

```

        ;Ftype = s
                                end
                                else
;{Wind = varargin{1
                                end
                                case 2
        ({if ischar(varargin{1
;{Ftype = varargin{1
                                else
;{Wind = varargin{1
                                end
        ({if ischar(varargin{2
;{Scale = varargin{2
                                else
;{Wind = varargin{2
                                end
                                case 3
;{Ftype = varargin{1
;{Wind = varargin{2
;{Scale = varargin{3
                                end
                                end
-----%
-----%
(function [Ftype,Wind,Scale,msg] = validateargs(Wn,Ftype,Wind,Scale
        .VALIDATEARGS Test if arguments are valid%
                                ;'' = msg

        Assign a default Ftype when an empty is given. Backwards %
                                compatibility
                                ,(if isempty(Ftype
;{Ftype = defaultftype(Wn
                                end

;{'Ftypeopts = {'LOW','HIGH','BANDPASS','STOP','DC-0','DC-1
;{'Scaleopts = {'NOSCALE','SCALE

;(((indx = find(strncmpi(Ftype, Ftypeopts, length(Ftype
                                ,(if isempty(indx
;'.msg = 'Unrecognized or ambiguous filter type specified
                                return
                                else
;{Ftype = Ftypeopts{indx
                                end

;(((scaleindx = find(strncmpi(Scale, Scaleopts, length(Scale
                                ,(if isempty(scaleindx
;'.msg = 'Scaling option must be 'noscale' or 'scale
                                return
                                else
;{Scale = Scaleopts{scaleindx
                                end

```