

# Sigproc

“ Software: Sigproc

Key Type(s): Int, String

Depends on: TEMPO1

Change at: Compilation

Repo: <https://github.com/FRBs/sigproc>

Quick links: `src/alias.c` <https://github.com/FRBs/sigproc/blob/master/src/aliases.c>

Sigproc requires a unique number for your telescope and processing machine to be identified. It must be changed prior to compiling and installing Sigproc. You can choose any 32-bit integer as your unique identifier, the existing IDs are present in the `alias.c` file you will be editing.

Any names must be less than 79 characters long, beyond that you may encounter undefined behaviour.

All changes need to be made in the `src/alias.c` file. Three changes are required,

- `char tempo_site(int telescope_id)` needs your chosen unique identifier and your TEMPO1 location code. Note, this should be a single character, not a string.

```
/** Previous cases */
case my_telescope_id:
return my_tempo_char;
break; // Unnecessary, but matches the rest of the function
/** Default case ... */
```

- `char *telescope_name(int telescope_id)` needs your chosen telescope name and unique identifier.

```
/** Previous cases */
case my_telescope_id:
strcpy(string, "my_telescope_name");
```

```
[I]break;  
/*** Default case ... ***/
```

- `char *backend_name (int machine_id)` needs your chosen processing machine name and another (or the same) unique identifier.

```
[Y]*** Previous cases ***/  
    case my_telescope_id:  
        [S]strcpy(string, "my_processing_node_name");  
[I]break;  
/*** Default case ... ***/
```

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Revision #3

Created 13 July 2021 13:38:05 by David

Updated 13 July 2021 13:57:41 by David