```
/**
 * ... text ...
 */
```

```
/*! \brief Brief description.
 *        Brief description continued.
 *
 *  Detailed description starts here.
 */
```

JAVADOC_AUTOBRIEF
```
/** Brief description which ends at this dot. Details follow
 *  here.
 */
```

```
    /**
     * a normal member taking two arguments and returning an integer value.
     * @param a an integer argument.
     * @param s a constant character pointer.
     * @see Test()
     * @see ~Test()
     * @see testMeToo()
     * @see publicVar()
     * @sa text here
     * @return The test results
     */
```

```
int var; /**< Detailed description after the member */
```

```
/** @file */
```

```
/**
 * Text before the list
 * - list item 1
 *   - sub item 1
 *     - sub sub item 1
 *     - sub sub item 2
 *     .
 *     The dot above ends the sub sub item list.
 *     More text for the first sub item
 *   .
 *   The dot above ends the first sub item.
 *   More text for the first list item
 *   - sub item 2
 *   - sub item 3
 * - list item 2
 * .
 * More text in the same paragraph.
 *
 * More text in a new paragraph.
 */
```

```
/** @name Group2
 *  Description of group 2.
 */
/** @{ */
 ...
/** @} */
```

The distance between $\f$(x_1,y_1)\f$$ and $\f$(x\_2,y\_2)\f$$ is
$\f$\sqrt{(x_2-x_1)^2+(y_2-y_1)^2}\f$$.

```
/*! \mainpage My Personal Index Page
```

```
 *
 * \section intro_sec Introduction
 *
 * This is the introduction.
 *
 * \section install_sec Installation
 *
 * \subsection step1 Step 1: Opening the box
 *
 * etc...
 */
```

Test#member(int,int)

```
/*! \page page1 A documentation page
  Leading text.
  \section sec An example section
  This page contains the subsections \ref subsection1 and \ref subsection2.
  For more info see page \ref page2.
  \subsection subsection1 The first subsection
  Text.
  \subsection subsection2 The second subsection
  More text.
*/
```

```
/*! \page page2 Another page
  Even more info.
*/
```