

# class

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## table of content

- [class](#)
  - [table of content](#)
  - [1. C data structures and types](#)

## 1. C data structures and types

Example of creating custom run-time type information

```
struct some_data
{
    struct some_data* type;
}

struct some_data
{
    int of_type(void* ptr);
}

extern struct some_data some_data_type;

int of_type(void* ptr)
{
    struct some_data* type = &some_data_type;
    struct some_data* ptr = (struct some_data*)ptr;
    return ptr->type == type;
}

struct some_data some_data_type =
{
    .of_type = of_type
};
```

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