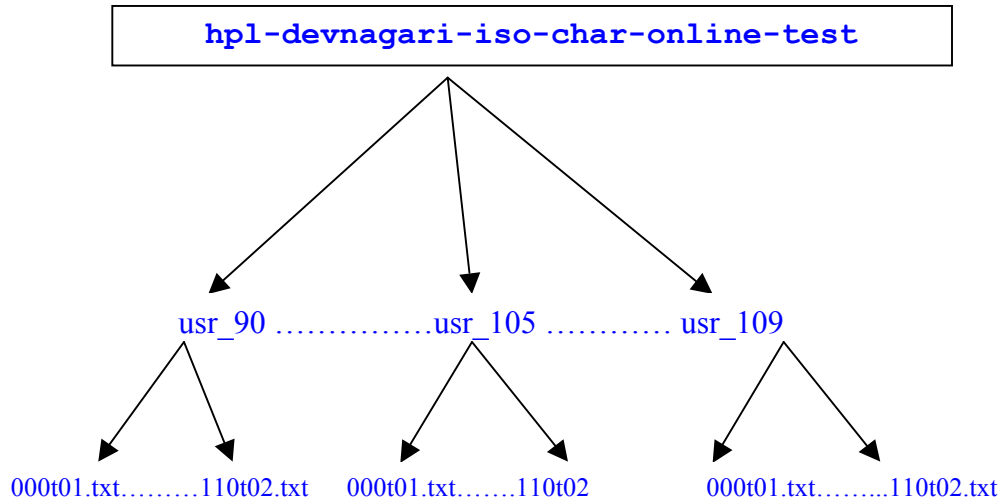# Directory Structure of Devnagari Dataset for Testing

1) "**hpl-devnagari-iso-char-online-test**" directory is the parent directory which contains the testing data.
2) All files of a particular writer are stored in a directory named as usr followed by an underscore<USER_ID>, where <USER_ID> starts from 0.
   e.g. usr_16 corresponds to 17th writer.
3) Ink data is stored in files which are named using a 3-digit class-id followed by a 't' and then the trial number.
   e.g. 008t03.txt implies the 3rd trial of the class with id 008.
4) The representation of the data is in UNIPEN format
5) The following figure gives a sample ink file in UNIPEN format.

```
.VERSION 1.0
.HIERARCHY CHARACTER
.COORD X Y T
.SEGMENT CHARACTER
.X_POINTS_PER_INCH 2500
.Y_POINTS_PER_INCH 2500
.POINTS_PER_SECOND 1200
.PEN_DOWN
935 523 0
935 523 0
935 523 0
935 520 0
935 517 0
935 514 0
935 511 0
.PEN_UP
```

For more information on UNIPEN format please refer http://unipen.nici.ru.nl/

6) The channels reported for each ink point are X, Y and T. Files corresponding to some users have valid T (time) values for the first and last points of each stroke, with intermediate values set to 0. For other users, the time channel is set to 0.
7) The following figure describes the directory of the entire directory structure more clearly.

```
                    ┌─────────────────────────────────────────┐
                    │   hpl-devnagari-iso-char-online-test     │
                    └─────────────────────────────────────────┘
```

usr_90 ……………usr_105 ………… usr_109

000t01.txt………110t02.txt   000t01.txt…….110t02   000t01.txt……...110t02.txt

8) The testing dataset does not contain samples of writer usr_95.
9) The number of samples of a particular symbol given by each of the users is less than or equal to 2.
10) Some of the user directories may not have the ink-files corresponding to some trials of a character.
11) The table below shows the sample statistics in the testing data for all the characters.

Character Id.	Number of Samples
0	37
1	37
2	37
3	35
4	37
5	36
6	36
7	33
8	37
9	37
10	36
11	35
12	36
13	37
14	36
15	35
16	37
17	37
18	36
19	37
20	36
21	35
22	37
23	37
24	37

25	36
26	37
27	36
28	35
29	36
30	37
31	37
32	37
33	35
34	36
35	37
36	37
37	36
38	37
39	37
40	36
41	36
42	37
43	37
44	35
45	35
46	33
47	37
48	34
49	34
50	36
51	36
52	37
53	36
54	37
55	37
56	37
57	37
58	35
59	34
60	37
61	37
62	37
63	36
64	36
65	32
66	34
67	35
68	34
69	35
70	36
71	35
72	34
73	35
74	36

75	31
76	33
77	37
78	37
79	35
80	29
81	36
82	36
83	36
84	36
85	36
86	36
87	35
88	35
89	34
90	34
91	37
92	36
93	34
94	37
95	31
96	32
97	35
98	35
99	37
100	35
101	36
102	36
103	29
104	34
105	33
106	31
107	35
108	30
109	35