

## make\_ddixml Package Vignette

The following figure illustrates a sequence of low-pass filters, applied to a series of electrocardiographic recording.

```
> library('swishdbtools')
> x <- rnorm(100,1,2)
> x

 [1] -0.44349609 -0.20259740  2.06973908 -0.23638174  1.55960280 -1.85182429
 [7] -0.04869043 -0.67821547  1.58595778  0.86702692  1.83312303  3.15701763
[13]  1.69385120  1.06361814  0.28421065 -1.95694903 -0.24173546  4.01596973
[19]  1.87641334 -2.66938985  0.82012581 -2.54827640  6.10825664 -0.64529079
[25] -3.33019256 -1.49880772  1.35790440 -1.22145216  2.09381015  2.05716537
[31] -1.30244996  1.09065148  1.01385846  2.92553857 -1.15748006  2.40304048
[37]  1.92549442  1.68560229  2.60082385 -2.37121387  1.25377603  2.16801972
[43]  1.47337801  1.54786702  0.45348895  1.13422352  3.02783597 -1.76705863
[49]  1.77959449 -1.20066688 -0.29741274 -0.05452186  1.26892918  0.11981460
[55]  1.58745268  3.06989694  0.26045192  5.67468973  3.75076466  0.57825652
[61] -1.22086984  0.02800054 -1.15177154  3.36150243  2.30699483  3.61615642
[67]  4.13194165  2.23770407  1.58160167  1.43538347 -1.88031367  1.74898660
[73] -0.97218123  0.13125865 -1.13250760  3.04921192  2.38057262  1.98596497
[79] -1.63432093  1.30300415  3.04141936 -0.50767448  1.79912625  2.91937781
[85]  1.23745875  0.65728975  1.13163443  1.71422972 -2.24500046  2.61787786
[91] -2.80543910 -2.55025247 -0.50833862  1.86856551 -5.50901761  2.32738518
[97]  0.53057361 -1.14633188 -0.79544596  1.14337039
```