`no_sanitize`

The tracking issue for this feature is: #39699

The `no_sanitize` attribute can be used to selectively disable sanitizer instrumentation in an annotated function. This might be useful to: avoid instrumentation overhead in a performance critical function, or avoid instrumenting code that contains constructs unsupported by given sanitizer.

The precise effect of this annotation depends on particular sanitizer in use. For example, with `no_sanitize(thread)`, the thread sanitizer will no longer instrument non-atomic store / load operations, but it will instrument atomic operations to avoid reporting false positives and provide meaning full stack traces.

Examples

```rust
#![feature(no_sanitize)]

#[no_sanitize(address)]
fn foo() {
    // ...
}
```