
Subject: Re: Map Projection Woes

Posted by [James Kuyper](#) on Fri, 14 Apr 2006 15:15:45 GMT

[View Forum Message](#) <> [Reply to Message](#)

David Fanning wrote:

> Matt Savoie writes:

>

>> Determining whether a given point is inside or outside a given spherical

>> polygon is rather difficult.

>

> Oh, oh. No *wonder* I haven't seen anything like

> this around here!

>

> Humm. Guess I'll go think about Wayne's ARRAY_OR

> problem. That sounds like more fun than this. :-(

While the general case is very difficult, your case should be much simpler. Your particular spherical polygon is just an approximation to a great circle, which means that a lot of the tricky special cases shouldn't apply. However, I don't think I know enough about the problem that you're running into, to suggest a specific procedure for doing it. Could you give more details?
