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com.kauailabs.navx.ftc

## Enum AHRS.BoardAxis

* java.lang.Object
  + java.lang.Enum<[AHRS.BoardAxis](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.BoardAxis.html)>
    - com.kauailabs.navx.ftc.AHRS.BoardAxis
* All Implemented Interfaces: java.io.Serializable, java.lang.Comparable<[AHRS.BoardAxis](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.BoardAxis.html)> Enclosing class: [AHRS](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.html)  
    
  public static enum AHRS.BoardAxis  
  extends java.lang.Enum<[AHRS.BoardAxis](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.BoardAxis.html)>  
  Identifies one of the three sensing axes on the navX sensor board. Note that these axes are board-relative ("Board Frame"), and are not necessarily the same as the logical axes of the chassis on which the sensor is mounted. For more information on sensor orientation, please see the navX sensor Orientation page.

### Enum Constant SummaryEnum Constants

|  |
| --- |
| * + Enum Constant and Description |
| * + [kBoardAxisX](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.BoardAxis.html#kBoardAxisX) |
| * + [kBoardAxisY](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.BoardAxis.html#kBoardAxisY) |
| * + [kBoardAxisZ](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.BoardAxis.html#kBoardAxisZ) |

### Method SummaryAll Methods Static Methods Instance Methods Concrete Methods

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + int | * + [getValue](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.BoardAxis.html#getValue--)() |
| * + static [AHRS.BoardAxis](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.BoardAxis.html) | * + [valueOf](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.BoardAxis.html#valueOf-java.lang.String-)(java.lang.String name) Returns the enum constant of this type with the specified name. |
| * + static [AHRS.BoardAxis](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.BoardAxis.html)[] | * + [values](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.BoardAxis.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

#### kBoardAxisX public static final [AHRS.BoardAxis](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.BoardAxis.html) kBoardAxisX

#### kBoardAxisY public static final [AHRS.BoardAxis](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.BoardAxis.html) kBoardAxisY

#### kBoardAxisZ public static final [AHRS.BoardAxis](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.BoardAxis.html) kBoardAxisZ

### Method Detail

#### values public static [AHRS.BoardAxis](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.BoardAxis.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 (AHRS.BoardAxis c : AHRS.BoardAxis.values())   System.out.println(c); Returns: an array containing the constants of this enum type, in the order they are declared

#### valueOf public static [AHRS.BoardAxis](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.BoardAxis.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

#### getValue public int getValue()

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