties

getAccountId

Retrieve the accountId for this CallingNumber from the object.

Declaration

```
public string getAccountId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The accountId for this CallingNumber.

getAlias

Retrieve the alias for this CallingNumber from the object.

Declaration

```
public string getAlias { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The alias for this CallingNumber.

getCallingNumberId

Retrieve the callingNumberId for this CallingNumber from the object.

Declaration

```
public string getCallingNumberId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The callingNumberId for this CallingNumber.

getPhoneNumber

Retrieve the phoneNumber for this CallingNumber from the object.

Declaration

```
public string getPhoneNumber { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The phoneNumber for this CallingNumber.

Methods

Equal(CallingNumber, CallingNumber)

Helper method to deep compare two CallingNumber instances.

Declaration

```
public static bool Equal(CallingNumber a, CallingNumber b)
```

Parameters

TYPE	NAME	DESCRIPTION
CallingNumber	a	CallingNumber instance one.

TYPE	NAME	DESCRIPTION
CallingNumber	b	CallingNumber instance two.

Returns

TYPE	DESCRIPTION
System.Boolean	True is a == b, otherwise false.

Equals(CallingNumber)

Compares the current instance with another object of the same type.

Declaration

```
public bool Equals(CallingNumber other)
```

Parameters

TYPE	NAME	DESCRIPTION
CallingNumber	other	CallingNumber object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Equals(Object)

Compares the current instance with another object of the same type.

Declaration

```
public override bool Equals(object obj)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Object	obj	Object of type CallingNumber.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Overrides

fromJson(String)

Helper method to build a CallingNumber object from the JSON string.

Declaration

```
public static CallingNumber fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a CallingNumber instance.

Returns

TYPE	DESCRIPTION
CallingNumber	A CallingNumber object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

GetHashCode()

Serves as the default hash function.

Declaration

```
public override int GetHashCode()
```

Returns

TYPE	DESCRIPTION
System.Int32	A hash code for the current object.

Overrides

Operators

Equality(CallingNumber, CallingNumber)

CallingNumber equality operator.

Declaration

```
public static bool operator ==(CallingNumber a, CallingNumber b)
```

Parameters

TYPE	NAME	DESCRIPTION
CallingNumber	a	CallingNumber object.
CallingNumber	b	CallingNumber object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if equal otherwise false.

Inequality(CallingNumber, CallingNumber)

CallingNumber inequality operator.

Declaration

```
public static bool operator !=(CallingNumber a, CallingNumber b)
```

Parameters

TYPE	NAME	DESCRIPTION
CallingNumber	a	CallingNumber object.
CallingNumber	b	CallingNumber object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if not equal otherwise false.

Implements

IFreeClimbCommon
System.IEquatable<T>
System.IEquatable<T>

Class CallingNumberList

Represents a paginated list of FreeClimb CallingNumber instances. This object will be automatically created by CallingNumbersRequester.

Inheritance

System.Object

APIRequester

FreeClimbList

CallingNumberList

Inherited Members

FreeClimbList.getTotalSize

FreeClimbList.getLocalSize

FreeClimbList.get(Int32)

FreeClimbList.export()

FreeClimbList.loadNextPage()

FreeClimbList.buildFromJson(String)

APIRequester.FREECLIMB_URL

APIRequester.getAccountId

APIRequester.getAuthToken

APIRequester.GetFreeClimbUrl

APIRequester.SetFreeClimbUrl(String)

APIRequester.GET(String)

APIRequester.GET(String, IDictionary<String, String>)

APIRequester.GETStream(String)

APIRequester.GETStream(String, IDictionary<String, String>)

APIRequester.POST(String, String)

APIRequester.DELETE(String)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.phonenumber

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public sealed class CallingNumberList : FreeClimbList
```

Constructors

CallingNumberList(String, String, String)

Creates a new CallingNumberList.

Declaration

```
public CallingNumberList(string accountId, string authToken, string rawPage)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	accountId	The accountId to use in requests for subsequent pages.
System.String	authToken	The authToken to use in requests for subsequent pages.
System.String	rawPage	The raw JSON string representing a page of an AvailablePhoneNumber list from the FreeClimb API.

Methods

constructElement(String)

Used by CallingNumberList to create CallingNumber objects from the JSON list.

Declaration

```
protected override IFreeClimbCommon constructElement(string element)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	element	A JSON string representing a FreeClimb CallingNumber instance.

Returns

TYPE	DESCRIPTION
[IFreeClimbCommon](#)	An equivalent CallingNumber object to the one represented by the inputted JSON string.

Overrides

[FreeClimbList.constructElement(String)](#)

Class CallingNumberOptions

The class represents the common callingNumber optional fields to use when updating and creating callingNumbers.

Namespace: com.freeclimb.api.phonenumber
Assembly: freeclimb-cs-sdk.dll

Syntax

```
public class CallingNumberOptions : CommonFields
```

Properties

getAlias

Retrieve the alias value.

Declaration

```
public string getAlias { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The alias value of the object.

Methods

fromJson(String)

Helper method to build a CallingNumberOptions object from the JSON string.

Declaration

```
public static CallingNumberOptions fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a CallingNumberOptions instance.

Returns

TYPE	DESCRIPTION
CallingNumberOptions	A CallingNumberOptions object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

setAlias(String)

Sets the alias value.

Declaration

```
public void setAlias(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	alias value.

toJson()

Helper method to build a JSON string from a CallingNumberOptions instance.

Declaration

```
public virtual string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the CallingNumberOptions instance.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Class CallingNumbersRequester

This class represents the set of wrappers around the FreeClimb CallingNumber API. It provides methods to handle all the operations supported by the FreeClimb CallingNumber API.

Inheritance

System.Object

APIRequester

CallingNumbersRequester

Inherited Members

APIRequester.FREECLIMB_URL

APIRequester.getAccountId

APIRequester.getAuthToken

APIRequester.GetFreeClimbUrl

APIRequester.SetFreeClimbUrl(String)

APIRequester.GET(String)

APIRequester.GET(String, IDictionary<String, String>)

APIRequester.GETStream(String)

APIRequester.GETStream(String, IDictionary<String, String>)

APIRequester.POST(String, String)

APIRequester.DELETE(String)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.phonenumber

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public class CallingNumbersRequester : APIRequester
```

Constructors

CallingNumbersRequester(String, String, String)

Creates a CallingNumbersRequester. For most SDK users CallingNumbersRequester will be created automatically by the FreeClimbClient but is available for more users who only require the features in this specific requester and not the rest of the features of the FreeClimbClient.

Declaration

```
public CallingNumbersRequester(string credAccountId, string credAuthToken, string accountId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	credAccountId	The accountId to use as authentication credentials in the HTTP Basic Auth header for requests made by this requester.

TYPE	NAME	DESCRIPTION
System.String	credAuthToken	The authToken to use as authentication credentials in the HTTP Basic Auth header for requests made by this requester.
System.String	accountId	The accountId to act as. This can be the same as the credAccountId or the accountId of a subaccount of the credAccountId.

Properties

getPath

Retrieve path object value.

Declaration

```
public string getPath { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The base path used for the FreeClimb API.

Methods

create(String, CallingNumberOptions)

Create a new CallingNumber through the FreeClimb API

Declaration

```
public CallingNumber create(string phoneNumber, CallingNumberOptions options = null)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	phoneNumber	The phoneNumber of the CallingNumber to create.
CallingNumberOptions	options	Optional CallingNumberOptions instance to be used when creating an CallingNumber.

Returns

TYPE	DESCRIPTION
CallingNumber	A CallingNumber object returned by FreeClimb that represents the CallingNumber that was created.

Exceptions

TYPE	CONDITION
[FreeClimbException]	Thrown upon failed request.

delete(String)

Delete a FreeClimb CallingNumber.

Declaration

```
public void delete(string callingNumberId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	callingNumberId	The callingNumberId of the target CallingNumber.

Exceptions

TYPE	CONDITION
[FreeClimbException]	Thrown upon failed request.

get(CallingNumbersSearchFilter)

Retrieve a list of CallingNumbers from FreeClimb.

Declaration

```
public CallingNumberList get(CallingNumbersSearchFilter filters = null)
```

Parameters

TYPE	NAME	DESCRIPTION
[CallingNumbersSearchFilter]	filters	Optional CallingNumbersSearchFilter instance to filter list of CallingNumbers.

Returns

TYPE	DESCRIPTION
[CallingNumberList]	An in-language representation of FreeClimb's paginated list response.This will be a paginated list of CallingNumber instances as returned by the FreeClimb API.

Exceptions

TYPE	CONDITION
[FreeClimbException]	Thrown upon failed request.

get(String)

Retrieve a single CallingNumber from FreeClimb.

Declaration

```
public CallingNumber get(string id)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	The callingNumberId of the target resource.

Returns

TYPE	DESCRIPTION
CallingNumber	The CallingNumber matching the id provided.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

update(String, CallingNumberOptions)

Update a single callingNumber.

Declaration

```
public CallingNumber update(string callingNumberId, CallingNumberOptions options)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	callingNumberId	The callingNumberId of the target callingNumber.
CallingNumberOptions	options	Optional CallingNumberOptions instance to be used when updating an callingNumber.

Returns

TYPE	DESCRIPTION
CallingNumber	The updated callingNumber matching the callingNumberId provided.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

Class CallingNumbersSearchFilter

The class represents the CallingNumber search fields which can be passed retrieving a list of CallingNumbers.

System.Object

CallingNumbersSearchFilter

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.phonenumber

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class CallingNumbersSearchFilter
```

Properties

getAlias

Retrieve the alias value.

Declaration

```
public string getAlias { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The alias value of the object.

getPhoneNumber

Retrieve the phoneNumber value.

Declaration

```
public string getPhoneNumber { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The phoneNumber value of the object.

Methods

fromJson(String)

Helper method to build a CallingNumbersSearchFilter object from the JSON string.

Declaration

```
public static CallingNumbersSearchFilter fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a CallingNumbersSearchFilter instance.

Returns

TYPE	DESCRIPTION
CallingNumbersSearchFilter	A CallingNumbersSearchFilter object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

setAlias(String)

Sets the alias object value.

Declaration

```
public void setAlias(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	alias value.

setPhoneNumber(String)

Sets the phoneNumber object value.

Declaration

```
public void setPhoneNumber(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	phoneNumber value.

toDict()

Retrieve the KVP Dictionary for the CallingNumbersSearchFilter instance.

Declaration

```
public IDictionary<string, string> toDict()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.String>	KVP Dictionary

toJson()

Helper method to build a JSON string from a CallingNumbersSearchFilter instance.

Declaration

```
public virtual string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the CallingNumbersSearchFilter instance.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Class IncomingPhoneNumber

This class represents a FreeClimb IncomingPhoneNumber instance. IncomingPhoneNumber objects can be created by the IncomingPhoneNumberRequester inside a FreeClimbClient instance, or using the portal's Buy a Number functionality.

Inheritance

System.Object

FreeClimbCommon

IncomingPhoneNumber

Implements

IFreeClimbCommon

System.IEquatable<FreeClimbCommon>

System.IEquatable<IncomingPhoneNumber>

Inherited Members

FreeClimbCommon.getUri

FreeClimbCommon.getDateCreated

FreeClimbCommon.getDateUpdated

FreeClimbCommon.getRevision

FreeClimbCommon.Equal(FreeClimbCommon, FreeClimbCommon)

FreeClimbCommon.Equals(FreeClimbCommon)

System.Object.ToString()

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.phonenumber

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public class IncomingPhoneNumber : FreeClimbCommon, IFreeClimbCommon, IEquatable<FreeClimbCommon>,
IEquatable<IncomingPhoneNumber>
```

Remarks

IncomingPhoneNumbers are immutable and intended only to be used to read information returned from the API in a language accessible way.

Properties

getAccountId

Retrieve the accountId for this incomingPhoneNumber from the object.

Declaration

```
public string getAccountId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The accountId for this incomingPhoneNumber.

getAlias

Retrieve the alias for this incomingPhoneNumber from the object.

Declaration

```
public string getAlias { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The alias for this incomingPhoneNumber.

getApplicationId

Retrieve the applicationId for this incomingPhoneNumber from the object.

Declaration

```
public string getApplicationId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The applicationId for this incomingPhoneNumber.

getCountry

Retrieve the country for this incomingPhoneNumber from the object.

Declaration

```
public string getCountry { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The country for this incomingPhoneNumber.

getPhoneNumber

Retrieve the phoneNumber for this incomingPhoneNumber from the object.

Declaration

```
public string getPhoneNumber { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The phoneNumber for this incomingPhoneNumber.

getPhoneNumberId

Retrieve the phoneNumberId for this incomingPhoneNumber from the object.

Declaration

```
public string getPhoneNumberId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The phoneNumberId for this incomingPhoneNumber.

getRegion

Retrieve the region for this incomingPhoneNumber from the object.

Declaration

```
public string getRegion { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The region for this incomingPhoneNumber.

getSmsEnabled

Retrieve the smsEnabled for this incomingPhoneNumber from the object.

Declaration

```
public bool getSmsEnabled { get; }
```

Property Value

TYPE	DESCRIPTION
System.Boolean	The smsEnabled for this incomingPhoneNumber.

getVoiceEnabled

Retrieve the voiceEnabled for this incomingPhoneNumber from the object.

Declaration

```
public bool getVoiceEnabled { get; }
```

Property Value

TYPE	DESCRIPTION
System.Boolean	The voiceEnabled for this incomingPhoneNumber.

Methods

Equal(IncomingPhoneNumber, IncomingPhoneNumber)

Helper method to deep compare two IncomingPhoneNumber instances.

Declaration

```
public static bool Equal(IncomingPhoneNumber a, IncomingPhoneNumber b)
```

Parameters

TYPE	NAME	DESCRIPTION
IncomingPhoneNumber	a	IncomingPhoneNumber instance one.
IncomingPhoneNumber	b	IncomingPhoneNumber instance two.

Returns

TYPE	DESCRIPTION
System.Boolean	True is a == b, otherwise false.

Equals(IncomingPhoneNumber)

Compares the current instance with another object of the same type.

Declaration

```
public bool Equals(IncomingPhoneNumber other)
```

Parameters

TYPE	NAME	DESCRIPTION
IncomingPhoneNumber	other	IncomingPhoneNumber object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Equals(Object)

Compares the current instance with another object of the same type.

Declaration

```
public override bool Equals(object obj)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Object	obj	Object of type IncomingPhoneNumber.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Overrides

FreeClimbCommon.Equals(Object)

fromJson(String)

Helper method to build an IncomingPhoneNumber object from the JSON string.

Declaration

```
public static IncomingPhoneNumber fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing an incomingPhoneNumber instance.

Returns

TYPE	DESCRIPTION
IncomingPhoneNumber	An IncomingPhoneNumber object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

GetHashCode()

Serves as the default hash function.

Declaration

```
public override int GetHashCode()
```

Returns

TYPE	DESCRIPTION

TYPE	DESCRIPTION
System.Int32	A hash code for the current object.

Overrides

FreeClimbCommon.GetHashCode()

Operators

Equality(IncomingPhoneNumber, IncomingPhoneNumber)

IncomingPhoneNumber equality operator.

Declaration

```
public static bool operator ==(IncomingPhoneNumber a, IncomingPhoneNumber b)
```

Parameters

TYPE	NAME	DESCRIPTION
IncomingPhoneNumber	a	IncomingPhoneNumber object.
IncomingPhoneNumber	b	IncomingPhoneNumber object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if equal otherwise false.

Inequality(IncomingPhoneNumber, IncomingPhoneNumber)

IncomingPhoneNumber inequality operator.

Declaration

```
public static bool operator !=(IncomingPhoneNumber a, IncomingPhoneNumber b)
```

Parameters

TYPE	NAME	DESCRIPTION
IncomingPhoneNumber	a	IncomingPhoneNumber object.
IncomingPhoneNumber	b	IncomingPhoneNumber object.

Returns

T Y P E	D E S C R I P T I O N
System.Boolean	true if not equal otherwise false.

Implements

[IFreeClimbCommon](#)

System.IEquatable<T>

System.IEquatable<T>

Class IncomingPhoneNumberList

Represents a paginated list of FreeClimb IncomingPhoneNumber instances. This object will be automatically created by IncomingPhoneNumbersRequester.

Inheritance

System.Object

APIRequester

FreeClimbList

IncomingPhoneNumberList

Inherited Members

FreeClimbList.getTotalSize

FreeClimbList.getLocalSize

FreeClimbList.get(Int32)

FreeClimbList.export()

FreeClimbList.loadNextPage()

FreeClimbList.buildFromJson(String)

APIRequester.FREECLIMB_URL

APIRequester.getAccountId

APIRequester.getAuthToken

APIRequester.GetFreeClimbUrl

APIRequester.SetFreeClimbUrl(String)

APIRequester.GET(String)

APIRequester.GET(String, IDictionary<String, String>)

APIRequester.GETStream(String)

APIRequester.GETStream(String, IDictionary<String, String>)

APIRequester.POST(String, String)

APIRequester.DELETE(String)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.phonenumber

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public sealed class IncomingPhoneNumberList : FreeClimbList
```

Constructors

IncomingPhoneNumberList(String, String, String)

Creates a new IncomingPhoneNumberList.

Declaration

```
public IncomingPhoneNumberList(string accountId, string authToken, string rawPage)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	accountId	The accountId to use in requests for subsequent pages.
System.String	authToken	The authToken to use in requests for subsequent pages.
System.String	rawPage	The raw JSON string representing a page of an incoming phone number list from the FreeClimb API.

Methods

constructElement(String)

Used by IncomingPhoneNumberList to create IncomingPhoneNumber objects from the JSON list.

Declaration

```
protected override IFreeClimbCommon constructElement(string element)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	element	A JSON string representing a FreeClimb incomingPhoneNumber instance.

Returns

TYPE	DESCRIPTION
IFreeClimbCommon	An equivalent IncomingPhoneNumber object to the one represented by the inputted JSON string.

Overrides

[FreeClimbList.constructElement(String)](#)

Class IncomingPhoneNumberOptions

The class represents the common incomingPhoneNumber optional fields to use when updating and creating incomingPhoneNumbers.

Inheritance

System.Object

CommonFields

IncomingPhoneNumberOptions

Inherited Members

CommonFields.getRequestId

CommonFields.setRequestId(String)

CommonFields.toDict()

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.phonenumber

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public class IncomingPhoneNumberOptions : CommonFields
```

Properties

getAlias

Retrieve the alias value.

Declaration

```
public string getAlias { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The alias value of the object.

getApplicationId

Retrieve the applicationId value.

Declaration

```
public string getApplicationId { get; }
```

Property Value

TYPE	DESCRIPTION

TYPE	DESCRIPTION
System.String	The alias value of the object.

Methods

fromJson(String)

Helper method to build an IncomingPhoneNumberOptions object from the JSON string.

Declaration

```
public static IncomingPhoneNumberOptions fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing an IncomingPhoneNumberOptions instance.

Returns

TYPE	DESCRIPTION
IncomingPhoneNumberOptions	An IncomingPhoneNumberOptions object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

setAlias(String)

Sets the alias value.

Declaration

```
public void setAlias(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	alias value.

setApplicationId(String)

Sets the applicationId value.

Declaration

```
public void setApplicationId(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	applicationId value.

toJson()

Helper method to build a JSON string from an IncomingPhoneNumberOptions instance.

Declaration

```
public virtual string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the IncomingPhoneNumberOptions instance.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Class IncomingPhoneNumbersRequester

This class represents the set of wrappers around the FreeClimb IncomingPhoneNumber API. It provides methods to handle all the operations supported by the FreeClimb IncomingPhoneNumber API.

Inheritance

System.Object

APIRequester

IncomingPhoneNumbersRequester

Inherited Members

APIRequester.FREECLIMB_URL

APIRequester.getAccountId

APIRequester.getAuthToken

APIRequester.GetFreeClimbUrl

APIRequester.SetFreeClimbUrl(String)

APIRequester.GET(String)

APIRequester.GET(String, IDictionary<String, String>)

APIRequester.GETStream(String)

APIRequester.GETStream(String, IDictionary<String, String>)

APIRequester.POST(String, String)

APIRequester.DELETE(String)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.phonenumber

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public class IncomingPhoneNumbersRequester : APIRequester
```

Constructors

IncomingPhoneNumbersRequester(String, String, String)

Creates an IncomingPhoneNumbersRequester. For most SDK users IncomingPhoneNumbersRequester will be created automatically by the FreeClimbClient but is available for more users who only require the features in this specific requester and not the rest of the features of the FreeClimbClient.

Declaration

```
public IncomingPhoneNumbersRequester(string credAccountId, string credAuthToken, string accountId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	credAccountId	The accountId to use as authentication credentials in the HTTP Basic Auth header for requests made by this requester.

TYPE	NAME	DESCRIPTION
System.String	credAuthToken	The authToken to use as authentication credentials in the HTTP Basic Auth header for requests made by this requester.
System.String	accountId	The accountId to act as. This can be the same as the credAccountId or the accountId of a subaccount of the credAccountId.

Properties

getPath

Retrieve path object value.

Declaration

```
public string getPath { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The base path used for the FreeClimb API.

Methods

create(String, IncomingPhoneNumberOptions)

Create a new incomingPhoneNumber through the FreeClimb API

Declaration

```
public IncomingPhoneNumber create(string phoneNumber, IncomingPhoneNumberOptions options = null)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	phoneNumber	the phone number of the incomingPhoneNumber to be created.
IncomingPhoneNumberOptions	options	Optional IncomingPhoneNumberOptions instance to be used when creating an incomingPhoneNumber.

Returns

TYPE	DESCRIPTION
IncomingPhoneNumber	An IncomingPhoneNumber object returned by FreeClimb that represents the incomingPhoneNumber that was created.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

delete(String)

Delete a FreeClimb IncomingPhoneNumber.

Declaration

```
public void delete(string phoneNumberId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	phoneNumberId	The phoneNumberId of the target incomingPhoneNumber.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

get(IncomingPhoneNumbersSearchFilter)

Retrieve a list of IncomingPhoneNumbers from FreeClimb.

Declaration

```
public IncomingPhoneNumberList get(IncomingPhoneNumbersSearchFilter filters = null)
```

Parameters

TYPE	NAME	DESCRIPTION
IncomingPhoneNumbersSearchFilter	filters	Optional IncomingPhoneNumbersSearchFilter instance to filter list of IncomingPhoneNumbers.

Returns

TYPE	DESCRIPTION
IncomingPhoneNumberList	An in-language representation of FreeClimb's paginated list response.This will be a paginated list of IncomingPhoneNumber instances as returned by the FreeClimb API.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

get(String)

Retrieve a single IncomingPhoneNumber from FreeClimb.

Declaration

```
public IncomingPhoneNumber get(string id)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	The phoneNumberId of the target resource.

Returns

TYPE	DESCRIPTION
IncomingPhoneNumber	The IncomingPhoneNumber matching the id provided.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

update(String, IncomingPhoneNumberOptions)

Update a single incomingPhoneNumber.

Declaration

```
public IncomingPhoneNumber update(string phoneNumberId, IncomingPhoneNumberOptions options)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	phoneNumberId	The phoneNumberId of the target incomingPhoneNumber.
IncomingPhoneNumberOptions	options	Optional IncomingPhoneNumberOptions instance to be used when updating an IncomingPhoneNumber.

Returns

TYPE	DESCRIPTION
IncomingPhoneNumber	The updated IncomingPhoneNumber matching the phoneNumberId provided.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

Class IncomingPhoneNumbersSearchFilter

The class represents the IncomingPhoneNumber search fields which can be passed retrieving a list of IncomingPhoneNumbers.

Inheritance

System.Object

IncomingPhoneNumbersSearchFilter

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.phonenumber

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class IncomingPhoneNumbersSearchFilter
```

Properties

getAlias

Retrieve the alias value.

Declaration

```
public string getAlias { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The alias value of the object.

getPhoneNumber

Retrieve the phoneNumber value.

Declaration

```
public string getPhoneNumber { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The phoneNumber value of the object.

Methods

fromJson(String)

Helper method to build an IncomingPhoneNumbersSearchFilter object from the JSON string.

Declaration

```
public static IncomingPhoneNumbersSearchFilter fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing an IncomingPhoneNumbersSearchFilter instance.

Returns

TYPE	DESCRIPTION
IncomingPhoneNumbersSearchFilter	An IncomingPhoneNumbersSearchFilter object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

setAlias(String)

Sets the alias object value.

Declaration

```
public void setAlias(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	alias value.

setPhoneNumber(String)

Sets the phoneNumber object value.

Declaration

```
public void setPhoneNumber(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	phoneNumber value.

toDict()

Retrieve the KVP Dictionary for the IncomingPhoneNumbersSearchFilter instance.

Declaration

```
public IDictionary<string, string> toDict()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.String>	KVP Dictionary

toJson()

Helper method to build a JSON string from an IncomingPhoneNumbersSearchFilter instance.

Declaration

```
public virtual string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the IncomingPhoneNumbersSearchFilter instance.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Namespace com.freeclimb.api.queue

Classes

Queue

This class represents a FreeClimb Queue instance. Queue objects are created by the SDK whenever a queue instance would be returned by the API; these primarily come from QueuesRequester inside a FreeClimbClient instance.

QueueList

Represents a paginated list of FreeClimb Queue instances. This object will be automatically created by QueuesRequester.

QueueMember

This class represents a FreeClimb Queue Member instance. Queue Member objects are created by the SDK whenever a queue member instance would be returned by the API; these primarily come from QueuesRequester inside a FreeClimbClient instance.

QueueMemberList

Represents a paginated list of FreeClimb QueueMember instances. This object will be automatically created by QueuesRequester.

QueueMemberOptions

The class represents the common queue optional fields.

QueueOptions

The class represents the common queue optional fields.

QueuesRequester

This class represents the set of wrappers around the FreeClimb Queues API. It provides methods to handle all the operations supported by the FreeClimb Queues API.

QueuesSearchFilters

The class represents the queues search fields which can be passed retrieving a list of queues.

Enums

Queue.SubresourceUri

This enumeration represents the various possible predefined values of the Queue.SubresourceUri field.

Class Queue

This class represents a FreeClimb Queue instance. Queue objects are created by the SDK whenever a queue instance would be returned by the API; these primarily come from QueuesRequester inside a FreeClimbClient instance.

Inheritance

System.Object

FreeClimbCommon

Queue

Implements

IFreeClimbCommon

System.IEquatable<FreeClimbCommon>

System.IEquatable<Queue>

Inherited Members

FreeClimbCommon.getUri

FreeClimbCommon.getDateCreated

FreeClimbCommon.getDateUpdated

FreeClimbCommon.getRevision

FreeClimbCommon.Equal(FreeClimbCommon, FreeClimbCommon)

FreeClimbCommon.Equals(FreeClimbCommon)

System.Object.ToString()

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.queue

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class Queue : FreeClimbCommon, IFreeClimbCommon, IEquatable<FreeClimbCommon>, IEquatable<Queue>
```

Remarks

Queue are immutable and intended only to be used to read information returned from the API in a language accessible way.

Properties

getAlias

Retrieve the alias for this queue from the object.

Declaration

```
public string getAlias { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The alias for this queue.

getAverageWaitTime

Retrieve the averageWaitTime for this queue from the object.

Declaration

```
public int getAverageWaitTime { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The averageWaitTime for this queue.

getCurrentSize

Retrieve the currentSize for this queue from the object.

Declaration

```
public int getCurrentSize { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The currentSize for this queue.

getMaxSize

Retrieve the maxSize for this queue from the object.

Declaration

```
public int getMaxSize { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The maxSize for this queue.

getQueueId

Retrieve the queueId for this queue from the object.

Declaration

```
public string getQueueId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The queueId for this queue.

getSubresourceUris

Retrieve the subresourceUris for this queue from the object.

```
public Dictionary<Queue.SubresourceUri, string> getSubresourceUris { get; }
```

Property Value

TYPE	DESCRIPTION
System.Collections.Generic.Dictionary<Queue.SubresourceUri, System.String>	The subresourceUris for this queue.

Methods

Equal(Queue, Queue)

Helper method to deep compare two Queue instances.

Declaration

```
public static bool Equal(Queue a, Queue b)
```

Parameters

TYPE	NAME	DESCRIPTION
Queue	a	Queue instance one.
Queue	b	Queue instance two.

Returns

TYPE	DESCRIPTION
System.Boolean	True is a == b, otherwise false.

Equals(Queue)

Compares the current instance with another object of the same type.

Declaration

```
public bool Equals(Queue other)
```

Parameters

TYPE	NAME	DESCRIPTION
Queue	other	Queue object.

Returns

TYPE	DESCRIPTION

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Equals(Object)

Compares the current instance with another object of the same type.

Declaration

```
public override bool Equals(object obj)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Object	obj	Object of type Queue.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Overrides

[FreeClimbCommon.Equals(Object)](#)

fromJson(String)

Helper method to build a Queue object from the JSON string.

Declaration

```
public static Queue fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a Queue instance.

Returns

TYPE	DESCRIPTION
[Queue](#)	A Queue object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

GetHashCode()

Serves as the default hash function.

Declaration

```
public override int GetHashCode()
```

Returns

TYPE	DESCRIPTION
System.Int32	A hash code for the current object.

Overrides

FreeClimbCommon.GetHashCode()

Operators

Equality(Queue, Queue)

Queue equality operator.

Declaration

```
public static bool operator ==(Queue a, Queue b)
```

Parameters

TYPE	NAME	DESCRIPTION
Queue	a	Queue object.
Queue	b	Queue object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if equal otherwise false.

Inequality(Queue, Queue)

Queue inequality operator.

Declaration

```
public static bool operator !=(Queue a, Queue b)
```

Parameters

Type	Name	Description
Queue	a	Queue object.
Queue	b	Queue object.

Returns

Type	Description
System.Boolean	true if not equal otherwise false.

Implements

[IFreeClimbCommon](#)

System.IEquatable<T>

System.IEquatable<T>

Enum Queue.SubresourceUri

This enumeration represents the various possible predefined values of the Queue.SubresourceUri field.

Namespace: com.freeclimb.api.queue

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonConverter(typeof(EnumConverter))]
public enum SubresourceUri
```

Fields

NAME	DESCRIPTION
Members	

Class QueueList

Represents a paginated list of FreeClimb Queue instances. This object will be automatically created by QueuesRequester.

Namespace: com.freeclimb.api.queue

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public sealed class QueueList : FreeClimbList
```

Constructors

QueueList(String, String, String)

Creates a new QueueList.

Declaration

```
public QueueList(string accountId, string authToken, string rawPage)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	accountId	The accountId to use in requests for subsequent pages.
System.String	authToken	The authToken to use in requests for subsequent pages.
System.String	rawPage	The raw JSON string representing a page of a queue list from the FreeClimb API.

Methods

constructElement(String)

Used by QueueList to create Queue objects from the JSON list.

Declaration

```
protected override IFreeClimbCommon constructElement(string element)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	element	A JSON string representing a FreeClimb queue instance.

Returns

TYPE	DESCRIPTION
IFreeClimbCommon	An equivalent queue object to the one represented by the inputted JSON string.

Overrides

FreeClimbList.constructElement(String)

Class QueueMember

This class represents a FreeClimb Queue Member instance. Queue Member objects are created by the SDK whenever a queue member instance would be returned by the API; these primarily come from QueuesRequester inside a FreeClimbClient instance.

Inheritance

System.Object

QueueMember

Implements

IFreeClimbCommon

System.IEquatable<QueueMember>

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.queue

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class QueueMember : IFreeClimbCommon, IEquatable<QueueMember>
```

Remarks

QueueMember are immutable and intended only to be used to read information returned from the API in a language accessible way.

Properties

getCallId

Retrieve the callId for this queue member from the object.

Declaration

```
public string getCallId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The callId for this queue member.

getDateEnqueued

Retrieve the dateEnqueued for this queue member from the object.

Declaration

```
public DateTime getDateEnqueued { get; }
```

Property Value

TYPE	DESCRIPTION
System.DateTime	The dateEnqueued for this queue member.

getPosition

Retrieve the position for this queue member from the object.

Declaration

```
public int getPosition { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The position for this queue member.

getUri

Retrieve the uri for this queue member from the object.

Declaration

```
public string getUri { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The uri for this queue member.

getWaitTime

Retrieve the waitTime for this queue member from the object.

Declaration

```
public int getWaitTime { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The waitTime for this queue member.

Methods

Equal(QueueMember, QueueMember)

Helper method to deep compare two QueueMember instances.

Declaration

```
public static bool Equal(QueueMember a, QueueMember b)
```

Parameters

TYPE	NAME	DESCRIPTION
QueueMember	a	QueueMember instance one.
QueueMember	b	QueueMember instance two.

Returns

TYPE	DESCRIPTION
System.Boolean	True is a == b, otherwise false.

Equals(QueueMember)

Compares the current instance with another object of the same type.

Declaration

```
public bool Equals(QueueMember other)
```

Parameters

TYPE	NAME	DESCRIPTION
QueueMember	other	QueueMember object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Equals(Object)

Compares the current instance with another object of the same type.

Declaration

```
public override bool Equals(object obj)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Object	obj	Object of type QueueMember.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Overrides

System.Object.Equals(System.Object)

fromJson(String)

Helper method to build a QueueMember object from the JSON string.

Declaration

```
public static QueueMember fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a QueueMember instance.

Returns

TYPE	DESCRIPTION
[QueueMember](#)	A QueueMember object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

GetHashCode()

Serves as the default hash function.

Declaration

```
public override int GetHashCode()
```

Returns

TYPE	DESCRIPTION
System.Int32	A hash code for the current object.

Overrides

System.Object.GetHashCode()

Operators

Equality(QueueMember, QueueMember)

QueueMember equality operator.

Declaration

```
public static bool operator ==(QueueMember a, QueueMember b)
```

Parameters

TYPE	NAME	DESCRIPTION
QueueMember	a	QueueMember object.
QueueMember	b	QueueMember object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if equal otherwise false.

Inequality(QueueMember, QueueMember)

QueueMember inequality operator.

Declaration

```
public static bool operator !=(QueueMember a, QueueMember b)
```

Parameters

TYPE	NAME	DESCRIPTION
QueueMember	a	QueueMember object.
QueueMember	b	QueueMember object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if not equal otherwise false.

Implements

[IFreeClimbCommon](#)
System.IEquatable<T>

Class QueueMemberList

Represents a paginated list of FreeClimb QueueMember instances. This object will be automatically created by QueuesRequester.

Namespace: com.freeclimb.api.queue

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public sealed class QueueMemberList : FreeClimbList
```

Constructors

QueueMemberList(String, String, String)

Creates a new QueueMemberList.

Declaration

```
public QueueMemberList(string accountId, string authToken, string rawPage)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	accountId	The accountId to use in requests for subsequent pages.
System.String	authToken	The authToken to use in requests for subsequent pages.
System.String	rawPage	The raw JSON string representing a page of a queue member list from the FreeClimb API.

Methods

constructElement(String)

Used by QueueMemberList to create QueueMember objects from the JSON list.

Declaration

```
protected override IFreeClimbCommon constructElement(string element)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	element	A JSON string representing a FreeClimb queue member instance.

Returns

TYPE	DESCRIPTION
IFreeClimbCommon	An equivalent queue member object to the one represented by the inputted JSON string.

Overrides

FreeClimbList.constructElement(String)

Class QueueMemberOptions

The class represents the common queue optional fields.

System.Object

CommonFields

QueueMemberOptions

CommonFields.getRequestId

CommonFields.setRequestId(String)

CommonFields.toDict()

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.queue

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class QueueMemberOptions : CommonFields
```

Methods

toJson()

Helper method to build a JSON string from a QueueMemberOptions instance.

Declaration

```
public virtual string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the QueueMemberOptions instance.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Class QueueOptions

The class represents the common queue optional fields.

Syntax

```
[JsonObject]
public class QueueOptions : CommonFields
```

Properties

getAlias

Retrieve the alias value.

Declaration

```
public string getAlias { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The alias value of the object.

getMaxSize

Retrieve the maxSize value.

Declaration

```
public int getMaxSize { get; }
```

Property Value

TYPE	DESCRIPTION

TYPE	DESCRIPTION
System.Int32	The maxSize value of the object.

Methods

fromJson(String)

Helper method to build a QueueOptions object from the JSON string.

Declaration

```
public static QueueOptions fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a QueueOptions instance.

Returns

TYPE	DESCRIPTION
QueueOptions	A QueueOptions object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

setAlias(String)

Sets the alias object value.

Declaration

```
public void setAlias(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	alias value.

setMaxSize(Int32)

Sets the maxSize object value.

Declaration

```
public void setMaxSize(int val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	val	maxSize value.

toJson()

Helper method to build a JSON string from a QueueOptions instance.

Declaration

```
public virtual string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the QueueOptions instance.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Class QueuesRequester

This class represents the set of wrappers around the FreeClimb Queues API. It provides methods to handle all the operations supported by the FreeClimb Queues API.

Inheritance

System.Object

[APIRequester](#)

QueuesRequester

Inherited Members

[APIRequester.FREECLIMB_URL](#)

[APIRequester.GetFreeClimbUrl](#)

[APIRequester.SetFreeClimbUrl(String)](#)

[APIRequester.GET(String)](#)

[APIRequester.GET(String, IDictionary<String, String>)](#)

[APIRequester.GETStream(String)](#)

[APIRequester.GETStream(String, IDictionary<String, String>)](#)

[APIRequester.POST(String, String)](#)

[APIRequester.DELETE(String)](#)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.queue

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public sealed class QueuesRequester : APIRequester
```

Constructors

QueuesRequester(String, String, String)

Creates a QueuesRequester. For most SDK users QueuesRequester will be created automatically by the FreeClimbClient but is available for more users who only require the features in this specific requester and not the rest of the features of the FreeClimbClient.

Declaration

```
public QueuesRequester(string credAccountId, string credAuthToken, string accountId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	credAccountId	The accountId to use as authentication credentials in the HTTP Basic Auth header for requests made by this requester.

TYPE	NAME	DESCRIPTION
System.String	credAuthToken	The authToken to use as authentication credentials in the HTTP Basic Auth header for requests made by this requester.
System.String	accountId	The accountId to act as. This can be the same as the credAccountId or the accountId of a subaccount of the credAccountId.

Properties

getAccountId

Retrieve accountId object value.

Declaration

```
public string getAccountId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The accountId being used for authentication.

getAuthToken

Retrieve authToken object value.

Declaration

```
public string getAuthToken { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The authToken being used for authentication.

getfreeClimbUrl

Retrieve FreeClimb API Url object value.

Declaration

```
public string getfreeClimbUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The url being used for the FreeClimb API.

getPath

Retrieve path object value.

Declaration

```
public string getPath { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The base path used for the FreeClimb API.

Methods

create(QueueOptions)

Create a new queue through the FreeClimb API using a registered FreeClimb application.

Declaration

```
public Queue create(QueueOptions queueOptions = null)
```

Parameters

TYPE	NAME	DESCRIPTION
QueueOptions	queueOptions	Optional QueueOptions instance to be used when creating a queue.

Returns

TYPE	DESCRIPTION
Queue	A Queue object returned by FreeClimb that represents the queue that was created.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

get(QueuesSearchFilters)

Retrieve a list of queues from FreeClimb.

Declaration

```
public QueueList get(QueuesSearchFilters filters = null)
```

Parameters

TYPE	NAME	DESCRIPTION
QueuesSearchFilters	filters	Optional QueuesSearchFilters instance to filter list of queues.

Returns

TYPE	DESCRIPTION
[QueueList](#)	An in-language representation of FreeClimb's paginated list response.This will be a paginated list of queue instances as returned by the FreeClimb API.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

get(String)

Retrieve a single queue from FreeClimb.

Declaration

```
public Queue get(string queueId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	queueId	Target queue to retrieve information.

Returns

TYPE	DESCRIPTION
[Queue](#)	A Queue object returned by FreeClimb that represents the queue that was retrieved.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

getMembers(String)

Retrieve a list of queue members from FreeClimb.

Declaration

```
public QueueMemberList getMembers(string queueId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	queueId	Target queue to retrieve information.

Returns

TYPE	DESCRIPTION
QueueMemberList	A QueueMemberList object returned by FreeClimb that represents the list of queue members.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

getQueueMember(String, String)

Retrieve a single queue member from FreeClimb.

Declaration

```
public QueueMember getQueueMember(string queueId, string callId = null)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	queueId	Target queue to retrieve information.
System.String	callId	Optional callId of the queue member to retrieve. If not provided the 'Front' is returned.

Returns

TYPE	DESCRIPTION
QueueMember	A QueueMember object returned by FreeClimb that represents the queue member that was retrieved.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

update(String, QueueOptions)

Update a single queue.

Declaration

```
public Queue update(string queueId, QueueOptions queueOptions = null)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	queueId	The queueId of the target queueId.
[QueueOptions](#)	queueOptions	Optional QueueOptions instance to be used when updating a queue.

Returns

TYPE	DESCRIPTION
[Queue](#)	The queue matching the queueId provided.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

updateQueueMember(String, String, QueueMemberOptions)

Update a single queue member.

Declaration

```
public QueueMember updateQueueMember(string queueId, string callId = null, QueueMemberOptions
queueMemberOptions = null)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	queueId	The queueId of the target queueId.
System.String	callId	Optional callId of the queue member to retrieve. If not provided the 'Front' is returned.
[QueueMemberOptions](#)	queueMemberOptions	Optional QueueMemberOptions instance to be used when updating a queue member.

Returns

TYPE	DESCRIPTION
[QueueMember](#)	The queue member matching the queueId provided.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

Class QueuesSearchFilters

The class represents the queues search fields which can be passed retrieving a list of queues.

Inheritance

System.Object

QueuesSearchFilters

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.queue

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class QueuesSearchFilters
```

Properties

getAlias

Retrieve the alias value.

Declaration

```
public string getAlias { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The alias value of the object.

Methods

fromJson(String)

Helper method to build a QueuesSearchFilters object from the JSON string.

Declaration

```
public static QueuesSearchFilters fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a QueuesSearchFilters instance.

Returns

TYPE	DESCRIPTION
[QueuesSearchFilters](#)	A QueuesSearchFilters object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

setAlias(String)

Sets the alias object value.

Declaration

```
public void setAlias(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	alias value.

toDict()

Retrieve the KVP Dictionary for the QueuesSearchFilters instance.

Declaration

```
public IDictionary<string, string> toDict()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.String>	KVP Dictionary

toJson()

Helper method to build a JSON string from a QueuesSearchFilters instance.

Declaration

```
public virtual string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the QueuesSearchFilters instance.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Namespace com.freeclimb.api.recording

Classes

Recording

This class represents a FreeClimb Recording instance. Recording objects are created by the SDK whenever a recording instance would be returned by the API; these primarily come from QueuesRequester inside a FreeClimbClient instance.

RecordingList

Represents a paginated list of FreeClimb Recording instances. This object will be automatically created by RecordingsRequester.

RecordingsRequester

This class represents the set of wrappers around the FreeClimb Recordings API. It provides methods to handle all the operations supported by the FreeClimb Recordings API.

RecordingsSearchFilters

The class represents the recording search fields which can be passed retrieving a list of recordings.

Class Recording

This class represents a FreeClimb Recording instance. Recording objects are created by the SDK whenever a recording instance would be returned by the API; these primarily come from QueuesRequester inside a FreeClimbClient instance.

Inheritance

System.Object

FreeClimbCommon

Recording

Implements

IFreeClimbCommon

System.IEquatable<FreeClimbCommon>

System.IEquatable<Recording>

Inherited Members

FreeClimbCommon.getUri

FreeClimbCommon.getDateCreated

FreeClimbCommon.getDateUpdated

FreeClimbCommon.getRevision

FreeClimbCommon.Equal(FreeClimbCommon, FreeClimbCommon)

FreeClimbCommon.Equals(FreeClimbCommon)

System.Object.ToString()

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.recording

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class Recording : FreeClimbCommon, IFreeClimbCommon, IEquatable<FreeClimbCommon>,
IEquatable<Recording>
```

Remarks

Recording are immutable and intended only to be used to read information returned from the API in a language accessible way.

Properties

getAccountId

Retrieve the accountId for this queue from the object.

Declaration

```
public string getAccountId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The accountId for this queue.

getCallId

Retrieve the callId for this queue from the object.

Declaration

```
public string getCallId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The callId for this queue.

getConferenceId

Retrieve the conferenceId for this queue from the object.

Declaration

```
public string getConferenceId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The conferenceId for this queue.

getDurationSec

Retrieve the durationSec for this queue from the object.

Declaration

```
public int getDurationSec { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The durationSec for this queue.

getRecordingId

Retrieve the recordingId for this queue from the object.

Declaration

```
public string getRecordingId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The recordingId for this queue.

Methods

Equal(Recording, Recording)

Helper method to deep compare two Recording instances.

Declaration

```
public static bool Equal(Recording a, Recording b)
```

Parameters

TYPE	NAME	DESCRIPTION
Recording	a	Recording instance one.
Recording	b	Recording instance two.

Returns

TYPE	DESCRIPTION
System.Boolean	True is a == b, otherwise false.

Equals(Recording)

Compares the current instance with another object of the same type.

Declaration

```
public bool Equals(Recording other)
```

Parameters

TYPE	NAME	DESCRIPTION
Recording	other	Recording Object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Equals(Object)

Compares the current instance with another object of the same type.

Declaration

```
public override bool Equals(object obj)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Object	obj	Object of type Recording.

Returns

TYPE	DESCRIPTION
System.Boolean	true if the current object is equal to the other parameter; otherwise, false.

Overrides

[FreeClimbCommon.Equals(Object)](#)

fromJson(String)

Helper method to build a Recording object from the JSON string.

Declaration

```
public static Recording fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a Recording instance.

Returns

TYPE	DESCRIPTION
[Recording](#)	A Recording object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

GetHashCode()

Serves as the default hash function.

Declaration

```
public override int GetHashCode()
```

Returns

TYPE	DESCRIPTION

TYPE	DESCRIPTION
System.Int32	A hash code for the current object.

Overrides

[FreeClimbCommon.GetHashCode()](#)

Operators

Equality(Recording, Recording)

Recording equality operator.

Declaration

```
public static bool operator ==(Recording a, Recording b)
```

Parameters

TYPE	NAME	DESCRIPTION
[Recording](#)	a	Recording object.
[Recording](#)	b	Recording object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if equal otherwise false.

Inequality(Recording, Recording)

Recording inequality operator.

Declaration

```
public static bool operator !=(Recording a, Recording b)
```

Parameters

TYPE	NAME	DESCRIPTION
[Recording](#)	a	Recording object.
[Recording](#)	b	Recording object.

Returns

TYPE	DESCRIPTION
System.Boolean	true if not equal otherwise false.

Implements

[IFreeClimbCommon](#)

System.IEquatable<T>

System.IEquatable<T>

Class RecordingList

Represents a paginated list of FreeClimb Recording instances. This object will be automatically created by RecordingsRequester.

Inheritance

System.Object

APIRequester

FreeClimbList

RecordingList

Inherited Members

FreeClimbList.getTotalSize

FreeClimbList.getLocalSize

FreeClimbList.get(Int32)

FreeClimbList.export()

FreeClimbList.loadNextPage()

FreeClimbList.buildFromJson(String)

APIRequester.FREECLIMB_URL

APIRequester.getAccountId

APIRequester.getAuthToken

APIRequester.GetFreeClimbUrl

APIRequester.SetFreeClimbUrl(String)

APIRequester.GET(String)

APIRequester.GET(String, IDictionary<String, String>)

APIRequester.GETStream(String)

APIRequester.GETStream(String, IDictionary<String, String>)

APIRequester.POST(String, String)

APIRequester.DELETE(String)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.recording

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public sealed class RecordingList : FreeClimbList
```

Constructors

RecordingList(String, String, String)

Creates a new RecordingList.

Declaration

```
public RecordingList(string accountId, string authToken, string rawPage)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	accountId	The accountId to use in requests for subsequent pages.
System.String	authToken	The authToken to use in requests for subsequent pages.
System.String	rawPage	The raw JSON string representing a page of a recording list from the FreeClimb API.

Methods

constructElement(String)

Used by QueueList to create Recording objects from the JSON list.

Declaration

```
protected override IFreeClimbCommon constructElement(string element)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	element	A JSON string representing a FreeClimb recording instance.

Returns

TYPE	DESCRIPTION
[IFreeClimbCommon]	An equivalent recording object to the one represented by the inputted JSON string.

Overrides

[FreeClimbList.constructElement(String)]

Class RecordingsRequester

This class represents the set of wrappers around the FreeClimb Recordings API. It provides methods to handle all the operations supported by the FreeClimb Recordings API.

Inheritance

System.Object

[APIRequester](#)

RecordingsRequester

Inherited Members

[APIRequester.FREECLIMB_URL](#)

[APIRequester.GetFreeClimbUrl](#)

[APIRequester.SetFreeClimbUrl(String)](#)

[APIRequester.GET(String)](#)

[APIRequester.GET(String, IDictionary<String, String>)](#)

[APIRequester.GETStream(String)](#)

[APIRequester.GETStream(String, IDictionary<String, String>)](#)

[APIRequester.POST(String, String)](#)

[APIRequester.DELETE(String)](#)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.recording

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public sealed class RecordingsRequester : APIRequester
```

Constructors

RecordingsRequester(String, String, String)

Creates a RecordingsRequester. For most SDK users RecordingsRequester will be created automatically by the FreeClimbClient but is available for more users who only require the features in this specific requester and not the rest of the features of the FreeClimbClient.

Declaration

```
public RecordingsRequester(string credAccountId, string credAuthToken, string accountId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	credAccountId	The accountId to use as authentication credentials in the HTTP Basic Auth header for requests made by this requester.

TYPE	NAME	DESCRIPTION
System.String	credAuthToken	The authToken to use as authentication credentials in the HTTP Basic Auth header for requests made by this requester.
System.String	accountId	The accountId to act as. This can be the same as the credAccountId or the accountId of a subaccount of the credAccountId.

Properties

getAccountId

Retrieve accountId object value.

Declaration

```
public string getAccountId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The accountId being used for authentication.

getAuthToken

Retrieve authToken object value.

Declaration

```
public string getAuthToken { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The authToken being used for authentication.

getfreeClimbUrl

Retrieve FreeClimb API Url object value.

Declaration

```
public string getfreeClimbUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The url being used for the FreeClimb API.

getPath

Retrieve path object value.

Declaration

```
public string getPath { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The base path used for the FreeClimb API.

Methods

delete(String)

Delete a FreeClimb recording and its associated meta data.

Declaration

```
public void delete(string recordingId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	recordingId	The recordingId of the target recording and meta data.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

download(String)

Retrieve a single recording from FreeClimb.

Declaration

```
public byte[] download(string recordingId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	recordingId	The recordingId of the target recording.

Returns

TYPE	DESCRIPTION
System.Byte[]	A recording btye arrray matching the recordingId provided.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

getMeta(RecordingsSearchFilters)

Retrieve a list of recordings meta data associated with the accountId.

Declaration

```
public RecordingList getMeta(RecordingsSearchFilters filters = null)
```

Parameters

TYPE	NAME	DESCRIPTION
RecordingsSearchFilters	filters	Optional RecordingsSearchFilters instance to filter list of recordings.

Returns

TYPE	DESCRIPTION
RecordingList	An in-language representation of FreeClimb's paginated list response. This will be a paginated list of recording instances as returned by the FreeClimb API.

Exceptions

TYPE	CONDITION
FreeClimbException	Thrown upon failed request.

getMetaByRecordingId(String)

Retrieve a single recording meta data from FreeClimb.

Declaration

```
public Recording getMetaByRecordingId(string recordingId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	recordingId	The recordingId of the target recording meta data.

Returns

TYPE	DESCRIPTION
Recording	The recording matching the recordingId provided.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

stream(String)

Stream a single recording from FreeClimb.

Declaration

```
public Stream stream(string recordingId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	recordingId	The recordingId of the target recording.

Returns

TYPE	DESCRIPTION
System.IO.Stream	A recording stream matching the recordingId provided.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

Class RecordingsSearchFilters

The class represents the recording search fields which can be passed retrieving a list of recordings.

Inheritance

System.Object

RecordingsSearchFilters

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.api.recording

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class RecordingsSearchFilters
```

Properties

getCallId

Retrieve the callId value.

Declaration

```
public string getCallId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The callId value of the object.

getConferenceId

Retrieve the conferenceId value.

Declaration

```
public string getConferenceId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The conferenceId value of the object.

getDateCreated

Retrieve the dateCreated value.

Declaration

```
public string getDateCreated { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The dateCreated value of the object.

Methods

fromJson(String)

Helper method to build a RecordingsSearchFilters object from the JSON string.

Declaration

```
public static RecordingsSearchFilters fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a RecordingsSearchFilters instance.

Returns

TYPE	DESCRIPTION
RecordingsSearchFilters	A RecordingsSearchFilters object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

setCallId(String)

Sets the callId object value.

Declaration

```
public void setCallId(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	callId value.

setConferenceId(String)

Sets the conferenceId object value.

Sets the conferenceId object value.

Declaration

```
public void setConferenceId(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	conferenceId value.

setDateCreated(Date)

Sets the dateCreated object value.

Declaration

```
public void setDateCreated(Date val)
```

Parameters

TYPE	NAME	DESCRIPTION
Date	val	dateCreated value.

setDateCreated(String)

Sets the dateCreated object value.

Declaration

```
public void setDateCreated(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	dateCreated value.

toDict()

Retrieve the KVP Dictionary for the RecordingsSearchFilters instance.

Declaration

```
public IDictionary<string, string> toDict()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.String>	KVP Dictionary

toJson()

Helper method to build a JSON string from a RecordingsSearchFilters instance.

Declaration

```
public virtual string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the RecordingsSearchFilters instance.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Declaration

```
public virtual string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the RecordingsSearchFilters instance.

Namespace com.freeclimb.percl

Classes

AddToConference

AddToConference PerCL command.

CreateConference

CreateConference PerCL command.

Dequeue

Dequeue PerCL command.

Enqueue

Dequeue PerCL command.

GetDigits

GetDigits PerCL command.

GetSpeech

GetSpeech PerCL command.

Hangup

Hangup PerCL command.

OutDial

OutDial PerCL command.

Pause

Pause PerCL command.

PerCLCommand

The PerCLCommand class is a base class from which classes representing various PerCL commands can be built.

PerCLScript

The PerCLScript class represents a PerCL script to be returned to the FreeClimb servers in FreeClimb applications. PerCLScript is a List of PerCLCommands.

Play

Play PerCL command.

PlayEarlyMedia

PlayEarlyMedia PerCL command.

RecordUtterance

RecordUtterance PerCL command.

Redirect

Redirect PerCL command.

RemoveFromConference

RemoveFromConference PerCL command.

Say

Say PerCL command.

SendDigits

SendDigits PerCL command.

SetListen

SetListen PerCL command.

SetTalk

SetTalk PerCL command.

Sms

Sms PerCL command.

StartRecordCall

StartRecordCall PerCL command.

TerminateConference

TerminateConference PerCL command.

Interfaces

IGetDigitsNestable

General GetDigits nestable interface

IGetSpeechNestable

General GetSpeech nestable interface

Class AddToConference

AddToConference PerCL command.

System.Object

PerCLCommand

AddToConference

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.percl

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class AddToConference : PerCLCommand
```

Constructors

AddToConference(String, String)

Creates AddToConference PerCL with require fields.

Declaration

```
public AddToConference(string conferenceId, string callId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	conferenceId	Conference Id.
System.String	callId	Call Id.

Properties

getAllowCallControl

Retrieve the allowCallControl value.

Declaration

```
public EBool getAllowCallControl { get; }
```

Property Value

TYPE	DESCRIPTION
EBool	The allowCallControl value of the object.

getCallControlSequence

Retrieve the callControlSequence value.

Declaration

```
public string getCallControlSequence { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The callControlSequence value of the object.

getCallControlUrl

Retrieve the callControlUrl value.

Declaration

```
public string getCallControlUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The callControlUrl value of the object.

getCallId

Retrieve the callId value.

Declaration

```
public string getCallId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The callId value of the object.

getConferenceId

Retrieve the conferenceId value.

Declaration

```
public string getConferenceId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The conferenceId value of the object.

getLeaveConferenceUrl

Retrieve the leaveConferenceUrl value.

Declaration

```
public string getLeaveConferenceUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The leaveConferenceUrl value of the object.

getListen

Retrieve the listen value.

Declaration

```
public EBool getListen { get; }
```

Property Value

TYPE	DESCRIPTION
EBool	The listen value of the object.

getNotificationUrl

Retrieve the notificationUrl value.

Declaration

```
public string getNotificationUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The notificationUrl value of the object.

getStartConfOnEnter

Retrieve the startConfOnEnter value.

Declaration

```
public EBool getStartConfOnEnter { get; }
```

Property Value

TYPE	DESCRIPTION
[EBool](#)	The startConfOnEnter value of the object.

getTalk

Retrieve the talk value.

Declaration

```
public EBool getTalk { get; }
```

Property Value

TYPE	DESCRIPTION
[EBool](#)	The talk value of the object.

Methods

setAllowCallControl(EBool)

Set the allowCallControl value.

Declaration

```
public void setAllowCallControl(EBool val)
```

Parameters

TYPE	NAME	DESCRIPTION
[EBool](#)	val	allowCallControl value.

setCallControlSequence(String)

Set the callControlSequence value.

Declaration

```
public void setCallControlSequence(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	callControlSequence value.

setCallControlUrl(String)

Set the callControlUrl value.

Declaration

```
public void setCallControlUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	callControlUrl value.

setCallId(String)

Set the callId value.

Declaration

```
public void setCallId(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	callId value.

setConferenceId(String)

Set the conferenceId value.

Declaration

```
public void setConferenceId(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	conferenceId value.

setLeaveConferenceUrl(String)

Set the leaveConferenceUrl value.

Declaration

```
public void setLeaveConferenceUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	leaveConferenceUrl value.

setListen(EBool)

Set the listen value.

Declaration

```
public void setListen(EBool val)
```

TYPE	NAME	DESCRIPTION
[EBool](#)	val	listen value.

setNotificationUrl(String)

Set the notificationUrl value.

Declaration

```
public void setNotificationUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	notificationUrl value.

setStartConfOnEnter(EBool)

Set the startConfOnEnter value.

Declaration

```
public void setStartConfOnEnter(EBool val)
```

Parameters

TYPE	NAME	DESCRIPTION
[EBool](#)	val	startConfOnEnter value.

setTalk(EBool)

Set the talk value.

Declaration

```
public void setTalk(EBool val)
```

Parameters

TYPE	NAME	DESCRIPTION
[EBool](#)	val	talk value.

toJson()

Helper method to build a JSON string from an AddToConference instance.

Declaration

```
public override string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the AddToConference instance.

Overrides

[PerCLCommand.toJson()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

toKvp()

Retrieve the KVP Dictionary for the AddToConference instance.

Declaration

```
public override IDictionary<string, object> toKvp()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	KVP Dictionary

Overrides

[PerCLCommand.toKvp()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

Class CreateConference

CreateConference PerCL command.

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.percl

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class CreateConference : PerCLCommand
```

Constructors

CreateConference(String)

Creates CreateConference PerCL with require fields.

Declaration

```
public CreateConference(string actionUrl)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	actionUrl	Action Url.

Properties

getActionUrl

Retrieve the actionUrl value.

Declaration

```
public string getActionUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The actionUrl value of the object.

getAlias

Retrieve the alias value.

Declaration

```
public string getAlias { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The alias value of the object.

getPlayBeep

Retrieve the playBeep value.

Declaration

```
public EPlayBeep getPlayBeep { get; }
```

Property Value

TYPE	DESCRIPTION
[EPlayBeep](#)	The playBeep value of the object.

getRecord

Retrieve the record value.

Declaration

```
public EBool getRecord { get; }
```

Property Value

TYPE	DESCRIPTION
[EBool](#)	The record value of the object.

getStatusCallbackUrl

Retrieve the statusCallbackUrl value.

Declaration

```
public string getStatusCallbackUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The statusCallbackUrl value of the object.

getWaitUrl

Retrieve the waitUrl value.

Declaration

```
public string getWaitUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The waitUrl value of the object.

Methods

setActionUrl(String)

Set the actionUrl value.

Declaration

```
public void setActionUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	actionUrl value.

setAlias(String)

Set the alias value.

Declaration

```
public void setAlias(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	alias value.

setPlayBeep(EPlayBeep)

Set the playBeep value.

Declaration

```
public void setPlayBeep(EPlayBeep val)
```

Parameters

TYPE	NAME	DESCRIPTION

TYPE	NAME	DESCRIPTION
[EPlayBeep](#)	val	playBeep value.

setRecord(EBool)

Set the record value.

Declaration

```
public void setRecord(EBool val)
```

Parameters

TYPE	NAME	DESCRIPTION
[EBool](#)	val	record value.

setStatusCallbackUrl(String)

Set the statusCallbackUrl value.

Declaration

```
public void setStatusCallbackUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	statusCallbackUrl value.

setWaitUrl(String)

Set the waitUrl value.

Declaration

```
public void setWaitUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	waitUrl value.

toJson()

Helper method to build a JSON string from a CreateConference instance.

Declaration

```
public override string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the CreateConference instance.

Overrides

[PerCLCommand.toJson()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

toKvp()

Retrieve the KVP Dictionary for the CreateConference instance.

Declaration

```
public override IDictionary<string, object> toKvp()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	KVP Dictionary

Overrides

[PerCLCommand.toKvp()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

Class Dequeue

Dequeue PerCL command.

Inheritance

System.Object

[PerCLCommand](#)

Dequeue

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.percl

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class Dequeue : PerCLCommand
```

Methods

toJson()

Helper method to build a JSON string from a Dequeue instance.

Declaration

```
public override string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the Dequeue instance.

Overrides

[PerCLCommand.toJson()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

toKvp()

Retrieve the KVP Dictionary for the Dequeue instance.

Declaration

```
public override IDictionary<string, object> toKvp()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	KVP Dictionary

Overrides

[PerCLCommand.toKvp()](#)

Class Enqueue

Dequeue PerCL command.

System.Object

PerCLCommand

Enqueue

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.percl

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class Enqueue : PerCLCommand
```

Constructors

Enqueue(String, String)

Creates Enqueue PerCL with require fields.

Declaration

```
public Enqueue(string queueId, string actionUrl)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	queueId	Target queueId.
System.String	actionUrl	Url to retrieve actions.

Properties

getActionUrl

Retrieve the actionUrl value.

Declaration

```
public string getActionUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The actionUrl value of the object.

getNotificationUrl

Retrieve the notificationUrl value.

Declaration

```
public string getNotificationUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The notificationUrl value of the object.

getQueueId

Retrieve the queueId value.

Declaration

```
public string getQueueId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The queueId value of the object.

getWaitUrl

Retrieve the waitUrl value.

Declaration

```
public string getWaitUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The waitUrl value of the object.

Methods

setActionUrl(String)

Set the actionUrl value.

Declaration

```
public void setActionUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	actionUrl value.

setNotificationUrl(String)

Set the notificationUrl value.

Declaration

```
public void setNotificationUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	notificationUrl value.

setQueueId(String)

Set the queueId value.

Declaration

```
public void setQueueId(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	queueId value.

setWaitUrl(String)

Set the waitUrl value.

Declaration

```
public void setWaitUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	waitUrl value.

toJson()

Helper method to build a JSON string from an Enqueue instance.

Declaration

```
public override string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the Enqueue instance.

Overrides

[PerCLCommand.toJson()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

toKvp()

Retrieve the KVP Dictionary for the Enqueue instance.

Declaration

```
public override IDictionary<string, object> toKvp()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	KVP Dictionary

Overrides

[PerCLCommand.toKvp()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

Class GetDigits

GetDigits PerCL command.

System.Object

PerCLCommand

GetDigits

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.percl

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class GetDigits : PerCLCommand
```

Constructors

GetDigits(String)

Creates GetDigits PerCL with require fields.

Declaration

```
public GetDigits(string actionUrl)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	actionUrl	Url to retrieve actions.

Properties

getActionUrl

Retrieve the actionUrl value.

Declaration

```
public string getActionUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The actionUrl value of the object.

getDigitTimeoutMs

Retrieve the digitTimeoutMs value.

Declaration

```
public int getDigitTimeoutMs { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The digitTimeoutMs value of the object.

getFinishOnKey

Retrieve the finishOnKey value.

Declaration

```
public EFinishOnKey getFinishOnKey { get; }
```

Property Value

TYPE	DESCRIPTION
EFinishOnKey	The finishOnKey value of the object.

getFlushBuffer

Retrieve the flushBuffer value.

Declaration

```
public EBool getFlushBuffer { get; }
```

Property Value

TYPE	DESCRIPTION
EBool	The flushBuffer value of the object.

getInitialTimeoutMs

Retrieve the initialTimeoutMs value.

Declaration

```
public int getInitialTimeoutMs { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The initialTimeoutMs value of the object.

getMaxDigits

Retrieve the maxDigits value.

Declaration

```
public int getMaxDigits { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The minDigits value of the object.

getMinDigits

Retrieve the minDigits value.

Declaration

```
public int getMinDigits { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The minDigits value of the object.

getPrompts

Retrieve the IGetDigitsNestable list reference.

Declaration

```
public List<IGetDigitsNestable> getPrompts { get; }
```

Property Value

TYPE	DESCRIPTION
System.Collections.Generic.List<IGetDigitsNestable>	The IGetDigitsNestable list reference of object.

Methods

setActionUrl(String)

Set the actionUrl value.

Declaration

```
public void setActionUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION

TYPE	NAME	DESCRIPTION
System.String	val	actionUrl value.

setDigitTimeoutMs(Int32)

Set the digitTimeoutMs value.

Declaration

```
public void setDigitTimeoutMs(int val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	val	digitTimeoutMs value.

setFinishOnKey(EFinishOnKey)

Set the finishOnKey value.

Declaration

```
public void setFinishOnKey(EFinishOnKey val)
```

Parameters

TYPE	NAME	DESCRIPTION
[EFinishOnKey](#)	val	finishOnKey value.

setFlushBuffer(EBool)

Set the flushBuffer value.

Declaration

```
public void setFlushBuffer(EBool val)
```

Parameters

TYPE	NAME	DESCRIPTION
[EBool](#)	val	flushBuffer value.

setInitialTimeoutMs(Int32)

Set the initialTimeoutMs value.

Declaration

```
public void setInitialTimeoutMs(int val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	val	initialTimeoutMs value.

setMaxDigits(Int32)

Set the maxDigits value.

Declaration

```
public void setMaxDigits(int val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	val	maxDigits value.

setMinDigits(Int32)

Set the minDigits value.

Declaration

```
public void setMinDigits(int val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	val	minDigits value.

setPrompts(IGetDigitsNestable)

Adds the IGetDigitsNestable to end of instance list.

Declaration

```
public void setPrompts(IGetDigitsNestable val)
```

Parameters

TYPE	NAME	DESCRIPTION
[IGetDigitsNestable](#)	val	IGetDigitsNestable value.

toJson()

Helper method to build a JSON string from a GetDigits instance.

Declaration

```
public override string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the GetDigits instance.

Overrides

[PerCLCommand.toJson()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

toKvp()

Retrieve the KVP Dictionary for the GetDigits instance.

Declaration

```
public override IDictionary<string, object> toKvp()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	KVP Dictionary

Overrides

[PerCLCommand.toKvp()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

Class GetSpeech

GetSpeech PerCL command.

Inheritance

System.Object

[PerCLCommand](#)

GetSpeech

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.percl

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class GetSpeech : PerCLCommand
```

Constructors

GetSpeech(String, String)

Creates GetSpeech PerCL with require fields.

Declaration

```
public GetSpeech(string actionUrl, string grammarFile)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	actionUrl	Url to retrieve actions.
System.String	grammarFile	Grammar file.

Properties

getActionUrl

Retrieve the actionUrl value.

Declaration

```
public string getActionUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The actionUrl value of the object.

getConfidenceThreshold

Retrieve the confidenceThreshold value.

Declaration

```
public float getConfidenceThreshold { get; }
```

Property Value

TYPE	DESCRIPTION
System.Single	The confidenceThreshold value of the object.

getGrammarFile

Retrieve the grammarFile value.

Declaration

```
public string getGrammarFile { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The grammarFile value of the object.

getGrammarRule

Retrieve the grammarRule value.

Declaration

```
public string getGrammarRule { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The grammarRule value of the object.

getGrammarType

Retrieve the grammarType value.

Declaration

```
public EGrammarType getGrammarType { get; }
```

Property Value

TYPE	DESCRIPTION
EGrammarType	The grammarType value of the object.

getNBestListLength

Retrieve the nBestListLength value.

Declaration

```
public int getNBestListLength { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The nBestListLength value of the object.

getNoInputTimeoutMs

Retrieve the noInputTimeoutMs value.

Declaration

```
public int getNoInputTimeoutMs { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The noInputTimeoutMs value of the object.

getPlayBeep

Retrieve the playBeep value.

Declaration

```
public EBool getPlayBeep { get; }
```

Property Value

TYPE	DESCRIPTION
EBool	The playBeep value of the object.

getPrompts

Retrieve the IGetSpeechNestable list reference.

Declaration

```
public List<IGetSpeechNestable> getPrompts { get; }
```

Property Value

TYPE	DESCRIPTION
System.Collections.Generic.List<IGetSpeechNestable>	The IGetSpeechNestable list reference of object.

getRecognitionTimeoutMs

Retrieve the recognitionTimeoutMs value.

Declaration

```
public int getRecognitionTimeoutMs { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The recognitionTimeoutMs value of the object.

getSensitivityLevel

Retrieve the sensitivityLevel value.

Declaration

```
public float getSensitivityLevel { get; }
```

Property Value

TYPE	DESCRIPTION
System.Single	The sensitivityLevel value of the object.

getSpeechCompleteTimeoutMs

Retrieve the speechCompleteTimeoutMs value.

Declaration

```
public int getSpeechCompleteTimeoutMs { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The speechCompleteTimeoutMs value of the object.

getSpeechIncompleteTimeoutMs

Retrieve the speechIncompleteTimeoutMs value.

Declaration

```
public int getSpeechIncompleteTimeoutMs { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The speechIncompleteTimeoutMs value of the object.

Methods

setActionUrl(String)

Set the actionUrl value.

Declaration

```
public void setActionUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	actionUrl value.

setConfidenceThreshold(Single)

Set the confidenceThreshold value.

Declaration

```
public void setConfidenceThreshold(float val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Single	val	confidenceThreshold value.

setGrammarFile(String)

Set the grammarFile value.

Declaration

```
public void setGrammarFile(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	grammarFile value.

setGrammarRule(String)

Set the grammarRule value.

Declaration

```
public void setGrammarRule(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	grammarRule value.

setGrammarType(EGrammarType)

Set the grammarType value.

Declaration

```
public void setGrammarType(EGrammarType val)
```

Parameters

TYPE	NAME	DESCRIPTION
EGrammarType	val	grammarType value.

setNBestListLength(Int32)

Set the nBestListLength value.

Declaration

```
public void setNBestListLength(int val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	val	nBestListLength value.

setNoInputTimeoutMs(Int32)

Set the noInputTimeoutMs value.

Declaration

```
public void setNoInputTimeoutMs(int val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	val	noInputTimeoutMs value.

setPlayBeep(EBool)

Set the playBeep value.

Declaration

```
public void setPlayBeep(EBool val)
```

Parameters

TYPE	NAME	DESCRIPTION
[EBool](#)	val	playBeep value.

setPrompts(IGetSpeechNestable)

Adds the IGetSpeechNestable to end of instance list.

Declaration

```
public void setPrompts(IGetSpeechNestable val)
```

Parameters

TYPE	NAME	DESCRIPTION
[IGetSpeechNestable](#)	val	IGetSpeechNestable value.

setRecognitionTimeoutMs(Int32)

Set the recognitionTimeoutMs value.

Declaration

```
public void setRecognitionTimeoutMs(int val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	val	recognitionTimeoutMs value.

setSensitivityLevel(Single)

Set the sensitivityLevel value.

Declaration

```
public void setSensitivityLevel(float val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Single	val	sensitivityLevel value.

setSpeechCompleteTimeoutMs(Int32)

Set the speechCompleteTimeoutMs value.

Declaration

```
public void setSpeechCompleteTimeoutMs(int val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	val	speechCompleteTimeoutMs value.

setSpeechIncompleteTimeoutMs(Int32)

Set the speechIncompleteTimeoutMs value.

Declaration

```
public void setSpeechIncompleteTimeoutMs(int val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	val	speechIncompleteTimeoutMs value.

toJson()

Helper method to build a JSON string from a GetSpeech instance.

Declaration

```
public override string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the GetSpeech instance.

Overrides

PerCLCommand.toJson()

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

toKvp()

Retrieve the KVP Dictionary for the GetSpeech instance.

Declaration

```
public override IDictionary<string, object> toKvp()
```

Returns

T Y P E	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	KVP Dictionary

Overrides

[PerCLCommand.toKvp()](#)

Exceptions

T Y P E	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

Class Hangup

Hangup PerCL command.

System.Object

[PerCLCommand](#)

Hangup

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.percl

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class Hangup : PerCLCommand
```

Properties

getCallId

Retrieve the callId value.

Declaration

```
public string getCallId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The callId value of the object.

getReason

Retrieve the reason value.

Declaration

```
public string getReason { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The reason value of the object.

Methods

setCallId(String)

Set the callId value.

Declaration

```
public void setCallId(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	callId value.

setReason(String)

Set the reason value.

Declaration

```
public void setReason(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	reason value.

toJson()

Helper method to build a JSON string from a Hangup instance.

Declaration

```
public override string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the Hangup instance.

Overrides

[PerCLCommand.toJson()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

toKvp()

Retrieve the KVP Dictionary for the Hangup instance.

Declaration

```
public override IDictionary<string, object> toKvp()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	KVP Dictionary

Overrides

PerCLCommand.toKvp()

```
public override IDictionary<string, object> toKvp()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	KVP Dictionary

Interface IGetDigitsNestable

General GetDigits nestable interface

Namespace: com.freeclimb.percl
Assembly: freeclimb-cs-sdk.dll

Syntax

```
public interface IGetDigitsNestable
```

Methods

toJson()

Interface for converstion to JSON string method.

Declaration

```
string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	JSON string

toKvp()

Interface for converstion to dictionary object of key value pairs.

Declaration

```
IDictionary<string, object> toKvp()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	Dictionary object

Interface IGetSpeechNestable

General GetSpeech nestable interface

Namespace: com.freeclimb.percl

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public interface IGetSpeechNestable
```

Methods

toJson()

Interface for converstion to JSON string method.

Declaration

```
string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	JSON string

toKvp()

Interface for converstion to dictionary object of key value pairs.

Declaration

```
IDictionary<string, object> toKvp()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	Dictionary object

Class OutDial

OutDial PerCL command.

System.Object

PerCLCommand

OutDial

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.percl

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class OutDial : PerCLCommand
```

Constructors

OutDial(String, String)

Creates OutDial PerCL with require fields.

Declaration

```
public OutDial(string destination, string callConnectUrl)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	destination	Outbound destination.
System.String	callConnectUrl	Url for call connection.

Fields

DEFAULT_CALL_TIMEOUT_SEC

Constant default call timeout value.

Declaration

```
public const uint DEFAULT_CALL_TIMEOUT_SEC = 30U
```

Field Value

TYPE	DESCRIPTION
System.UInt32	

Properties

getActionUrl

Retrieve the actionUrl value.

Declaration

```
public string getActionUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The actionUrl value of the object.

getCallConnectUrl

Retrieve the callConnectUrl value.

Declaration

```
public string getCallConnectUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The callConnectUrl value of the object.

getCallingNumber

Retrieve the callingNumber value.

Declaration

```
public string getCallingNumber { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The callingNumber value of the object.

getDestination

Retrieve the destination value.

Declaration

```
public string getDestination { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The destination value of the object.

getIfMachine

Retrieve the ifMachine value.

Declaration

```
public EIfMachine getIfMachine { get; }
```

Property Value

TYPE	DESCRIPTION
[EIfMachine](#)	The ifMachine value of the object.

getIfMachineUrl

Retrieve the ifMachineUrl value.

Declaration

```
public string getIfMachineUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The ifMachineUrl value of the object.

getSendDigits

Retrieve the sendDigits value.

Declaration

```
public string getSendDigits { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The sendDigits value of the object.

getStatusCallbackUrl

Retrieve the statusCallbackUrl value.

Declaration

```
public string getStatusCallbackUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The statusCallbackUrl value of the object.

getTimeout

Retrieve the timeout value.

Declaration

```
public uint getTimeout { get; }
```

Property Value

TYPE	DESCRIPTION
System.UInt32	The timeout value of the object.

Methods

setActionUrl(String)

Set the actionUrl value.

Declaration

```
public void setActionUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	actionUrl value.

setCallConnectUrl(String)

Set the callConnectUrl value.

Declaration

```
public void setCallConnectUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	callConnectUrl value.

setCallingNumber(String)

Set the callingNumber value.

Declaration

```
public void setCallingNumber(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	callingNumber value.

setDestination(String)

Set the destination value.

Declaration

```
public void setDestination(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	destination value.

setIfMachine(EIfMachine)

Set the ifMachine value.

Declaration

```
public void setIfMachine(EIfMachine val)
```

Parameters

TYPE	NAME	DESCRIPTION
[EIfMachine](#)	val	ifMachine value.

setIfMachineUrl(String)

Set the ifMachineUrl value.

Declaration

```
public void setIfMachineUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	ifMachineUrl value.

setSendDigits(String)

Set the sendDigits value.

Declaration

```
public void setSendDigits(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	sendDigits value.

setStatusCallbackUrl(String)

Set the statusCallbackUrl value.

Declaration

```
public void setStatusCallbackUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	statusCallbackUrl value.

setTimeout(UInt32)

Set the timeout value.

Declaration

```
public void setTimeout(uint val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.UInt32	val	timeout value.

toJson()

Helper method to build a JSON string from an OutDial instance.

Declaration

```
public override string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the OutDial instance.

Overrides

[PerCLCommand.toJson()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

toKvp()

Retrieve the KVP Dictionary for the OutDial instance.

Declaration

```
public override IDictionary<string, object> toKvp()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	KVP Dictionary

Overrides

[PerCLCommand.toKvp()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

Class Pause

Pause PerCL command.

Inheritance

System.Object

PerCLCommand

Pause

Implements

IGetDigitsNestable

IGetSpeechNestable

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.percl

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class Pause : PerCLCommand, IGetDigitsNestable, IGetSpeechNestable
```

Constructors

Pause(Int32)

Creates Pause PerCL with require fields.

Declaration

```
public Pause(int length)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	length	Length of pause.

Properties

getActionUrl

Retrieve the actionUrl value.

Declaration

```
public string getActionUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The actionUrl value of the object.

getDetectEnergy

Retrieve the detectEnergy value.

Declaration

```
public EBool getDetectEnergy { get; }
```

Property Value

TYPE	DESCRIPTION
EBool	The detectEnergy value of the object.

getLength

Retrieve the length value.

Declaration

```
public int getLength { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The length value of the object.

getMaxGap

Retrieve the maxGap value.

Declaration

```
public int getMaxGap { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The maxGap value of the object.

getMinDuration

Retrieve the minDuration value.

Declaration

```
public int getMinDuration { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The minDuration value of the object.

Methods

setActionUrl(String)

Set the actionUrl value.

Declaration

```
public void setActionUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	actionUrl value.

setDetectEnergy(EBool)

Set the detectEnergy value.

Declaration

```
public void setDetectEnergy(EBool val)
```

Parameters

TYPE	NAME	DESCRIPTION
EBool	val	detectEnergy value.

setLength(Int32)

Set the length value.

Declaration

```
public void setLength(int val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	val	length value.

setMaxGap(Int32)

Set the maxGap value.

Declaration

```
public void setMaxGap(int val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	val	maxGap value.

setMinDuration(Int32)

Set the minDuration value.

Declaration

```
public void setMinDuration(int val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	val	minDuration value.

toJson()

Helper method to build a JSON string from a Pause instance.

Declaration

```
public override string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the Pause instance.

Overrides

[PerCLCommand.toJson()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

toKvp()

Retrieve the KVP Dictionary for the Pause instance.

Declaration

```
public override IDictionary<string, object> toKvp()
```

Returns

T Y P E	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	KVP Dictionary

Overrides

PerCLCommand.toKvp()

Exceptions

T Y P E	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Implements

IGetDigitsNestable
IGetSpeechNestable

Class PerCLCommand

The PerCLCommand class is a base class from which classes representing various PerCL commands can be built.

Namespace: com.freeclimb.percl

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public abstract class PerCLCommand
```

Methods

toJson()

Virtual method to convert object into a JSON string.

Declaration

```
public virtual string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	JSON string

toKvp()

Virtual method to convert object into a KVP Dictionary.

Declaration

```
public virtual IDictionary<string, object> toKvp()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	KVP Dictionary

Class PerCLScript

The PerCLScript class represents a PerCL script to be returned to the FreeClimb servers in FreeClimb applications. PerCLScript is a List of PerCLCommands.

Inheritance

System.Object

System.Collections.Generic.List<PerCLCommand>

PerCLScript

Implements

System.Collections.Generic.IList<PerCLCommand>

System.Collections.Generic.ICollection<PerCLCommand>

System.Collections.IList

System.Collections.ICollection

System.Collections.Generic.IReadOnlyList<PerCLCommand>

System.Collections.Generic.IReadOnlyCollection<PerCLCommand>

System.Collections.Generic.IEnumerable<PerCLCommand>

System.Collections.IEnumerable

Inherited Members

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.System.Collections.IList.get_Item(System.Int32)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.System.Collections.IList.set_Item(System.Int32, System.Object)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.Add(com.freeclimb.percl.PerCLCommand)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.System.Collections.IList.Add(System.Object)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.AddRange(System.Collections.Generic.IEnumerable<com.freeclimb.percl.PerCLCommand>)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.AsReadOnly()

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.BinarySearch(System.Int32, System.Int32, com.freeclimb.percl.PerCLCommand,

System.Collections.Generic.IComparer<com.freeclimb.percl.PerCLCommand>)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.BinarySearch(com.freeclimb.percl.PerCLCommand)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.BinarySearch(com.freeclimb.percl.PerCLCommand,

System.Collections.Generic.IComparer<com.freeclimb.percl.PerCLCommand>)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.Clear()

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.Contains(com.freeclimb.percl.PerCLCommand)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.System.Collections.IList.Contains(System.Object)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.ConvertAll<TOutput>(System.Converter<com.freeclimb.percl.PerCLCommand, TOutput>)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.CopyTo(com.freeclimb.percl.PerCLCommand[])

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.System.Collections.ICollection.CopyTo(System.Array, System.Int32)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.CopyTo(System.Int32, com.freeclimb.percl.PerCLCommand[], System.Int32, System.Int32)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.CopyTo(com.freeclimb.percl.PerCLCommand[], System.Int32)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.Exists(System.Predicate<com.freeclimb.percl.PerCLCommand>)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.Find(System.Predicate<com.freeclimb.percl.PerCLCommand>)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.FindAll(System.Predicate<com.freeclimb.percl.PerCLCommand>)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.FindIndex(System.Predicate<com.freeclimb.percl.PerCLCommand>)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.FindIndex(System.Int32, System.Predicate<com.freeclimb.percl.PerCLCommand>)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.FindIndex(System.Int32, System.Int32, System.Predicate<com.freeclimb.percl.PerCLCommand>)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.FindLast(System.Predicate<com.freeclimb.percl.PerCLCommand>)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.FindLastIndex(System.Predicate<com.freeclimb.percl.PerCLCommand>)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.FindLastIndex(System.Int32, System.Predicate<com.freeclimb.percl.PerCLCommand>)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.FindLastIndex(System.Int32, System.Int32,

System.Predicate<com.freeclimb.percl.PerCLCommand>)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.ForEach(System.Action<com.freeclimb.percl.PerCLCommand>)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.GetEnumerator()

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.System.Collections.Generic.IEnumerable<com.freeclimb.percl.PerCLCommand>.GetEnumerator()

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.System.Collections.IEnumerable.GetEnumerator()

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.GetRange(System.Int32, System.Int32)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.IndexOf(com.freeclimb.percl.PerCLCommand)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.System.Collections.IList.IndexOf(System.Object)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.IndexOf(com.freeclimb.percl.PerCLCommand, System.Int32)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.IndexOf(com.freeclimb.percl.PerCLCommand, System.Int32, System.Int32)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.Insert(System.Int32, com.freeclimb.percl.PerCLCommand)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.System.Collections.IList.Insert(System.Int32, System.Object)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.InsertRange(System.Int32,

System.Collections.Generic.IEnumerable<com.freeclimb.percl.PerCLCommand>)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.LastIndexOf(com.freeclimb.percl.PerCLCommand)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.LastIndexOf(com.freeclimb.percl.PerCLCommand, System.Int32)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.LastIndexOf(com.freeclimb.percl.PerCLCommand, System.Int32, System.Int32)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.Remove(com.freeclimb.percl.PerCLCommand)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.System.Collections.IList.Remove(System.Object)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.RemoveAll(System.Predicate<com.freeclimb.percl.PerCLCommand>)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.RemoveAt(System.Int32)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.RemoveRange(System.Int32, System.Int32)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.Reverse()

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.Reverse(System.Int32, System.Int32)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.Sort()

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.Sort(System.Collections.Generic.IComparer<com.freeclimb.percl.PerCLCommand>)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.Sort(System.Int32, System.Int32,

System.Collections.Generic.IComparer<com.freeclimb.percl.PerCLCommand>)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.Sort(System.Comparison<com.freeclimb.percl.PerCLCommand>)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.ToArray()

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.TrimExcess()

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.TrueForAll(System.Predicate<com.freeclimb.percl.PerCLCommand>)

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.Capacity

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.Count

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.System.Collections.IList.IsFixedSize

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.System.Collections.Generic.ICollection<com.freeclimb.percl.PerCLCommand>.IsReadOnly

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.System.Collections.IList.IsReadOnly

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.System.Collections.ICollection.IsSynchronized

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.System.Collections.ICollection.SyncRoot

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.Item[System.Int32]

System.Collections.Generic.List<com.freeclimb.percl.PerCLCommand>.System.Collections.IList.Item[System.Int32]

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.percl

Assembly: freeclimb-cs-sdk.dll

Syntax

```
public class PerCLScript : List<PerCLCommand>, IList<PerCLCommand>, ICollection<PerCLCommand>, IList, ICollection,
IReadOnlyList<PerCLCommand>, IReadOnlyCollection<PerCLCommand>, IEnumerable<PerCLCommand>, IEnumerable
```

Constructors

PerCLScript()

Initializes an empty script.

Declaration

```
public PerCLScript()
```

Methods

get(Int32)

Retrieves ith list element

Declaration

```
public PerCLCommand get(int idx)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	idx	Element index.

Returns

TYPE	DESCRIPTION
PerCLCommand	PerCL based command.

Exceptions

TYPE	CONDITION
[FreeClimbException](#)	Thrown upon failed request.

size()

Returns number of elements in list.

Declaration

```
public int size()
```

Returns

TYPE	DESCRIPTION
System.Int32	Integer value of list elements.

toJson()

Converts the script into a JSON array of the contained PerCL commands.

Declaration

```
public string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	JSON string array

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon failed request.

Implements

System.Collections.Generic.IList<T>
System.Collections.Generic.ICollection<T>
System.Collections.IList
System.Collections.ICollection
System.Collections.Generic.IReadOnlyList<T>
System.Collections.Generic.IReadOnlyCollection<T>
System.Collections.Generic.IEnumerable<T>
System.Collections.IEnumerable

Class Play

Play PerCL command.

Syntax

```
[JsonObject]
public sealed class Play : PerCLCommand, IGetDigitsNestable, IGetSpeechNestable
```

Constructors

Play(String)

Creates Play PerCL with require fields.

Declaration

```
public Play(string file)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	file	File to play.

Properties

getConferenceId

Retrieve the conferenceId value.

Declaration

```
public string getConferenceId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The conferenceId value of the object.

getFile

Retrieve the file value.

Declaration

```
public string getFile { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The file value of the object.

getLoop

Retrieve the loop value.

Declaration

```
public int getLoop { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The loop value of the object.

Methods

setConferenceId(String)

Set the conferenceId value.

Declaration

```
public void setConferenceId(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	conferenceId value.

setFile(String)

Set the file value.

Declaration

```
public void setFile(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	file value.

setLoop(Int32)

Set the loop value.

Declaration

```
public void setLoop(int val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	val	loop value.

toJson()

Helper method to build a JSON string from a Play instance.

Declaration

```
public override string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the Play instance.

Overrides

[PerCLCommand.toJson()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

toKvp()

Retrieve the KVP Dictionary for the Play instance.

Declaration

```
public override IDictionary<string, object> toKvp()
```

Returns

T Y P E	D E S C R I P T I O N
System.Collections.Generic.IDictionary<System.String, System.Object>	KVP Dictionary

Overrides

PerCLCommand.toKvp()

Exceptions

T Y P E	C O N D I T I O N
FreeClimbJSONException	Thrown upon deserialize failure.

Implements

IGetDigitsNestable
IGetSpeechNestable

Class PlayEarlyMedia

PlayEarlyMedia PerCL command.

System.Object

PerCLCommand

PlayEarlyMedia

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.percl

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class PlayEarlyMedia : PerCLCommand
```

Constructors

PlayEarlyMedia(String)

Creates PlayEarlyMedia PerCL with require fields.

Declaration

```
public PlayEarlyMedia(string file)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	file	File to play.

Properties

getFile

Retrieve the file value.

Declaration

```
public string getFile { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The file value of the object.

Methods

setFile(String)

Set the file value.

Declaration

```
public void setFile(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	file value.

toJson()

Helper method to build a JSON string from a PlayEarlyMedia instance.

Declaration

```
public override string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the PlayEarlyMedia instance.

Overrides

[PerCLCommand.toJson()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

toKvp()

Retrieve the KVP Dictionary for the PlayEarlyMedia instance.

Declaration

```
public override IDictionary<string, object> toKvp()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	KVP Dictionary

Overrides

[PerCLCommand.toKvp()](#)

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Class RecordUtterance

RecordUtterance PerCL command.

Inheritance

System.Object

[PerCLCommand](#)

RecordUtterance

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.percl

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class RecordUtterance : PerCLCommand
```

Constructors

RecordUtterance(String)

Creates RecordUtterance PerCL with require fields.

Declaration

```
public RecordUtterance(string actionUrl)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	actionUrl	Url to retrieve actions.

Properties

getActionUrl

Retrieve the actionUrl value.

Declaration

```
public string getActionUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The actionUrl value of the object.

getAutoStart

Retrieve the autoStart value.

Declaration

```
public EBool getAutoStart { get; }
```

Property Value

TYPE	DESCRIPTION
[EBool](#)	The autoStart value of the object.

getFinishOnKey

Retrieve the finishOnKey value.

Declaration

```
public EFinishOnKey getFinishOnKey { get; }
```

Property Value

TYPE	DESCRIPTION
[EFinishOnKey](#)	The finishOnKey value of the object.

getMaxLengthSec

Retrieve the maxLengthSec value.

Declaration

```
public int getMaxLengthSec { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The maxLengthSec value of the object.

getPlayBeep

Retrieve the playBeep value.

Declaration

```
public EBool getPlayBeep { get; }
```

Property Value

TYPE	DESCRIPTION
[EBool](#)	The playBeep value of the object.

getSilenceTimeoutMs

Retrieve the silenceTimeoutMs value.

Declaration

```
public int getSilenceTimeoutMs { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The silenceTimeoutMs value of the object.

Methods

setActionUrl(String)

Set the actionUrl value.

Declaration

```
public void setActionUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	actionUrl value.

setAutoStart(EBool)

Set the autoStart value.

Declaration

```
public void setAutoStart(EBool val)
```

Parameters

TYPE	NAME	DESCRIPTION
EBool	val	autoStart value.

setFinishOnKey(EFinishOnKey)

Set the finishOnKey value.

Declaration

```
public void setFinishOnKey(EFinishOnKey val)
```

Parameters

TYPE	NAME	DESCRIPTION

TYPE	NAME	DESCRIPTION
EFinishOnKey	val	finishOnKey value.

setMaxLengthSec(Int32)

Set the maxLengthSec value.

Declaration

```
public void setMaxLengthSec(int val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	val	maxLengthSec value.

setPlayBeep(EBool)

Set the playBeep value.

Declaration

```
public void setPlayBeep(EBool val)
```

Parameters

TYPE	NAME	DESCRIPTION
EBool	val	playBeep value.

setSilenceTimeoutMs(Int32)

Set the silenceTimeoutMs value.

Declaration

```
public void setSilenceTimeoutMs(int val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	val	silenceTimeoutMs value.

toJson()

Helper method to build a JSON string from a RecordUtterance instance.

Declaration

```
public override string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the RecordUtterance instance.

Overrides

PerCLCommand.toJson()

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

toKvp()

Retrieve the KVP Dictionary for the RecordUtterance instance.

Declaration

```
public override IDictionary<string, object> toKvp()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	KVP Dictionary

Overrides

PerCLCommand.toKvp()

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Class Redirect

Redirect PerCL command.

Inheritance

System.Object

PerCLCommand

Redirect

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.percl

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class Redirect : PerCLCommand
```

Constructors

Redirect(String)

Creates Play PerCL with require fields.

Declaration

```
public Redirect(string actionUrl)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	actionUrl	Action Url.

Properties

getActionUrl

Retrieve the actionUrl value.

Declaration

```
public string getActionUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The actionUrl value of the object.

Methods

setActionUrl(String)

Set the actionUrl value.

Declaration

```
public void setActionUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	actionUrl value.

toJson()

Helper method to build a JSON string from a Redirect instance.

Declaration

```
public override string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the Redirect instance.

Overrides

[PerCLCommand.toJson()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

toKvp()

Retrieve the KVP Dictionary for the Redirect instance.

Declaration

```
public override IDictionary<string, object> toKvp()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	KVP Dictionary

Overrides

[PerCLCommand.toKvp()](#)

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Class RemoveFromConference

RemoveFromConference PerCL command.

Inheritance

System.Object

[PerCLCommand](#)

RemoveFromConference

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.percl

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class RemoveFromConference : PerCLCommand
```

Constructors

RemoveFromConference(String)

Creates RemoveFromConference PerCL with require fields.

Declaration

```
public RemoveFromConference(string callId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	callId	Call Id.

Properties

getCallId

Retrieve the callId value.

Declaration

```
public string getCallId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The callId value of the object.

Methods

setCallId(String)

Set the callId value.

Declaration

```
public void setCallId(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	callId value.

toJson()

Helper method to build a JSON string from a RemoveFromConference instance.

Declaration

```
public override string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the RemoveFromConference instance.

Overrides

[PerCLCommand.toJson()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

toKvp()

Retrieve the KVP Dictionary for the RemoveFromConference instance.

Declaration

```
public override IDictionary<string, object> toKvp()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	KVP Dictionary

Overrides

[PerCLCommand.toKvp()](#)

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Class Say

Say PerCL command.

Syntax

```
[JsonObject]
public sealed class Say : PerCLCommand, IGetDigitsNestable, IGetSpeechNestable
```

Properties

getConferenceId

Retrieve the conferenceId value.

Declaration

```
public string getConferenceId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The conferenceId value of the object.

getLanguage

Retrieve the language value.

Declaration

```
public ELanguage getLanguage { get; }
```

Property Value

TYPE	DESCRIPTION

TYPE	DESCRIPTION
ELanguage	The language value of the object.

getLoop

Retrieve the loop value.

Declaration

```
public int getLoop { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The loop value of the object.

getText

Retrieve the text value.

Declaration

```
public string getText { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The text value of the object.

Methods

setConferenceId(String)

Set the conferenceId value.

Declaration

```
public void setConferenceId(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	conferenceId value.

setLanguage(ELanguage)

Set the language value.

Declaration

```
public void setLanguage(ELanguage val)
```

Parameters

TYPE	NAME	DESCRIPTION
ELanguage	val	language value.

setLoop(Int32)

Set the loop value.

Declaration

```
public void setLoop(int val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	val	loop value.

setText(String)

Set the text value.

Declaration

```
public void setText(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	text value.

toJson()

Helper method to build a JSON string from a Say instance.

Declaration

```
public override string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the Say instance.

Overrides

[PerCLCommand.toJson()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

toKvp()

Retrieve the KVP Dictionary for the Say instance.

Declaration

```
public override IDictionary<string, object> toKvp()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	KVP Dictionary

Overrides

[PerCLCommand.toKvp()](#)

Implements

[IGetDigitsNestable](#)
[IGetSpeechNestable](#)

Class SendDigits

SendDigits PerCL command.

System.Object

PerCLCommand

SendDigits

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.percl

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class SendDigits : PerCLCommand
```

Properties

getDigits

Retrieve the digits value.

Declaration

```
public string getDigits { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The digits value of the object.

getPauseMs

Retrieve the pauseMs value.

Declaration

```
public int getPauseMs { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The pauseMs value of the object.

Methods

setDigits(String, Boolean)

Set the digits value.

Declaration

```
public void setDigits(string val, bool append = false)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	digits value.
System.Boolean	append	Append digits to existing instance digits value.

setPauseMs(Int32)

Set the pauseMs value.

Declaration

```
public void setPauseMs(int val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Int32	val	pauseMs value.

toJson()

Helper method to build a JSON string from a SendDigits instance.

Declaration

```
public override string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the SendDigits instance.

Overrides

[PerCLCommand.toJson()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

toKvp()

Retrieve the KVP Dictionary for the Say instance.

Declaration

```
public override IDictionary<string, object> toKvp()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	KVP Dictionary

Overrides

[PerCLCommand.toKvp()](#)

Declaration

```
public override IDictionary<string, object> toKvp()
```

Returns

TYPE	DESCRIPTION

Class SetListen

SetListen PerCL command.

Inheritance

System.Object

[PerCLCommand](#)

SetListen

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.percl

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class SetListen : PerCLCommand
```

Constructors

SetListen(String)

Creates SetListen PerCL with require fields.

Declaration

```
public SetListen(string callId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	callId	Call Id.

Properties

getCallId

Retrieve the callId value.

Declaration

```
public string getCallId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The callId value of the object.

getListen

Retrieve value.

Declaration

```
public EBool getListen { get; }
```

Property Value

TYPE	DESCRIPTION
EBool	The value of the object.

Methods

setCallId(String)

Set the callId value.

Declaration

```
public void setCallId(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	callId value.

setListen(EBool)

Set value.

Declaration

```
public void setListen(EBool val)
```

Parameters

TYPE	NAME	DESCRIPTION
EBool	val	value.

toJson()

Helper method to build a JSON string from a SetListen instance.

Declaration

```
public override string toJson()
```

Returns

TYPE	DESCRIPTION

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the SetListen instance.

Overrides

[PerCLCommand.toJson()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

toKvp()

Retrieve the KVP Dictionary for the SetListen instance.

Declaration

```
public override IDictionary<string, object> toKvp()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	KVP Dictionary

Overrides

[PerCLCommand.toKvp()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

Class SetTalk

SetTalk PerCL command.

Syntax

```
[JsonObject]
public sealed class SetTalk : PerCLCommand
```

Constructors

SetTalk(String)

Creates SetTalk PerCL with require fields.

Declaration

```
public SetTalk(string callId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	callId	Call Id.

Properties

getCallId

Retrieve the callId value.

Declaration

```
public string getCallId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The callId value of the object.

getTalk

Retrieve value.

Declaration

```
public EBool getTalk { get; }
```

Property Value

TYPE	DESCRIPTION
EBool	The value of the object.

Methods

setCallId(String)

Set the callId value.

Declaration

```
public void setCallId(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	callId value.

setTalk(EBool)

Set value.

Declaration

```
public void setTalk(EBool val)
```

Parameters

TYPE	NAME	DESCRIPTION
EBool	val	value.

toJson()

Helper method to build a JSON string from a SetTalk instance.

Declaration

```
public override string toJson()
```

Returns

TYPE	DESCRIPTION

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the SetTalk instance.

Overrides

[PerCLCommand.toJson()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

toKvp()

Retrieve the KVP Dictionary for the SetTalk instance.

Declaration

```
public override IDictionary<string, object> toKvp()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	KVP Dictionary

Overrides

[PerCLCommand.toKvp()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

Class Sms

Sms PerCL command.

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.percl

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class Sms : PerCLCommand
```

Constructors

Sms(String, String, String)

Creates Sms PerCL with required fields.

Declaration

```
public Sms(string from, string to, string text)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	from	phone number message is from in E.164 format.
System.String	to	phone number to send message to in E.164 format.
System.String	text	text of message. Should be 254 chars or less.

Properties

getFrom

Retrieve the from value.

Declaration

```
public string getFrom { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The from value of the object.

getNotificationUrl

Retrieve the notificationUrl value.

Declaration

```
public string getNotificationUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The notificationUrl value of the object.

getText

Retrieve the text value.

Declaration

```
public string getText { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The text value of the object.

getTo

Retrieve the to value.

Declaration

```
public string getTo { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The to value of the object.

Methods

setFrom(String)

Set the from value.

Declaration

```
public void setFrom(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	from value.

setNotificationUrl(String)

Set the notificationUrl value.

Declaration

```
public void setNotificationUrl(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	notificationUrl value.

setText(String)

Set the text value.

Declaration

```
public void setText(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	text value.

setTo(String)

Set the to value.

Declaration

```
public void setTo(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	to value.

toJson()

Helper method to build a JSON string from a Sms instance.

Declaration

```
public override string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the Sms instance.

Overrides

[PerCLCommand.toJson()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

toKvp()

Retrieve the KVP Dictionary for the Sms instance.

Declaration

```
public override IDictionary<string, object> toKvp()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	KVP Dictionary

Overrides

[PerCLCommand.toKvp()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

Class StartRecordCall

StartRecordCall PerCL command.

Inheritance

System.Object

[PerCLCommand](#)

StartRecordCall

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.percl

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class StartRecordCall : PerCLCommand
```

Methods

toJson()

Helper method to build a JSON string from a StartRecordCall instance.

Declaration

```
public override string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the StartRecordCall instance.

Overrides

[PerCLCommand.toJson()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

toKvp()

Retrieve the KVP Dictionary for the StartRecordCall instance.

Declaration

```
public override IDictionary<string, object> toKvp()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	KVP Dictionary

Overrides

[PerCLCommand.toKvp()](#)

Class TerminateConference

TerminateConference PerCL command.

Inheritance

System.Object

[PerCLCommand](#)

TerminateConference

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.percl

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class TerminateConference : PerCLCommand
```

Constructors

TerminateConference(String)

Creates TerminateConference PerCL with require fields.

Declaration

```
public TerminateConference(string conferenceId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	conferenceId	Conference Id.

Properties

getConferenceId

Retrieve the conferenceId value.

Declaration

```
public string getConferenceId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The conferenceId value of the object.

Methods

setConferenceId(String)

Set the conferenceId value.

Declaration

```
public void setConferenceId(string val)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	val	conferenceId value.

toJson()

Helper method to build a JSON string from a TerminateConference instance.

Declaration

```
public override string toJson()
```

Returns

TYPE	DESCRIPTION
System.String	A JSON string equivalent to the TerminateConference instance.

Overrides

[PerCLCommand.toJson()](#)

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

toKvp()

Retrieve the KVP Dictionary for the TerminateConference instance.

Declaration

```
public override IDictionary<string, object> toKvp()
```

Returns

TYPE	DESCRIPTION
System.Collections.Generic.IDictionary<System.String, System.Object>	KVP Dictionary

Overrides

[PerCLCommand.toKvp()](#)

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Namespace com.freeclimb.webhooks

Classes

FreeClimbRequest

A FreeClimbRequest represents the JSON object that is sent to the webhooks (voiceUrl, voiceFallbackUrl, etc.) of FreeClimb applications. All webhooks except the statusCallbackUrl will recieve a payload in this form.

StatusCallback

The StatusCallback class represents the JSON object that is sent to the statusCallbackUrl webhook of FreeClimb applications. StatusCallback is a subclass of the VoiceRequest and contains all the fields that it does.

VoiceRequest

A VoiceRequest represents the JSON object that is sent to the webhooks (voiceUrl, voiceFallbackUrl, etc.) of FreeClimb applications. The properties in this class are common to most non-message callbacks

Class FreeClimbRequest

A FreeClimbRequest represents the JSON object that is sent to the webhooks (voiceUrl, voiceFallbackUrl, etc.) of FreeClimb applications. All webhooks except the statusCallbackUrl will recieve a payload in this form.

Inheritance

System.Object

FreeClimbRequest

MessageDelivery

MessageStatus

VoiceRequest

Inherited Members

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.webhooks

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class FreeClimbRequest
```

Properties

getAccountId

Retrieve accountId value from the object.

Declaration

```
public string getAccountId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The accountId value.

getFrom

Retrieve from value from the object.

Declaration

```
public string getFrom { get; }
```

Property Value

TYPE	DESCRIPTION

TYPE	DESCRIPTION
System.String	The from value.

getRequestId

Retrieve requestId value from the object.

Declaration

```
public string getRequestId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The requestId value.

getRequestType

Retrieve requestType value from the object.

Declaration

```
public ERequestType getRequestType { get; }
```

Property Value

TYPE	DESCRIPTION
ERequestType	The requestType value.

getTo

Retrieve to value from the object.

Declaration

```
public string getTo { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The to value.

Methods

fromJson(String)

Helper method to build a FreeClimbRequest object from the JSON string.

Declaration

```
public static FreeClimbRequest fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a FreeClimbRequest instance.

Returns

TYPE	DESCRIPTION
FreeClimbRequest	A FreeClimbRequest object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Class StatusCallback

The StatusCallback class represents the JSON object that is sent to the statusCallbackUrl webhook of FreeClimb applications. StatusCallback is a subclass of the VoiceRequest and contains all the fields that it does.

Namespace: com.freeclimb.webhooks

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class StatusCallback : VoiceRequest
```

Properties

getCallDuration

Retrieve callDuration value from the object.

Declaration

```
public int getCallDuration { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The callDuration value.

getRecordingDurationSec

Retrieve recordingDurationSec value from the object.

Declaration

```
public int getRecordingDurationSec { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The recordingDurationSec value.

getRecordingId

Retrieve recordingId value from the object.

Declaration

```
public string getRecordingId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The recordingId value.

getRecordingUrl

Retrieve recordingUrl value from the object.

Declaration

```
public string getRecordingUrl { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The recordingUrl value.

Methods

fromJson(String)

Helper method to build a StatusCallback object from the JSON string.

Declaration

```
public static StatusCallback fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a StatusCallback instance.

Returns

TYPE	DESCRIPTION
StatusCallback	A StatusCallback object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Class VoiceRequest

A VoiceRequest represents the JSON object that is sent to the webhooks (voiceUrl, voiceFallbackUrl, etc.) of FreeClimb applications. The properties in this class are common to most non-message callbacks

Inheritance

System.Object

FreeClimbRequest

VoiceRequest

ApplicationVoiceCallback

OutDialActionCallback

OutDialIfMachineCallback

ConferenceCallControlCallback

ConferenceCreateActionCallback

LeaveConferenceUrlCallback

StatusCallback

Inherited Members

FreeClimbRequest.getAccountId

FreeClimbRequest.getFrom

FreeClimbRequest.getRequestId

FreeClimbRequest.getRequestType

FreeClimbRequest.getTo

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.webhooks

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class VoiceRequest : FreeClimbRequest
```

Properties

getCallId

Retrieve callId value from the object.

Declaration

```
public string getCallId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The callId value.

getCallStatus

Retrieve callId value from the object.

Retrieve callId value from the object.

Declaration

```
public ECallStatus getCallStatus { get; }
```

Property Value

TYPE	DESCRIPTION
ECallStatus	The callId value.

getConferenceId

Retrieve conferenceId value from the object.

Declaration

```
public string getConferenceId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The conferenceId value.

getDirection

Retrieve direction value from the object.

Declaration

```
public EDirection getDirection { get; }
```

Property Value

TYPE	DESCRIPTION
EDirection	The direction value.

getParentCallId

Retrieve parentCallId value from the object.

Declaration

```
public string getParentCallId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The parentCallId value.

getQueueId

Retrieve queueId value from the object.

Declaration

```
public string getQueueId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The queueId value.

Methods

fromJson(String)

Helper method to build a VoiceRequest object from the JSON string.

Declaration

```
public static VoiceRequest fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a VoiceRequest instance.

Returns

TYPE	DESCRIPTION
[VoiceRequest]	A VoiceRequest object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
[FreeClimbJSONException]	Thrown upon deserialize failure.

Namespace com.freeclimb.webhooks.application

Classes

ApplicationVoiceCallback

An ApplicationVoiceCallback represents the JSON object that is sent to the webhooks for incoming calls. URL specified in voiceUrl, voiceFallbackUrl of Application. Currently no special properties beyond its' subclasses

MessageDelivery

A MessageDelivery represents the JSON object that is sent to the webhooks for incoming messages. URL specified in smsUrl, smsFallbackUrl of Application

Class ApplicationVoiceCallback

An ApplicationVoiceCallback represents the JSON object that is sent to the webhooks for incoming calls. URL specified in voiceUrl, voiceFallbackUrl of Application. Currently no special properties beyond its' subclasses

Inheritance

System.Object

FreeClimbRequest

VoiceRequest

ApplicationVoiceCallback

Inherited Members

VoiceRequest.getCallId

VoiceRequest.getParentCallId

VoiceRequest.getCallStatus

VoiceRequest.getConferenceId

VoiceRequest.getDirection

VoiceRequest.getQueueId

FreeClimbRequest.getAccountId

FreeClimbRequest.getFrom

FreeClimbRequest.getRequestId

FreeClimbRequest.getRequestType

FreeClimbRequest.getTo

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.webhooks.application

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class ApplicationVoiceCallback : VoiceRequest
```

Methods

fromJson(String)

Helper method to build an ApplicationVoiceCallback object from the JSON string.

Declaration

```
public static ApplicationVoiceCallback fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing an ApplicationVoiceCallback instance.

Returns

Type	Description
ApplicationVoiceCallback	An ApplicationVoiceCallback object equivalent to the JSON string passed in.

Exceptions

Type	Condition
FreeClimbJSONException	Thrown upon deserialize failure.

Type	Description
ApplicationVoiceCallback	An ApplicationVoiceCallback object equivalent to the JSON string passed in.

Exceptions

Type	Condition

Class MessageDelivery

A MessageDelivery represents the JSON object that is sent to the webhooks for incoming messages. URL specified in smsUrl, smsFallbackUrl of Application

Inheritance

System.Object

FreeClimbRequest

MessageDelivery

Inherited Members

FreeClimbRequest.getAccountId

FreeClimbRequest.getFrom

FreeClimbRequest.getRequestId

FreeClimbRequest.getRequestType

FreeClimbRequest.getTo

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.webhooks.application

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class MessageDelivery : FreeClimbRequest
```

Properties

getApplicationId

Retrieve applicationId value from the object.

Declaration

```
public string getApplicationId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The applicationId value.

getDirection

Retrieve direction value from the object.

Declaration

```
public EMessageDirection getDirection { get; }
```

Property Value

TYPE	DESCRIPTION
EMessageDirection	The direction value.

getMessageId

Retrieve messageId value from the object.

Declaration

```
public string getMessageId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The messageId value.

getPhoneNumberId

Retrieve phoneNumberId value from the object.

Declaration

```
public string getPhoneNumberId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The phoneNumberId value.

getStatus

Retrieve status value from the object.

Declaration

```
public EMessageStatus getStatus { get; }
```

Property Value

TYPE	DESCRIPTION
EMessageStatus	The status value.

getText

Retrieve text value from the object.

Declaration

```
public string getText { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The text value.

Methods

fromJson(String)

Helper method to build a MessageDelivery object from the JSON string.

Declaration

```
public static MessageDelivery fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a MessageDelivery instance.

Returns

TYPE	DESCRIPTION
MessageDelivery	A MessageDelivery object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Namespace com.freeclimb.webhooks.call

Classes

CallStatusCallback

A CallStatusCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

OutDialActionCallback

An OutDialActionCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

OutDialIfMachineCallback

An OutDialIfMachineCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

RecordingUtteranceActionCallback

A RecordingUtteranceActionCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

Class CallStatusCallback

A CallStatusCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

Inheritance

System.Object

[FreeClimbRequest](#)

[VoiceRequest](#)

[StatusCallback](#)

CallStatusCallback

Inherited Members

[StatusCallback.getCallDuration](#)

[StatusCallback.getRecordingUrl](#)

[StatusCallback.getRecordingId](#)

[StatusCallback.getRecordingDurationSec](#)

[VoiceRequest.getCallId](#)

[VoiceRequest.getParentCallId](#)

[VoiceRequest.getCallStatus](#)

[VoiceRequest.getConferenceId](#)

[VoiceRequest.getDirection](#)

[VoiceRequest.getQueueId](#)

[FreeClimbRequest.getAccountId](#)

[FreeClimbRequest.getFrom](#)

[FreeClimbRequest.getRequestId](#)

[FreeClimbRequest.getRequestType](#)

[FreeClimbRequest.getTo](#)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.webhooks.call

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class CallStatusCallback : StatusCallback
```

Properties

getAnsweredBy

Retrieve answeredBy value from the object.

Declaration

```
public EAnsweredBy getAnsweredBy { get; }
```

Property Value

TYPE	DESCRIPTION
[EAnsweredBy](#)	The answeredBy value.

getDialCallStatus

Retrieve dialCallStatus value from the object.

Declaration

```
public ECallStatus getDialCallStatus { get; }
```

Property Value

TYPE	DESCRIPTION
[ECallStatus](#)	The dialCallStatus value.

Methods

fromJson(String)

Helper method to build a CallStatusCallback object from the JSON string.

Declaration

```
public static CallStatusCallback fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a CallStatusCallback instance.

Returns

TYPE	DESCRIPTION
[CallStatusCallback](#)	A CallStatusCallback object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

Class OutDialActionCallback

An OutDialActionCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

Inheritance

System.Object

FreeClimbRequest

VoiceRequest

OutDialActionCallback

Inherited Members

VoiceRequest.getCallId

VoiceRequest.getParentCallId

VoiceRequest.getCallStatus

VoiceRequest.getConferenceId

VoiceRequest.getDirection

VoiceRequest.getQueueId

FreeClimbRequest.getAccountId

FreeClimbRequest.getFrom

FreeClimbRequest.getRequestId

FreeClimbRequest.getRequestType

FreeClimbRequest.getTo

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.webhooks.call

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class OutDialActionCallback : VoiceRequest
```

Properties

getDialCallId

Retrieve dialCallId value from the object.

Declaration

```
public string getDialCallId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The dialCallId value.

Methods

fromJson(String)

Helper method to build an OutDialActionCallback object from the JSON string.

Declaration

```
public static OutDialActionCallback fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing an OutDialActionCallback instance.

Returns

TYPE	DESCRIPTION
OutDialActionCallback	An OutDialActionCallback object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Class OutDialIfMachineCallback

An OutDialIfMachineCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

Inheritance

System.Object

[FreeClimbRequest](#)

[VoiceRequest](#)

OutDialIfMachineCallback

Inherited Members

[VoiceRequest.getCallId](#)

[VoiceRequest.getParentCallId](#)

[VoiceRequest.getCallStatus](#)

[VoiceRequest.getConferenceId](#)

[VoiceRequest.getDirection](#)

[VoiceRequest.getQueueId](#)

[FreeClimbRequest.getAccountId](#)

[FreeClimbRequest.getFrom](#)

[FreeClimbRequest.getRequestId](#)

[FreeClimbRequest.getRequestType](#)

[FreeClimbRequest.getTo](#)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: [com.freeclimb.webhooks.call](#)

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class OutDialIfMachineCallback : VoiceRequest
```

Properties

getMachineType

Retrieve machineType value from the object.

Declaration

```
public EMachineType getMachineType { get; }
```

Property Value

TYPE	DESCRIPTION
[EMachineType](#)	The machineType value.

Methods

fromJson(String)

Helper method to build an OutDialIfMachineCallback object from the JSON string.

Declaration

```
public static OutDialIfMachineCallback fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing an OutDialIfMachineCallback instance.

Returns

TYPE	DESCRIPTION
[OutDialIfMachineCallback](#)	An OutDialIfMachineCallback object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

Class RecordingUtteranceActionCallback

A RecordingUtteranceActionCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

Namespace: com.freeclimb.webhooks.call

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class RecordingUtteranceActionCallback : StatusCallback
```

Properties

getRecordingFormat

Retrieve recordingFormat value from the object.

Declaration

```
public string getRecordingFormat { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The recordingFormat value.

getRecordingSize

Retrieve recordingSize value from the object.

Declaration

```
public int getRecordingSize { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The recordingSize value.

getTermReason

Retrieve termReason value from the object.

Declaration

```
public ERecordTermReason getTermReason { get; }
```

Property Value

TYPE	DESCRIPTION
[ERecordTermReason](#)	The termReason value.

Methods

fromJson(String)

Helper method to build a RecordingUtteranceActionCallback object from the JSON string.

Declaration

```
public static RecordingUtteranceActionCallback fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a RecordingUtteranceActionCallback instance.

Returns

TYPE	DESCRIPTION

TYPE	DESCRIPTION
RecordingUtteranceActionCallback	A RecordingUtteranceStatusCallback object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Namespace com.freeclimb.webhooks.conference

Classes

ConferenceCallControlCallback

A ConferenceCallControlCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

ConferenceCreateActionCallback

A ConferenceActionCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

ConferenceStatusCallback

A ConferenceStatusCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

LeaveConferenceUrlCallback

A LeaveConferenceUrlCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

Class ConferenceCallControlCallback

A ConferenceCallControlCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

Inheritance

System.Object

FreeClimbRequest

VoiceRequest

ConferenceCallControlCallback

Inherited Members

VoiceRequest.getCallId

VoiceRequest.getParentCallId

VoiceRequest.getCallStatus

VoiceRequest.getConferenceId

VoiceRequest.getDirection

VoiceRequest.getQueueId

FreeClimbRequest.getAccountId

FreeClimbRequest.getFrom

FreeClimbRequest.getRequestId

FreeClimbRequest.getRequestType

FreeClimbRequest.getTo

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.webhooks.conference

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class ConferenceCallControlCallback : VoiceRequest
```

Properties

getDigits

Retrieve digits value from the object.

Declaration

```
public string getDigits { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The digits value.

Methods

fromJson(String)

Helper method to build a ConferenceCallControlCallback object from the JSON string.

Declaration

```
public static ConferenceCallControlCallback fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a ConferenceCallControlCallback instance.

Returns

TYPE	DESCRIPTION
[ConferenceCallControlCallback](#)	A ConferenceCallControlCallback object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

Class ConferenceCreateActionCallback

A ConferenceActionCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

Inheritance

System.Object

FreeClimbRequest

VoiceRequest

ConferenceCreateActionCallback

Inherited Members

VoiceRequest.getCallId

VoiceRequest.getParentCallId

VoiceRequest.getCallStatus

VoiceRequest.getConferenceId

VoiceRequest.getDirection

VoiceRequest.getQueueId

FreeClimbRequest.getAccountId

FreeClimbRequest.getFrom

FreeClimbRequest.getRequestId

FreeClimbRequest.getRequestType

FreeClimbRequest.getTo

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.webhooks.conference

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class ConferenceCreateActionCallback : VoiceRequest
```

Methods

fromJson(String)

Helper method to build a ConferenceActionCallback object from the JSON string.

Declaration

```
public static ConferenceCreateActionCallback fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a ConferenceStatusCallback instance.

Returns

TYPE	DESCRIPTION
ConferenceCreateActionCallback	A ConferenceStatusCallback object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Class ConferenceStatusCallback

A ConferenceStatusCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

Namespace: com.freeclimb.webhooks.conference

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class ConferenceStatusCallback : StatusCallback
```

Properties

getStatus

Retrieve conferenceId value from the object.

Declaration

```
public EConferenceStatus getStatus { get; }
```

Property Value

TYPE	DESCRIPTION
EConferenceStatus	The status value.

Methods

fromJson(String)

Helper method to build a ConferenceStatusCallback object from the JSON string.

Declaration

```
public static ConferenceStatusCallback fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a ConferenceStatusCallback instance.

Returns

TYPE	DESCRIPTION
ConferenceStatusCallback	A ConferenceStatusCallback object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Class LeaveConferenceUrlCallback

A LeaveConferenceUrlCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

Inheritance

System.Object

FreeClimbRequest

VoiceRequest

LeaveConferenceUrlCallback

Inherited Members

VoiceRequest.getCallId

VoiceRequest.getParentCallId

VoiceRequest.getCallStatus

VoiceRequest.getConferenceId

VoiceRequest.getDirection

VoiceRequest.getQueueId

FreeClimbRequest.getAccountId

FreeClimbRequest.getFrom

FreeClimbRequest.getRequestId

FreeClimbRequest.getRequestType

FreeClimbRequest.getTo

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.webhooks.conference

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class LeaveConferenceUrlCallback : VoiceRequest
```

Methods

fromJson(String)

Helper method to build a LeaveConferenceUrlCallback object from the JSON string.

Declaration

```
public static LeaveConferenceUrlCallback fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a LeaveConferenceUrlCallback instance.

Returns

T Y P E	DESCRIPTION
LeaveConferenceUrlCallback	A LeaveConferenceUrlCallback object equivalent to the JSON string passed in.

Exceptions

T Y P E	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Namespace com.freeclimb.webhooks.message

Classes

MessageStatus

A MessageStatus represents the JSON object that is sent to the webhooks for message notificationUrl

Class MessageStatus

A MessageStatus represents the JSON object that is sent to the webhooks for message notificationUrl

Inheritance

System.Object

[FreeClimbRequest](#)

MessageStatus

Inherited Members

[FreeClimbRequest.getAccountId](#)

[FreeClimbRequest.getFrom](#)

[FreeClimbRequest.getRequestId](#)

[FreeClimbRequest.getRequestType](#)

[FreeClimbRequest.getTo](#)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.webhooks.message

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public class MessageStatus : FreeClimbRequest
```

Properties

getApplicationId

Retrieve applicationId value from the object.

Declaration

```
public string getApplicationId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The applicationId value.

getCallId

Retrieve callId value from the object.

Declaration

```
public string getCallId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The callId value.

getDirection

Retrieve direction value from the object.

Declaration

```
public EMessageDirection getDirection { get; }
```

Property Value

TYPE	DESCRIPTION
[EMessageDirection](#)	The direction value.

getMessageId

Retrieve messageId value from the object.

Declaration

```
public string getMessageId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The messageId value.

getParentCallId

Retrieve parentCallId value from the object.

Declaration

```
public string getParentCallId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The parentCallId value.

getPhoneNumberId

Retrieve phoneNumberId value from the object.

Declaration

```
public string getPhoneNumberId { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The phoneNumberId value.

getStatus

Retrieve status value from the object.

Declaration

```
public EMessageStatus getStatus { get; }
```

Property Value

TYPE	DESCRIPTION
[EMessageStatus](#)	The status value.

getText

Retrieve text value from the object.

Declaration

```
public string getText { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The text value.

Methods

fromJson(String)

Helper method to build a MessageStatus object from the JSON string.

Declaration

```
public static MessageStatus fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a MessageStatus instance.

Returns

TYPE	DESCRIPTION
[MessageStatus](#)	A MessageStatus object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Namespace com.freeclimb.webhooks.percl

Classes

GetDigitsActionCallback

A GetDigitsActionCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

GetSpeechActionCallback

A GetSpeechActionCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

Class GetDigitsActionCallback

A GetDigitsActionCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

Inheritance

System.Object

FreeClimbRequest

VoiceRequest

StatusCallback

GetDigitsActionCallback

Inherited Members

StatusCallback.getCallDuration

StatusCallback.getRecordingUrl

StatusCallback.getRecordingId

StatusCallback.getRecordingDurationSec

VoiceRequest.getCallId

VoiceRequest.getParentCallId

VoiceRequest.getCallStatus

VoiceRequest.getConferenceId

VoiceRequest.getDirection

VoiceRequest.getQueueId

FreeClimbRequest.getAccountId

FreeClimbRequest.getFrom

FreeClimbRequest.getRequestId

FreeClimbRequest.getRequestType

FreeClimbRequest.getTo

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.webhooks.percl

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class GetDigitsActionCallback : StatusCallback
```

Properties

getDigits

Retrieve digits value from the object.

Declaration

```
public string getDigits { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The digits value.

getReason

Retrieve reason value from the object.

Declaration

```
public EDigitTermReason getReason { get; }
```

Property Value

TYPE	DESCRIPTION
[EDigitTermReason](#)	The reason value.

Methods

fromJson(String)

Helper method to build a GetDigitsActionCallback object from the JSON string.

Declaration

```
public static GetDigitsActionCallback fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a GetDigitsActionCallback instance.

Returns

TYPE	DESCRIPTION
[GetDigitsActionCallback](#)	A GetDigitsStatusCallback object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
[FreeClimbJSONException](#)	Thrown upon deserialize failure.

Class GetSpeechActionCallback

A GetSpeechActionCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

Namespace: com.freeclimb.webhooks.percl

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class GetSpeechActionCallback : StatusCallback
```

Properties

getConfidence

Retrieve confidence value from the object.

Declaration

```
public int getConfidence { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The confidence value.

getReason

Retrieve reason value from the object.

Declaration

```
public ESpeechTermReason getReason { get; }
```

Property Value

TYPE	DESCRIPTION
ESpeechTermReason	The reason value.

getRecognitionResult

Retrieve recognitionResult value from the object.

Declaration

```
public string getRecognitionResult { get; }
```

Property Value

TYPE	DESCRIPTION
System.String	The recognitionResult value.

Methods

fromJson(String)

Helper method to build a GetSpeechActionCallback object from the JSON string.

Declaration

```
public static GetSpeechActionCallback fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a GetSpeechActionCallback instance.

Returns

TYPE	DESCRIPTION

TYPE	DESCRIPTION
GetSpeechActionCallback	A GetSpeechStatusCallback object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

TYPE	DESCRIPTION
GetSpeechActionCallback	A GetSpeechStatusCallback object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION

Namespace com.freeclimb.webhooks.queue

Classes

QueueActionCallback

A QueueActionCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

QueueWaitCallback

A QueueWaitCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

Class QueueActionCallback

A QueueActionCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

Inheritance

System.Object

FreeClimbRequest

VoiceRequest

StatusCallback

QueueActionCallback

Inherited Members

StatusCallback.getCallDuration

StatusCallback.getRecordingUrl

StatusCallback.getRecordingId

StatusCallback.getRecordingDurationSec

VoiceRequest.getCallId

VoiceRequest.getParentCallId

VoiceRequest.getCallStatus

VoiceRequest.getConferenceId

VoiceRequest.getDirection

VoiceRequest.getQueueId

FreeClimbRequest.getAccountId

FreeClimbRequest.getFrom

FreeClimbRequest.getRequestId

FreeClimbRequest.getRequestType

FreeClimbRequest.getTo

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.webhooks.queue

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class QueueActionCallback : StatusCallback
```

Properties

getQueueResult

Retrieve queueResult value from the object.

Declaration

```
public EResults getQueueResult { get; }
```

Property Value

TYPE	DESCRIPTION
EResults	The queueResult value.

getQueueTime

Retrieve queueTime value from the object.

Declaration

```
public int getQueueTime { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The queueTime value.

Methods

fromJson(String)

Helper method to build a QueueActionCallback object from the JSON string.

Declaration

```
public static QueueActionCallback fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a QueueActionCallback instance.

Returns

TYPE	DESCRIPTION
QueueActionCallback	A QueueActionCallback object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.

Class QueueWaitCallback

A QueueWaitCallback represents the JSON object that is sent to the webhooks of FreeClimb applications.

Inheritance

System.Object

[FreeClimbRequest](#)

[VoiceRequest](#)

[StatusCallback](#)

QueueWaitCallback

Inherited Members

[StatusCallback.getCallDuration](#)

[StatusCallback.getRecordingUrl](#)

[StatusCallback.getRecordingId](#)

[StatusCallback.getRecordingDurationSec](#)

[VoiceRequest.getCallId](#)

[VoiceRequest.getParentCallId](#)

[VoiceRequest.getCallStatus](#)

[VoiceRequest.getConferenceId](#)

[VoiceRequest.getDirection](#)

[VoiceRequest.getQueueId](#)

[FreeClimbRequest.getAccountId](#)

[FreeClimbRequest.getFrom](#)

[FreeClimbRequest.getRequestId](#)

[FreeClimbRequest.getRequestType](#)

[FreeClimbRequest.getTo](#)

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: com.freeclimb.webhooks.queue

Assembly: freeclimb-cs-sdk.dll

Syntax

```
[JsonObject]
public sealed class QueueWaitCallback : StatusCallback
```

Properties

getAverageQueueTime

Retrieve averageQueueTime value from the object.

Declaration

```
public int getAverageQueueTime { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The averageQueueTime value.

getCurrentQueueSize

Retrieve currentQueueSize value from the object.

Declaration

```
public int getCurrentQueueSize { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The currentQueueSize value.

getQueuePosition

Retrieve queuePosition value from the object.

Declaration

```
public int getQueuePosition { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The queuePosition value.

getQueueTime

Retrieve queueTime value from the object.

Declaration

```
public int getQueueTime { get; }
```

Property Value

TYPE	DESCRIPTION
System.Int32	The queueTime value.

Methods

fromJson(String)

Helper method to build a QueueWaitCallback object from the JSON string.

Declaration

```
public static QueueWaitCallback fromJson(string rawJson)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	rawJson	A JSON string representing a QueueWaitCallback instance.

Returns

TYPE	DESCRIPTION
QueueWaitCallback	A QueueWaitStatusCallback object equivalent to the JSON string passed in.

Exceptions

TYPE	CONDITION
FreeClimbJSONException	Thrown upon deserialize failure.