While unplaced pieces c1

Clear Fits

Loop over unplaced pieces c2

Loop over placed pieces c3

Compute PScores of c2 vs. c3

Find consecutive high P scores and place into Fits

Sort Fits by descending size/piece #

Loop over Fits c2

If fit contains:

An active placed piece &&

An unplaced piece &&

No unplaced arcs matching inactive placed arcs

Compute the MU score between 2 pieces of fit

If the MU score is too small

Try shortening the match to get a higher score

Else

Try locking pieces of the fit

If the pieces lock

Add new piece to Placements

Update Tracker