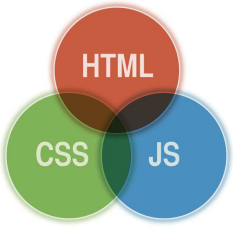
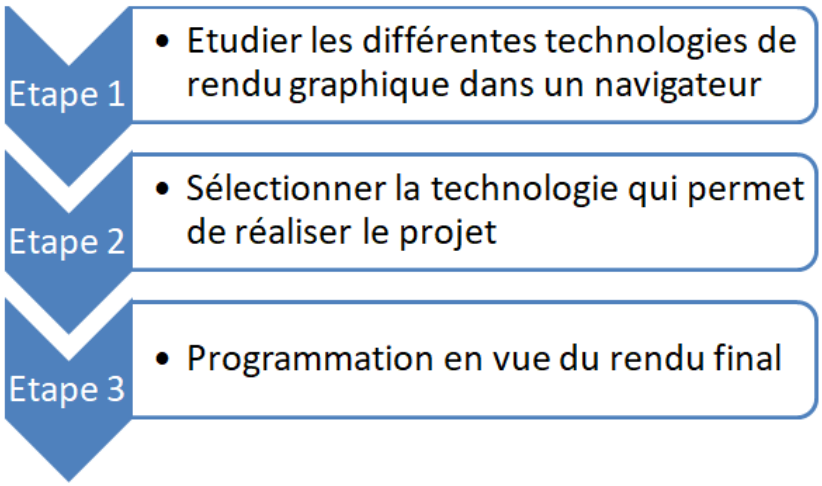
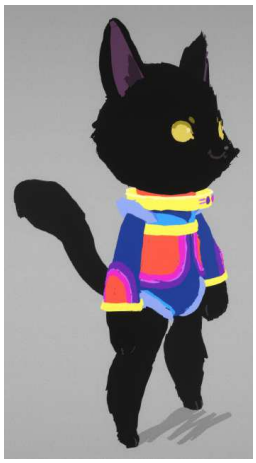
M1Info

UNIVERSITÉ PARIS 8
VINCENNES-SAINT-DENIS


three.js

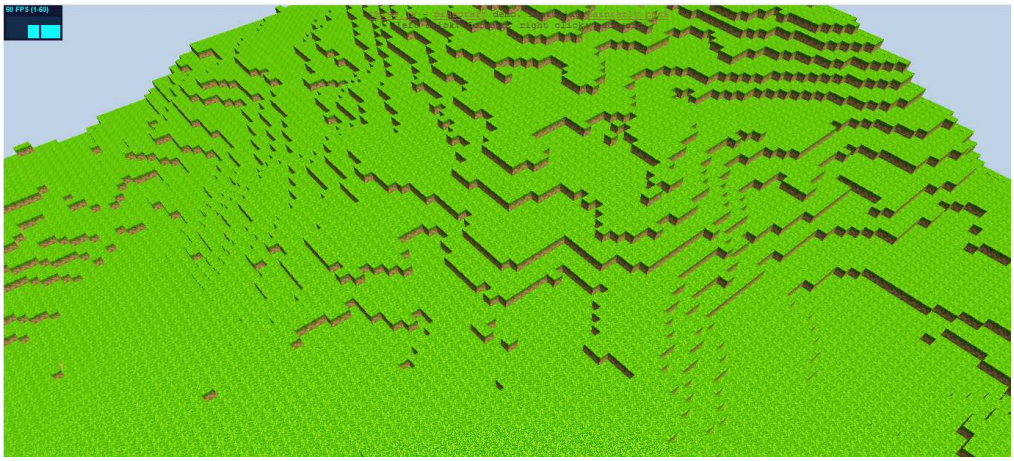

HTML
CSS
JS


Etape 1
• Etudier les différentes technologies de rendu graphique dans un navigateur
Etape 2
• Sélectionner la technologie qui permet de réaliser le projet
Etape 3
• Programmation en vue du rendu final

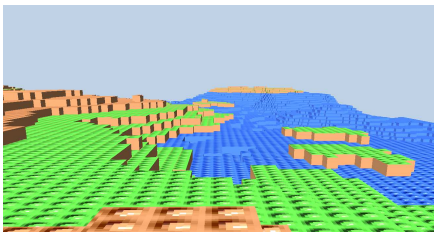


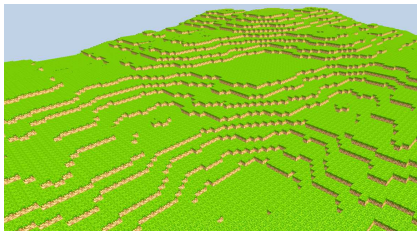

MIST

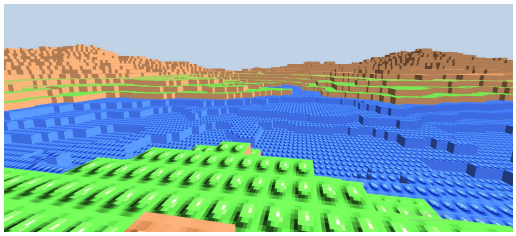

Ephidrena
ALCATRAZ
Hauiobb

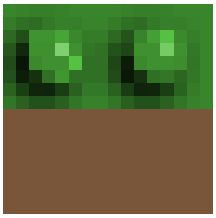

60 FPS (1-60)

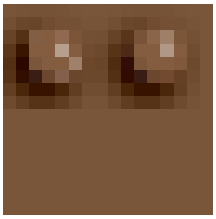

HTML
CSS
• style.css
JS
• three.js
• FirstPersonControls.js
• ImprovedNoise.js
• Detector.js
• stat.min.js
• main.js

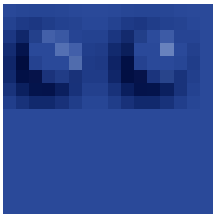












```
if (h <= -3) {
    LowLayer.merge(pyTmpGeometry, matrix);
    merge(matrix, LowLayer, pxTmpGeometry, nxTmpGeometry, pzTmpGeometry, nzTmpGeometry, values);
}
else {
    if (h <= 0) {
        MiddleLayer.merge(pyTmpGeometry, matrix);
        merge(matrix, MiddleLayer, pxTmpGeometry, nxTmpGeometry, pzTmpGeometry, nzTmpGeometry, values);
    }
    else {
        HighLayer.merge(pyTmpGeometry, matrix);
        merge(matrix, HighLayer, pxTmpGeometry, nxTmpGeometry, pzTmpGeometry, nzTmpGeometry, values);
    }
}
```

```
this.onMouseDown = function ( event ) {
  if ( this.domElement !== document ) {
    this.domElement.focus();
  }
  event.preventDefault();
  event.stopPropagation();
  if ( this.activeLook ) {
    switch ( event.button ) {
      case 0:
        logger.debug(stack+" : Start Moving forward (left click)");
        this.moveForward = true;
        break;
      case 2:
        logger.debug(stack+" : Start Moving backward (right click)");
        this.moveBackward = true;
        break;
    }
  }
  this.mouseDragOn = true;
};
```


```
this.onMouseDown = function ( event ) {
  if ( this.domElement !== document ) {
    this.domElement.focus();
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