
Subject: Re: yet another 2d matching question
Posted by [JDS](#) on Fri, 30 Jul 2010 22:23:27 GMT

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Paulo spotted the issue. What determines whether a given point in the search list "is not matched to a closer point"? Your 1-to-1 match will be sensitive to the input ordering of the target list. The intention of `match_radius` is to specify the maximum separation beneath which all matches are "equally good". For example, the statistical uncertainty in the position itself. Multiple matches would then imply either is an equally good match. If you still wanted to do this (for example if you are conducting a match for which `sub-match_distance` separations are still meaningful), it will have to be a pre- or post-processing step, since all matches are performed in parallel (which is what gives `MATCH_2D` its speed).

JD
