

CSCM37: Coursework 1

Andrew Gray
(445348)

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Part 1

Description

Image:

Tool: The name of the tool used to generate the image

Visual Mappings:

- **mapping 1:** Answer
- **mapping 2:** Answer

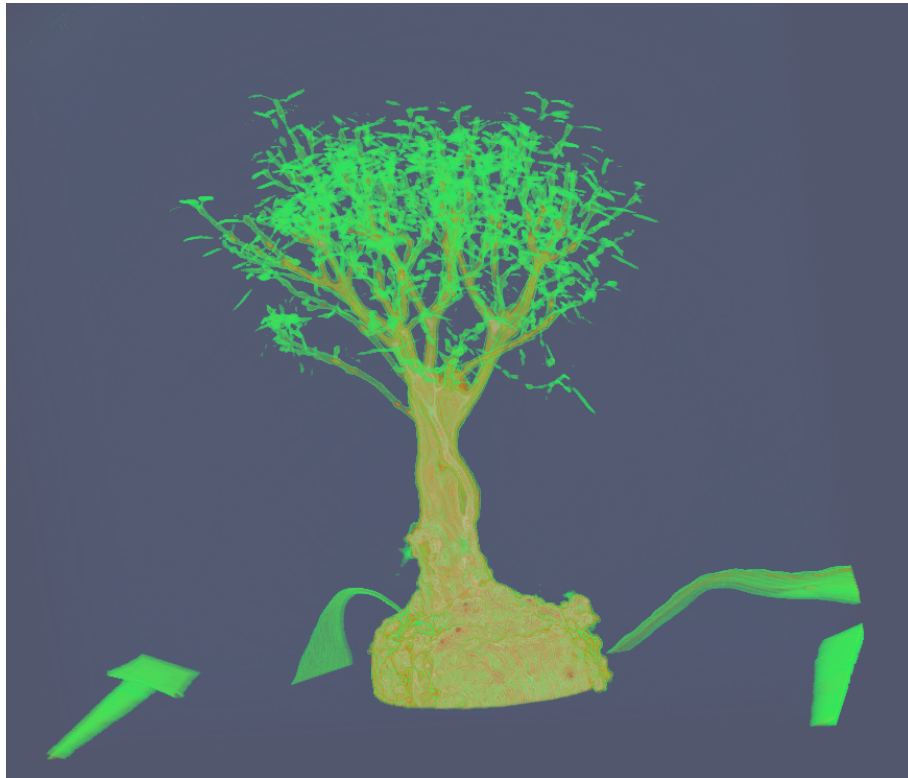
Data Preparation: Answer

Unique Observation: Answer

Part 2, Image 1

Description

Image:



Tool: Paraview

Visual Mappings:

- **mapping 1:** Answer
- **mapping 2:** Answer

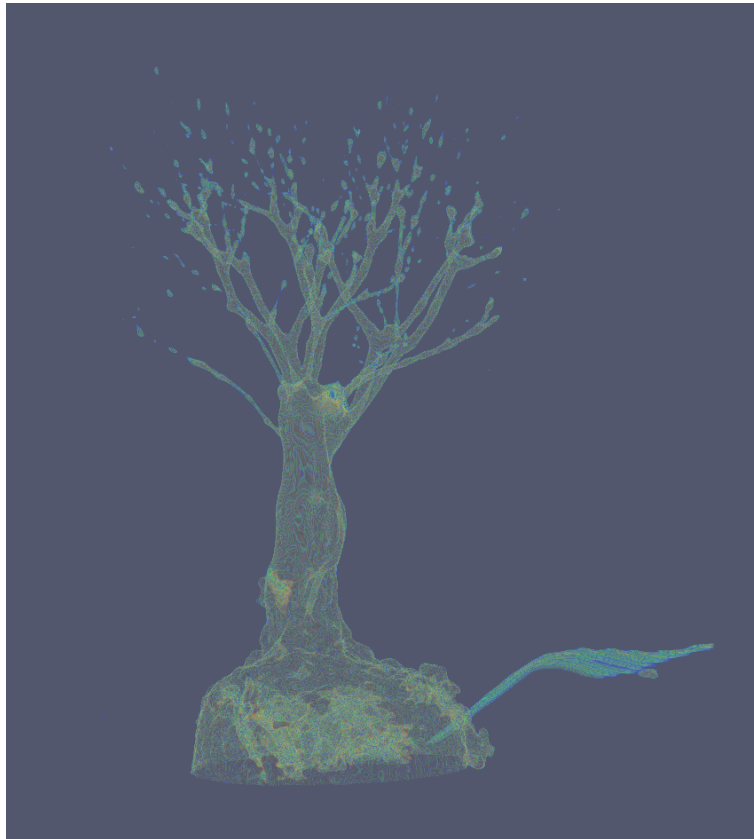
Data Preparation: Data scalar type unsigned char was used. Along with data extent: 0 - 511, 0 - 511, 0 - 181. Representation is volume.

Unique Observation: Once the mapping has been altered a tree with leaves appears.

Part 2, Image 2

Description

Image:



Tool: Paraview

Visual Mappings:

- **mapping 1:** Colour mapping is set to LAB.
- **mapping 2:** Answer

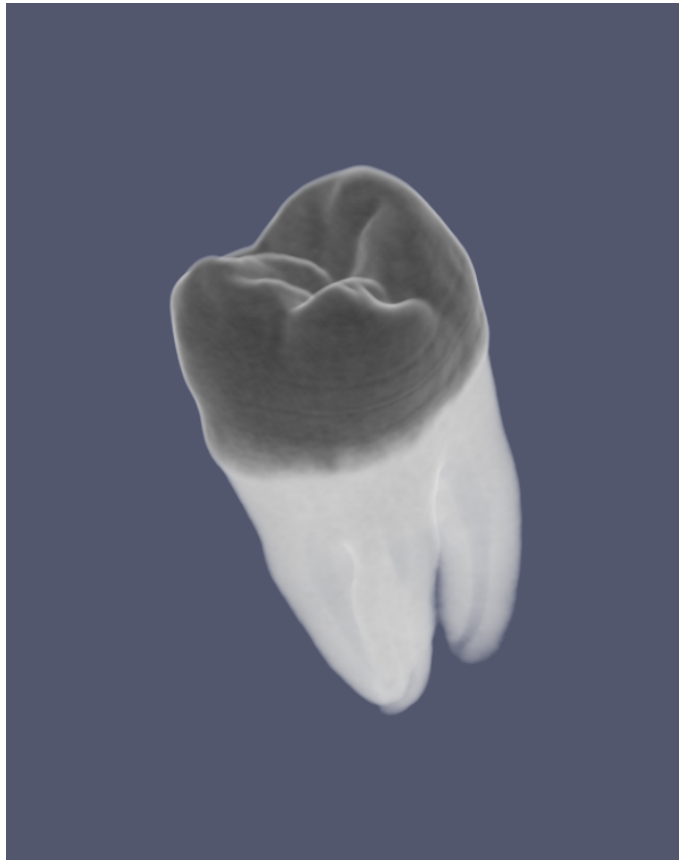
Data Preparation: Data scalar type unsigned char was used. Along with data extent: 0 - 511, 0 - 511, 0 - 181. Representation is volume.

Unique Observation: At data point 76.894 is where the internal part of the tree trunk disappears. While at data point 54.696, this is where the leaves will start to disappear from the visualisation.

Part 2, Image 3

Description

Image:



Tool: Paraview

Visual Mappings:

- **mapping 1:** Answer
- **mapping 2:** Answer

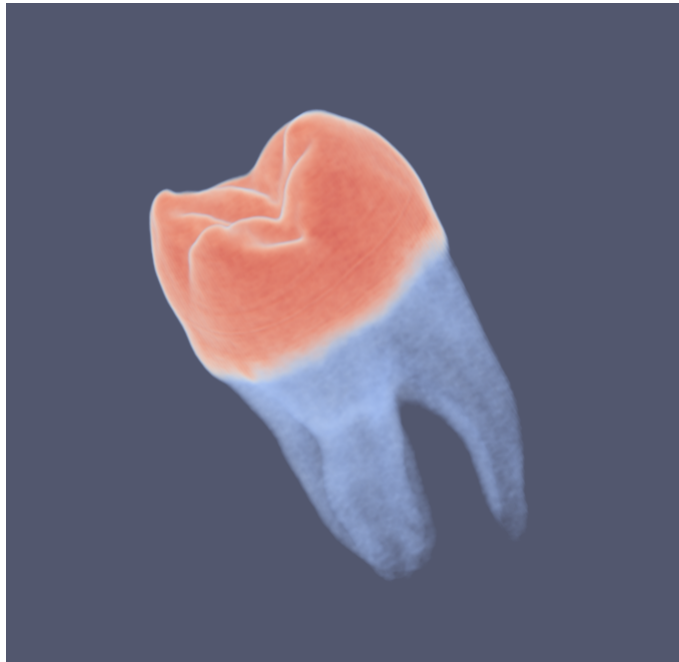
Data Preparation: Data scalar type unsigned char was used. Along with data extent: 0 - 511, 0 - 511, 0 - 181

Unique Observation: Once the mapping has been altered a tree with leaves appears.

Part 2, Image 4

Description

Image:



Tool: Paraview

Visual Mappings:

- **mapping 1:** Answer
- **mapping 2:** Answer

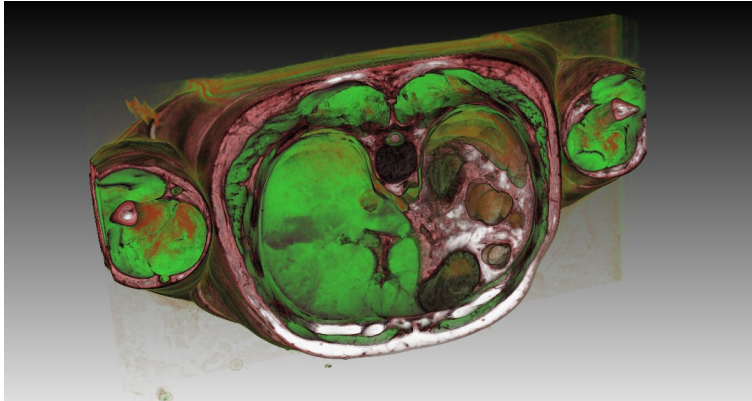
Data Preparation: Answer

Unique Observation: At datapoint 948.195 is where the transition from the root to the actual tooth. This is the white strip in the image.

Part 3, Image 1

Description

Image:



Tool: Inviwo

Visual Mappings:

- **mapping 1:** Answer
- **mapping 2:** Answer

Data Preparation: Answer

Unique Observation: Answer

Part 3, Image 2

Description

Image:

Tool: The name of the tool used to generate the image

Visual Mappings:

- **mapping 1:** Answer
- **mapping 2:** Answer

Data Preparation: Answer

Unique Observation: Answer