# Doxygen - Documentation Generator

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## 1 Introduction

Doxygen is used to parse the documented source code and generate a well structured documentation.

## 2 System Requirements

Doxygen is available on Windows and Ubuntu. Together with Doxygen the graph program Graphviz is used to generate the graphs.

### 2.1 Windows

Software in windows

- Microsoft Windows 7 Professional Version 6.1 (Build 7601: Service Pack 1)

- Doxygen version 1.8.7

- Graphviz version 2.38

### 2.2 Ubuntu

- Ubuntu 13.10

- Doxygen version 1.8.6

- Graphviz version 2.26.3-15ubuntu4.1

# 3   Organization

In the folder `TechnicalDocumentation` are the configuration files for Doxygen placed. The folder `MainPages` contains contains the `.txt` files that contain the front page information of the generated documentation.

After running doxygen on the whole project three folders will be created containing the documentation. The folders are

- `Soundlie_HW_Documentation`

- `Soundlie_SW_Documentation`

- `Soundlie_PC_SW_Documentation`

These folders have the same structure.

## 3.1   Reading Generated Documentation

To read the generated documentation enter one of the previously mentioned folders and open the file placed in `/html/index.html` which will open in a web browser.