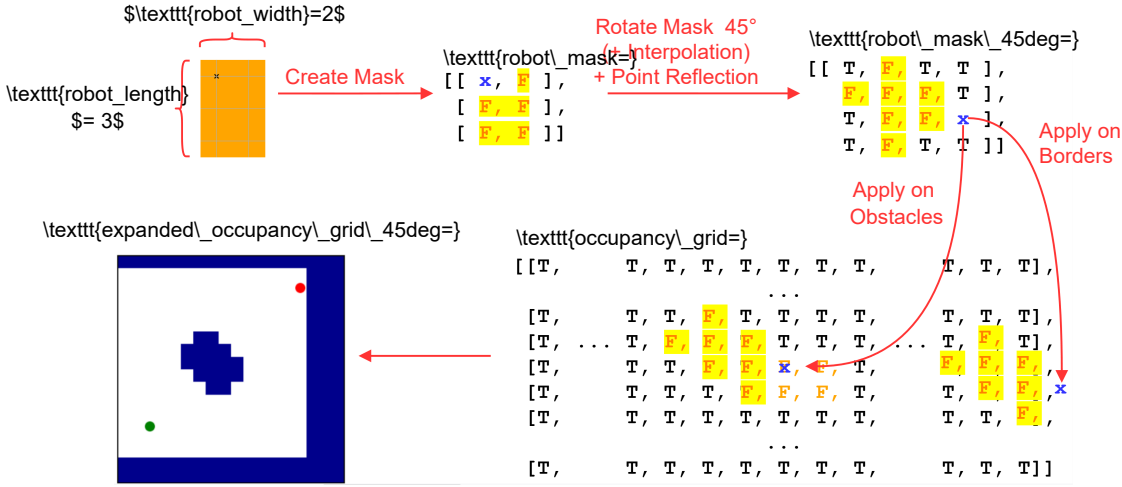
$\texttt{robot_width}=2$
\texttt{robot_length}
$= 3$
Create Mask
\texttt{robot_mask=}
[[x, F],
[F, F],
[F, F]]
Rotate Mask 45°
(+ Interpolation)
+ Point Reflection
\texttt{robot_mask_45deg=}
[[T, F, T, T],
F, F, F, T],
T, F, F, x],
T, F, T, T]]
Apply on
Borders
Apply on
Obstacles
\texttt{occupancy_grid=}
\texttt{expanded_occupancy_grid_45deg=}