Option Explicit

'ルビを振った漢字を格納するArray
Public kanjiArray(9999) As String
'KanjiArrayのインデックス
Public KI As Long

'文書全体にルビ設定（最初の漢字のみ）
Public Sub MakeFirstRubiAll()
SetPhoneticRange ActiveDocument.Range, True
End Sub

Private Sub SetPhoneticRange(ByVal rng As Word.Range, ByVal FirstFlag As Boolean)
Dim r As Word.Range
Dim s As Word.Range
Dim i As Long
Dim dFlag As Boolean

' kanjiArrayのインデックスの初期化
KI = 0

'単語単位で処理
For Each r In rng.Words
'ルビが振られていないか最初にフィールド数で判定
If r.Fields.Count < 1 Then
' 漢字が含まれているか判定
If ChkKanjiRange2(r) = True Then

' 全部が漢字か判定
If ChkKanjiRange(r) = True Then

If FirstFlag = False Then
' 全ての漢字にルビをふる
r.Select
Application.Dialogs(wdDialogPhoneticGuide).Show 1
Else
' 最初に出てきた漢字にだけルビをふる
If inKanjiArray(r.Text) = False Then
addKanjiArray (r.Text)
r.Select
Application.Dialogs(wdDialogPhoneticGuide).Show 1
End If
End If

Else
'文字単位で処理
i = 1
For Each s In r.Characters
' 漢字か判定
If ChkKanjiRange(s) = True Then
' 次の文字が漢字か判定
dFlag = False
If i < Len(r.Text) And Len(Mid(r.Text, i + 1, 1)) > 0 Then
If isKanji(Mid(r.Text, i + 1, 1)) = True Then
' 漢字が２文字続きの場合、一緒にルビを振る
s.End = s.End + 1
dFlag = True
End If
End If

If FirstFlag = False Then
' 全ての漢字にルビをふる
s.Select
Application.Dialogs(wdDialogPhoneticGuide).Show 1
Else
' 最初に出てきた漢字にだけルビをふる
If inKanjiArray(s.Text) = False Then
If dFlag = True Then
addKanjiArray (Mid(r.Text, i, 1))
addKanjiArray (Mid(r.Text, i + 1, 1))
End If
addKanjiArray (s.Text)
s.Select
Application.Dialogs(wdDialogPhoneticGuide).Show 1
End If
End If

End If
i = i + 1
Next
End If

End If
End If
Next
End Sub
Private Function ChkKanjiRange(ByVal rng As Word.Range) As Boolean
'指定したRangeが全部漢字だったらTrue
Dim ret As Boolean
Dim i As Long

ret = True
For i = 1 To Len(rng.Text)
If isKanji(Mid(rng.Text, i, 1)) = False Then
ret = False
Exit For
End If
Next
ChkKanjiRange = ret
End Function

Private Function ChkKanjiRange2(ByVal rng As Word.Range) As Boolean
'指定したRangeに漢字が１文字でも含まれていたらTrue
Dim ret As Boolean
Dim i As Long

ret = False
For i = 1 To Len(rng.Text)
If isKanji(Mid(rng.Text, i, 1)) = True Then
ret = True
Exit For
End If
Next
ChkKanjiRange2 = ret
End Function

Private Function isKanji(ByVal strIn As String) As Boolean
Dim re As Object
Set re = CreateObject("VBScript.RegExp")
re.Pattern = "[一-龠〃々〆〇]"

If re.test(strIn) Then
'MsgBox "入力文字列には、漢字が含まれてます。"
isKanji = True
Else
'MsgBox "入力文字列には、漢字が含まれていません。"
isKanji = False
End If
End Function

Private Function inKanjiArray(ByVal str As String) As Boolean
Dim ret As Boolean
Dim i As Long
ret = False

For i = 0 To KI + 1
If StrComp(kanjiArray(i), str) = 0 Then
ret = True
Exit For
End If
Next
inKanjiArray = ret
End Function

Private Function addKanjiArray(ByVal str As String) As Boolean
kanjiArray(KI) = str
KI = KI + 1
End Function
'文書全体にルビ設定（最初の漢字のみを20回繰り返す）
Sub Repeat10Times()
Dim i As Integer
For i = 1 To 20
MakeFirstRubiAll
Next i
End Sub