

# Customizing the Operation Viewer

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The file `./data/operations/OpTemplate.html` (distributed in `client-dist/data/operations`) should be distributed to your clients. This file can be customized as needed by SOs. It is straight HTML, with some additional markup.

Please note that the viewer relies on the server having an accurate `./data/operations/opsmd5.txt`. If the SO changes operation files manually, he must delete `opsmd5.txt` so the server can recalculate the MD5s. Operations uploaded through the client will reset this automatically.

## Markup

There are several types of markup you can add to this file that will be parsed by the OpViewer:

### ANCHOR tags

- Format: `%%ANCHOR%<name>%<display>%%`
- Requirements:
  - Must be on a line of its own
- The name attribute should match an `<a name='name'></a>` HTML anchor in your template file
- The display attribute will be shown on a nav button in the Op Viewer

### OP Name

- Format: `%%OPName%%`
- Operations do not actually store their name in their properties. Therefore, you cannot pull them through normal means, but must use this special tag

### CampaignConfig settings

- Format: `%%CC%<setting>%%`
- Requirements:
  - As with all things, case matters

### Operation Settings

- Format: `%%OP%<setting>%%`
- Requirements:
  - As with all things, case matters
- You can find a list of all 17 million settings in `DefaultOperation.java`