Check if an HTML element is displayed

For element in an (X)HTML document is displayed only if its *display* attribute is not "none" **and** all of its parent elements are also visible.

The above rules need make me think "recursion" so, I developed the following routine to check if a given element in a *TWebBrowser* control is displayed:

```
function THTMLDocHelper.ElemIsVisible(const Elem: IDispatch): Boolean;
var
  Element: IHTMLElement;  // IHTMLElement interface to Elem
begin
  if Supports(Elem, IHTMLElement, Element) then
  begin
    // Check if element itself is visible
    Result := (Element.style.display <> 'none');
    if Result and Assigned(Element.parentElement) then
      // Element is visible: check if parent is visible (recursive)
      Result := ElemIsVisible(Element.parentElement);
  end
  else
    // Not an HTML element
    Result := False;
end;
```

To use the function pass the *IDispatch* interface to the required element to it.

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