

Objective C static code analysis: Digraphs should not be used

1-2 minutes

The use of digraphs may not meet developer expectations.

The digraphs are:

- <%
- %>
- <:
- :>
- %:
- %:%:

Noncompliant Code Example

```
template <typename T>
class A
{
public:
    template<int32_t i>
    void f2();
};

void f(A<int32_t> * a<:10:>) /* Noncompliant - usage of '<:'
instead of '[' and '>:' instead of ']' */
<% /* Noncompliant - usage of '<%' instead of '{'
*/
    a<:0:>->f2<20>(); /* Noncompliant - usage of '<:' and '>:' */
%> /* Noncompliant - usage of '%>' instead of '}'
*/
```

Compliant Solution

```
/* ... */

void f(A<int32_t> * a[10]) /* Compliant */
{ /* Compliant */
    a[0]->f2<20>(); /* Compliant */
} /* Compliant */
```

See

- MISRA C++:2008, 2-5-1 - Digraphs should not be used.

Available In: