

til::feature

Feature flags are controlled by an XML document stored at `src/features.xml`.

Example Document

```
<?xml version="1.0"?>
<featureStaging xmlns="http://microsoft.com/TilFeatureStaging-Schema.xsd">
  <feature>
    <!-- This will produce Feature_XYZ::IsEnabled() and TIL_FEATURE_XYZ_ENABLED (preprocessor symbol) -->
    <name>Feature_XYZ</name>

    <description>Does a cool thing</description>

    <!-- GitHub deliverable number; optional -->
    <id>1234</id>

    <!-- Whether the feature defaults to enabled or disabled -->
    <stage>AlwaysEnabled|AlwaysDisabled</stage>

    <!-- Branch wildcards where the feature should be *DISABLED* -->
    <alwaysDisabledBranchTokens>
      <branchToken>branch/with/wildcard/*</branchToken>
      <!-- ... more branchTokens ... -->
    </alwaysDisabledBranchTokens>

    <!-- Just like alwaysDisabledBranchTokens, but for *ENABLING* the feature. -->
    <alwaysEnabledBranchTokens>
      <branchToken>...</branchToken>
    </alwaysEnabledBranchTokens>

    <!-- Brandings where the feature should be *DISABLED* -->
    <alwaysDisabledBrandingTokens>
      <!-- Valid brandings include Dev, Preview, Release, WindowsInbox -->
      <brandingToken>Release</brandingToken>
      <!-- ... more brandingTokens ... -->
    </alwaysDisabledBrandingTokens>

    <!-- Just like alwaysDisabledBrandingTokens, but for *ENABLING* the feature -->
    <alwaysEnabledBrandingTokens>
      <branchToken>...</branchToken>
    </alwaysEnabledBrandingTokens>

    <!-- Unequivocally disable this feature in Release -->
    <alwaysDisabledReleaseTokens />
  </feature>
</featureStaging>
```

</featureStaging>

Notes

Features that are disabled for Release using **alwaysDisabledReleaseTokens** are *always* disabled in Release, even if they come from a branch that would have been enabled by the wildcard.

Precedence

1. **alwaysDisabledReleaseTokens**
2. Enabled branches
3. Disabled branches
 - The longest branch token that matches your branch will win.
4. Enabled brandings
5. Disabled brandings
6. The feature's default state