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### Level 1: Hemisphere

- Left Cerebrum
- Right Cerebrum
- Left Cerebellum
- Right Cerebellum
- Left Brainstem
- Right Brainstem
- Inter-Hemispheric

### Level 2: Lobe

- Anterior Lobe
- Frontal Lobe
- Frontal-Temporal Space
- Limbic Lobe
- Medulla
- Midbrain
- Occipital Lobe
- Parietal Lobe
- Pons
- Posterior Lobe
- Sub-lobar
- Temporal Lobe

# Level 3: Gyrus

- Angular Gyrus
- Anterior Cingulate
- Caudate
- Cerebellar Lingual
- Cerebellar Tonsil
- Cingulate Gyrus
- Claustrum
- Culmen
- Culmen of Vermis
- Cuneus
- Declive
- Declive of Vermis
- Extra-Nuclear
- Fastigium

- Fourth Ventricle
- Fusiform Gyrus
- Inferior Frontal Gyrus
- Inferior Occipital Gyrus
- Inferior Parietal Lobule
- Inferior Semi-Lunar Lobule
- Inferior Temporal Gyrus
- Insula
- Lateral Ventricle
- Lentiform Nucleus
- Lingual Gyrus
- Medial Frontal Gyrus
- Middle Frontal Gyrus
- Middle Occipital Gyrus
- Middle Temporal Gyrus
- Nodule
- Orbital Gyrus
- Paracentral Lobule
- Parahippocampal Gyrus
- Postcentral Gyrus
- Posterior Cingulate
- Precentral Gyrus
- Precuneus
- Pyramis
- Pyramis of Vermis
- Rectal Gyrus
- Subcallosal Gyrus
- Sub-Gyral
- Superior Frontal Gyrus
- Superior Occipital Gyrus
- Superior Parietal Lobule
- Superior Temporal Gyrus
- Supramarginal Gyrus
- Thalamus
- Third Ventricle
- Transverse Temporal Gyrus
- Tuber
- Tuber of Vermis
- Uncus
- Uvula
- Uvula of Vermis

## **Level 4: Tissue Type**

- Cerebro-Spinal Fluid
- Gray Matter
- White Matter

## **Level 5: Cell Type**

- Amygdala
- Anterior Commissure
- Anterior Nucleus
- Brodmann areas
- Caudate Body
- Caudate Head
- Caudate Tail
- Corpus Callosum
- Dentate
- Hippocampus
- Hypothalamus
- Lateral Dorsal Nucleus
- Lateral Geniculum Body
- Lateral Globus Pallidus
- Lateral Posterior Nucleus
- Mammillary Body
- Medial Dorsal Nucleus
- Medial Geniculum Body
- Medial Globus Pallidus
- Midline Nucleus
- Optic Tract
- Pulvinar
- Putamen
- Red Nucleus
- Substania Nigra
- Subthalamic Nucleus
- Ventral Anterior Nucleus
- Ventral Lateral Nucleus
- Ventral Posterior Lateral Nucleus
- Ventral Posterior Medial Nucleus

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This work forms part of a continuing project of the <u>ICBM</u> to develop a probabilistic atlas of human neuroanatomy.

#### **Recommended System Requirements**

- Java 1.4 or better
- 256 MB RAM

#### **Java Runtime Environment**

Update Java for computers running Mac OS X using Software Update in the System Preferences. PCs running Windows or other operating systems can download the <u>Java Runtime Environment</u> (JRE) at Sun's official site.

### Feedback

Please email Mick Fox if you have any questions or find any bugs while using this software.

#### **Other Links**

<u>BrainMap</u> - a community database of functional neuroimaging results in the form of stereotactic coordinates, also developed at the RII.

<u>icbm2tal</u> - coordinate transformations that convert between MNI and Talairach spaces, optimized for SPM or FSL results.

NITRC - the Neuroimaging Informatics Tools and Resources Clearinghouse.