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com.kauailabs.navx.ftc

## Enum navXPIDController.ToleranceType

* java.lang.Object
  + java.lang.Enum<[navXPIDController.ToleranceType](http://docs.google.com/com/kauailabs/navx/ftc/navXPIDController.ToleranceType.html)>
    - com.kauailabs.navx.ftc.navXPIDController.ToleranceType
* All Implemented Interfaces: java.io.Serializable, java.lang.Comparable<[navXPIDController.ToleranceType](http://docs.google.com/com/kauailabs/navx/ftc/navXPIDController.ToleranceType.html)> Enclosing class: [navXPIDController](http://docs.google.com/com/kauailabs/navx/ftc/navXPIDController.html)  
    
  public static enum navXPIDController.ToleranceType  
  extends java.lang.Enum<[navXPIDController.ToleranceType](http://docs.google.com/com/kauailabs/navx/ftc/navXPIDController.ToleranceType.html)>  
  The ToleranceType enumeration defines the type of tolerance to be used by the navXPIDController to determine whether the controller is "on\_target".

### Enum Constant SummaryEnum Constants

|  |
| --- |
| * + Enum Constant and Description |
| * + [ABSOLUTE](http://docs.google.com/com/kauailabs/navx/ftc/navXPIDController.ToleranceType.html#ABSOLUTE) |
| * + [NONE](http://docs.google.com/com/kauailabs/navx/ftc/navXPIDController.ToleranceType.html#NONE) |
| * + [PERCENT](http://docs.google.com/com/kauailabs/navx/ftc/navXPIDController.ToleranceType.html#PERCENT) |

### Method SummaryAll Methods Static Methods Concrete Methods

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + static [navXPIDController.ToleranceType](http://docs.google.com/com/kauailabs/navx/ftc/navXPIDController.ToleranceType.html) | * + [valueOf](http://docs.google.com/com/kauailabs/navx/ftc/navXPIDController.ToleranceType.html#valueOf-java.lang.String-)(java.lang.String name) Returns the enum constant of this type with the specified name. |
| * + static [navXPIDController.ToleranceType](http://docs.google.com/com/kauailabs/navx/ftc/navXPIDController.ToleranceType.html)[] | * + [values](http://docs.google.com/com/kauailabs/navx/ftc/navXPIDController.ToleranceType.html#values--)() Returns an array containing the constants of this enum type, in the order they are declared. |

### Methods inherited from class java.lang.Enumclone, compareTo, equals, finalize, getDeclaringClass, hashCode, name, ordinal, toString, valueOf

### Methods inherited from class java.lang.ObjectgetClass, notify, notifyAll, wait, wait, wait

### Enum Constant Detail

#### NONE public static final [navXPIDController.ToleranceType](http://docs.google.com/com/kauailabs/navx/ftc/navXPIDController.ToleranceType.html) NONE

#### PERCENT public static final [navXPIDController.ToleranceType](http://docs.google.com/com/kauailabs/navx/ftc/navXPIDController.ToleranceType.html) PERCENT

#### ABSOLUTE public static final [navXPIDController.ToleranceType](http://docs.google.com/com/kauailabs/navx/ftc/navXPIDController.ToleranceType.html) ABSOLUTE

### Method Detail

#### values public static [navXPIDController.ToleranceType](http://docs.google.com/com/kauailabs/navx/ftc/navXPIDController.ToleranceType.html)[] values() Returns an array containing the constants of this enum type, in the order they are declared. This method may be used to iterate over the constants as follows: for (navXPIDController.ToleranceType c : navXPIDController.ToleranceType.values())   System.out.println(c); Returns: an array containing the constants of this enum type, in the order they are declared

#### valueOf public static [navXPIDController.ToleranceType](http://docs.google.com/com/kauailabs/navx/ftc/navXPIDController.ToleranceType.html) valueOf(java.lang.String name) Returns the enum constant of this type with the specified name. The string must match *exactly* an identifier used to declare an enum constant in this type. (Extraneous whitespace characters are not permitted.)Parameters: name - the name of the enum constant to be returned. Returns: the enum constant with the specified name Throws: java.lang.IllegalArgumentException - if this enum type has no constant with the specified name java.lang.NullPointerException - if the argument is null

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