

Adding a Settings Property

1. Add to wincon.w

- THIS IS NOT IN OPENCONSOLE. Make sure you update `.../console/published/wincon.w` in the OS repo when you submit the PR. The branch won't build without it.
- For now, you can update `wincomp.h` with your consumable changes.
- Define registry name (ex `CONSOLE_REGISTRY_CURSORCOLOR`)
- Add the setting to `CONSOLE_STATE_INFO`
- Define the property key ID and the property key itself.
 - Yes, the large majority of the `DEFINE_PROPERTYKEY` defs are the same, it's only the last byte of the guid that changes

2. Add matching fields to Settings.hpp

- Add getters, setters, the whole drill.

3. Add to the propsheet

- We need to add it to *reading and writing* the registry from the propsheet, and *reading* the link from the propsheet. Yes, that's weird, but the propsheet is smart enough to re-use `ShortcutSerialization::s_SetLinkValues`, but not smart enough to do the same with `RegistrySerialization`.
- `src/propsheet/registry.cpp`
 - `propsheet/registry.cpp@InitRegistryValues` should initialize the default value for the property.
 - `propsheet/registry.cpp@GetRegistryValues` should make sure to read the property from the registry

4. Add the field to the propslib registry map

5. Add the value to `ShortcutSerialization.cpp`

- Read the value in `ShortcutSerialization::s_PopulateV2Properties`
- Write the value in `ShortcutSerialization::s_SetLinkValues`

6. Add the setting to `Menu::s_GetConsoleState` , and `Menu::s_PropertiesUpdate` Now, your new setting should be stored just like all the other properties.

7. Update the feature test properties to get add the setting as well

- `ft_uia/Common/NativeMethods.cs@WinConP :`
 - `Wtypes.PROPERTYKEY PKEY_Console_`
 - `NT_CONSOLE_PROPS`

8. Add the default value for the setting to `win32k-settings.man`

- If the setting shouldn't default to 0 or `nullptr` , then you'll need to set the default value of the setting in `win32k-settings.man` .

9. Update `Settings::InitFromStateInfo` and `Settings::CreateConsoleStateInfo` to get/set the value in a `CONSOLE_STATE_INFO` appropriately