

IFILTERS

Hatch

Ifilters are the way to enforce structure

- Semi-structured text is uploaded to Hatch.
- Text is scanned when it is uploaded, or at a later time.
- Ifilters use elementary parsing to find structure in free form text
 - (regular expressions)
- Ifilters allow advanced users to define data schemes on the fly.
 - Opposed to strict relational data, who's structure must be know before hand.

| 01 02/16/06 19:08:15 3D9.1BF1E7919A XX 91

$([0-9/]+)[]+([0-9:)[]+([^\wedge]+)$

| 0 | 02/16/06 | 19:08:15 | 3D9.IBFIE7919A XX 9 |



02/16/06

19:08:15

3D9.IBFIE7919A

FILE TYPE : INTERROGATION
FILE TITLE : TMJ06001.A9I
FILE CREATED : 01 JANUARY 2006 AT 00:00

! This file contains all detections for 2006 from the juvenile bypass outfall.
! The tags were detected using an FS-2001F portable transceiver and flat-
plate
! antenna. These data were compiled from the original files by Dave Marvin,
! PTAGIS. The original data files are listed in the data stream below,
! followed by their contents.

! TMJ06032.AI

| 01 02/16/06 19:08:15 3D9.IBF1E7919A XX 9I
| 01 02/16/06 19:18:36 3D9.IBF1A998FA XX 9I
| 01 02/16/06 19:08:15 3D9.IBF1E7919A XX 9I
| 01 02/17/06 18:21:03 3D9.IBF20E8FE2 XX 9I
| 01 02/20/06 18:27:01 3D9.IBF11BFFF5 XX 9I
| 01 02/22/06 01:56:38 3D9.IBF23F62D4 XX 9I
| 01 02/22/06 03:56:10 3D9.IBF234346C XX 9I
| 01 02/22/06 17:59:11 3D9.IBF2342E83 XX 9I
| 01 02/22/06 19:03:37 3D9.IBF23435A4 XX 9I
| 01 02/22/06 19:03:37 3D9.IBF23435A4 XX 9I
| 01 02/22/06 19:03:37 3D9.IBF23435A4 XX 9I

FILE CLOSED : 28 JUNE 2006 AT 08:13

FILE TYPE
FILE TITLE
FILE CREATED

: INTERROGATION
: TMJ06001.A91
: 01 JANUARY 2006 AT 00:00

[
[02/16/06, 19:08:15, 3D9.IBF1E7919A],
[02/16/06, 19:18:36, 3D9.IBF1A998FA],
[02/16/06, 19:08:15, 3D9.IBF1E7919A],
[02/17/06, 18:21:03, 3D9.IBF20E8FE2],
[02/20/06, 18:27:01, 3D9.IBF11BFFF5],
[02/22/06, 01:56:38, 3D9.IBF23F62D4],
[02/22/06, 03:56:10, 3D9.IBF234346C],
[02/22/06, 17:59:11, 3D9.IBF2342E83],
[02/22/06, 19:03:37, 3D9.IBF23435A4],
[02/22/06, 19:03:37, 3D9.IBF23435A4],
[02/22/06, 19:03:37, 3D9.IBF23435A4]
]

([^:]+):(.+) FILE TYPE
([^:]+):(.+) FILE TITLE
([^:]+):(.+) FILE CREATED

: INTERROGATION
: TMJ06001.A9I
: 01 JANUARY 2006 AT 00:00

```
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Metadata

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Data

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