How can I add some information in my project outside codes so that doxygen can get and generate the html files and put it inside the index.html?

###### ChatGPT said:

To include **custom non-code information** (like project overview, usage instructions, diagrams, etc.) in your Doxygen-generated HTML output — particularly inside or linked from index.html — you can use **Markdown or reStructuredText** pages.

Here’s how to do it:

## ✅ 1. Create a Markdown or .dox file

For example, create a file called mainpage.md or mainpage.dox in your project root:

### 📄 mainpage.md (or .dox)

markdown

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/\*\*

@mainpage My Project Title

Welcome to \*\*My Project\*\*!

## 🔧 Features

- Feature A

- Feature B

## 🚀 Getting Started

To install:

```bash

pip install myproject

## 📚 Documentation

This site is generated by Doxygen and includes:

* Class references
* Examples
* API structure

\*/

yaml

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> ✅ Doxygen will treat this file as the entry point for your documentation.

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## ✅ 2. Update your `Doxyfile` (Doxygen config)

Open or generate `Doxyfile`:

```bash

doxygen -g

### Then modify these settings:

ini

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# Point to your Markdown or Doxygen comment file

INPUT = src/ mainpage.md

# Allow Markdown

MARKDOWN\_SUPPORT = YES

# Optional: Automatically generate index.html

USE\_MDFILE\_AS\_MAINPAGE = mainpage.md

You can include multiple .md, .dox, or source folders in INPUT.

## ✅ 3. Generate the docs

From the project root:

bash

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doxygen Doxyfile

This will generate:

bash

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docs/html/index.html

Inside, you'll now see your custom content rendered on the homepage.

## ✅ 4. (Optional) Add additional pages

You can create other .md or .dox files and reference them like this:

markdown

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[See the usage guide](usage.md)

Or use Doxygen-specific commands:

markdown

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\page usage Usage Guide

Here’s how to use the tool...

Then include usage.md in the INPUT path of your Doxyfile.

## ✅ Summary

| Task | What to do |
| --- | --- |
| Add text to homepage | Create mainpage.md or .dox with @mainpage |
| Add to Doxyfile | Set INPUT, USE\_MDFILE\_AS\_MAINPAGE |
| Generate docs | Run doxygen Doxyfile |

Would you like a sample Doxyfile pre-configured for Markdown + Python?