

```
//ATR Band.mq4
```

```
#property indicator_chart_window  
#property indicator_buffers 2  
#property indicator_color1 Magenta  
#property indicator_color2 Aqua
```

← #property命令を記述

```
//インジケータバッファの宣言
```

```
double Upper[];  
double Lower[];
```

← インジケータバッファを宣言

```
//変数の宣言
```

```
extern int ATR_Period = 14;  
extern int MA_Mode = MODE_EMA;  
extern int Multiplier = 2;
```

← 変数を宣言

```
int init()
```

```
{  
    //インジケータバッファのインデックス  
    SetIndexBuffer(0,Upper);  
    SetIndexBuffer(1,Lower);  
  
    //インジケータのラベル  
    SetIndexLabel(0,"Upper("+ATR_Period+"");  
    SetIndexLabel(1,"Lower("+ATR_Period+"");  
  
    return(0);  
}
```

← 初期設定を記述

```
int start()
```

```
{  
    int limit = Bars - IndicatorCounted();  
  
    for(int i = limit - 1; i >= 0; i--)  
    {  
        Upper[i] = Close[i] + iCustom(NULL,0,"Wilders ATR",ATR_Period,MA_Mode,0,i) * Multiplier;  
        Lower[i] = Close[i] - iCustom(NULL,0,"Wilders ATR",ATR_Period,MA_Mode,0,i) * Multiplier;  
    }  
  
    return(0);  
}
```

← 具体的な処理内容を記述