rustc_tools_util

A small tool to help you generate version information for packages installed from a git repo

Usage

Add a `build.rs` file to your repo and list it in `Cargo.toml`

```
build = "build.rs"
```

List rustc_tools_util as regular AND build dependency.

```
[dependencies]
rustc_tools_util = "0.1"

[build-dependencies]
rustc_tools_util = "0.1"
```

In `build.rs`, generate the data in your `main()`

```rust
fn main() {
    println!(
        "cargo:rustc-env=GIT_HASH={}",
        rustc_tools_util::get_commit_hash().unwrap_or_default()
    );
    println!(
        "cargo:rustc-env=COMMIT_DATE={}",
        rustc_tools_util::get_commit_date().unwrap_or_default()
    );
    println!(
        "cargo:rustc-env=RUSTC_RELEASE_CHANNEL={}",
        rustc_tools_util::get_channel().unwrap_or_default()
    );
}
```

Use the version information in your main.rs

```rust
use rustc_tools_util::*;

fn show_version() {
    let version_info = rustc_tools_util::get_version_info!();
    println!("{}", version_info);
}
```

This gives the following output in clippy: `clippy 0.0.212 (a416c5e 2018-12-14)`

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