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學習

dicom

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1: dicom

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DICOMM-edicineD-digital I-magingCO-mmunications. ;

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

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Examples

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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. ;

```
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。

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```
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/zh-TW/dicom/topic/8668/dicom](https://riptutorial.com/zh-TW/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/dcm4chee> - C ++ DICOM.
- Grassroots DICOM - <https://sourceforge.net/projects/gdcm/> - DICOMC ++.
- - <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> - dicomPython

<https://riptutorial.com/zh-TW/dicom/topic/10752/>

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