

```
FillQuadrantTile
                                         && (MT. obstacleLv = =0)
          Tile LT, DT. MT;
           TileSearch LS, DS, MS;
               accessible & DS. accessible & !MT. is wall [Left] & IMT. is wall [Down] & LT. block Lv == 0 & DT. block Lv == 0;
          bool accessible =
          if (!accessible) return false;
          wint 32t distance = source distance + Distance [dx][dy];
          ushort cost = source.cost + MT. blocked Lv;
          if (!Ms.isAccessible 11 (oost <MS. cost) 11 ((cost == Ms. cost)&&(distance < Ms. distance))) }
               MS. source = source;
               MS. cost = cost;
               MS distance = distance:
              Ms. is Accessible = true;
              Queue Push Back ...
           return time;
```

struct Tile Search? bool is Accessible; short source X; short source Y; ushort cost; uint distance; enum Direct & right = 0,

```
bool is Wall [4];
 short obstacleLv > 一阵福. (亦不可論行)
 Short blocked Lv; 一指路线(机流下
                  可通行)
Lv1.一部挡路成
1/2. (作用于cost)
```

LV 256, 地穴(等)

void Spread From (short X, short Y) {  $1/\rightarrow 1/4$ , 1/4; 1/4 max 1/4 1/4spread Quadrant (X,Y, \-\\\); (>, 1, () void Spread Quadrant (short Source X/Y, short MaxX/Y, short Direct) { short dx, dy = ---; // By Direction short x = Source X + dx, y, while  $(x \le max x)$ ? y = Source Y + dy; while  $(y \le max y)$ ? Fill Quadrant Tile. y+=dy; = x+= dx;

```
void Search () }
     Queue. Push Back (Stort); Spreadfrom (Start);
      while (! aucue-empty())}
           auto pt = Queue.front ();
          dune. PopFront();
         SpreadFrom (pt);
```