

# Permissions Mask Flags

The permissions mask flags are used to test permissions returned from calls such as [PermissionsGetUserAccess](#).

## Masks

Mask	Description
PERMISSIONS_MASK_READ	Test for read access
PERMISSIONS_MASK_MODIFY	Test for modify rights
PERMISSIONS_MASK_EXECUTE	Test for execute rights
PERMISSIONS_MASK_DELETE	Test for delete rights
PERMISSIONS_MASK_CREATE	Test for create rights
PERMISSIONS_MASK_FULLCONTROL	Test for any rights

## Example

```
void MyComponent::UpdateSettings(const Settings &newSettings)
{
    if ( PermissionsGetUserAccess(MY_PERMISSIONS_OBJECT_UUID, currentLoggedInUser) &
        PERMISSIONS_MASK_MODIFY )
    {
        m_componentSettings = newSettings;
    }
}
```