

Getting_T9_state_in_3rd_Edition

Header Required:

```
#include <aknindicatorcontainer.h> //CAknIndicatorContainer
#include <akneditstateindicator.h> //MAknEditingStateIndicator
#include <aknenv.h>
```

Library Needed:

```
LIBRARY avkon.lib //CAknIndicatorContainer
```

Source Code:

```
enum TEdwinStates
{
    EAbc,
    EAbcDictionary,
    Eabc,
    EabcDictionary,
    EABC,
    EAlphaABCDictionary,
    ENumeric123,
    EHideStateIndication
};

MAknEditingStateIndicator *editing = CAknEnv::Static()->EditingStateIndicator();
CAknIndicatorContainer *indicator = editing->IndicatorContainer();

TBool isDictionary = EFalse;
TInt iState

if(indicator->IndicatorState(S_uid(EAknNaviPaneEditorIndicatorT9)))
{
    isDictionary = ETrue;
}
else if(indicator->IndicatorState(S_uid(EAknNaviPaneEditorIndicatorQuery)))
{
    //pen mode
}

if(indicator->IndicatorState(S_uid(EAknNaviPaneEditorIndicatorLowerCase)) &&
isDictionary)
{
    iState = EabcDictionary;
}
else if(indicator->IndicatorState(S_uid(EAknNaviPaneEditorIndicatorLowerCase)))
{
    iState = Eabc;
}
else if(indicator->IndicatorState(S_uid(EAknNaviPaneEditorIndicatorUpperCase)) &&
isDictionary)
{
    iState = EABCDictionary;
}
else if(indicator->IndicatorState(S_uid(EAknNaviPaneEditorIndicatorUpperCase)))
{
    iState = EABC;
}
else if(indicator->IndicatorState(S_uid(EAknNaviPaneEditorIndicatorTextCase)) &&
isDictionary)
```

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```
{
    iState = EAlphaABCDictionary;
}
else if (indicator->IndicatorState(S_uid(EAknNaviPaneEditorIndicatorTextCase)))
{
    iState = EAbc;
}
else if (indicator->IndicatorState(S_uid(EAknNaviPaneEditorIndicatorNumberCase)))
{
    iState = ENumeric123;
}
```

Based on iState value you can perform necessary actions