무료 전자 책

# 배우기

# dicom

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# 1: dicom

dicom , .

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DICOM M-edicine D-igital I-maging CO-mmunications . .

```
  1 - a file format for images and reports
  2 - a set of defined services
  3 - a network protocol
```

(3) (2) (1) , .

DICOM .

## Examples

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### DICOM

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```
tag - a number which identifies the type of element
data type - a description of the data type of the data in the element
length - the number of bytes of data in the
data - the data stored in the element
```

;

```
0010,0010 PN 12 Elemans^John
```

. . ASCII . 16 .

```
10001000 504E0C00 454C454D 414E535E 4A4F484E
```

. . ;

```
tag - 10001000 = 00100010 or 0010,0010
type - 504E = PN
length - 0C00 = 12
data - 54C454D 414E535E 4A4F484E = Elemans^John
```

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PN . DICOM . PN .

DICOM . .

```
tag - 7FE0,0010
type - OB or OW (other Byte or other Word)
length - depends on the image
data - binary data for the image
```

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dicom : https://riptutorial.com/ko/dicom/topic/8668/dicom-

# 2:

, DICOM .

## Examples

### DICOM

- DICOM - http://dicom.nema.org/standard.html - . .
- DICOM - https://dicom.innolitics.com/ - DICOM .

### DICOM

- DICOM - http://dicomiseasy.blogspot.com/p/introduction-to-dicom.html - DICOM .
- DICOM - https://groups.google.com/forum/#!forum/comp.protocols.dicom - DICOM .

### DICOM

- DCM4CHEE - http://www.dcm4che.org/ - Java DICOM .
- DCMTK - http://dicom.offis.de/dcmtk.php.en - C ++ DICOM .
- Grassroots DICOM - https://sourceforge.net/projects/gdcm/ - C ++ DICOM .
- Merge - http://www.merge.com/Solutions/Toolkits/Merge-DICOM-Toolkit.aspx - DICOM .
- Pixelmed Publishing - http://www.pixelmed.com/dicomtoolkit.html - Java DICOM .
- Pydicom - https://github.com/pydicom - dicom

: https://riptutorial.com/ko/dicom/topic/10752/-

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