

**ifx tests**

result: true ; evaluated: "expandafter "expandafter "expandafter "ifx "expandafter "noexpand "expandafter "foo "noexpand "bar true "else false "fi

result: false ; evaluated: "expandafter "ifx "noexpand "foo "relax true"else false"fi

result:  $\Gamma_4$  ; evaluated: "expandafter "ifx "noexpand "index "index "else "expandafter "itool "fi "expandafter "end "the "index

**ifcat tests**

result: false ; evaluated: "ifcat [] true "else false"fi

result: false ; evaluated: "ifcat ["noexpand ] true "else false"fi

result: false ; evaluated: "ifcat "noexpand [] true "else false"fi

result: true ; evaluated: "ifcat "noexpand ["noexpand ] true "else false"fi

result: true ; evaluated: "ifcat [[ true "else false"fi

result: true ; evaluated: "ifcat ]] true "else false"fi

result: false ; evaluated: "ifcat "noexpand [[ true "else false"fi

result: true ; evaluated: "ifcat "noexpand ["noexpand [ true "else false"fi

result: true ; evaluated: "ifcat [\* true "else false"fi

result: false ; evaluated: "ifcat "noexpand [\* true "else false"fi

result: true ; evaluated: "ifcat ] true "else false"fi

result: false ; evaluated: "ifcat `noexpand ] true "else false"fi

result: false ; evaluated: "ifcat 'true"else false"fi

result: true ; evaluated: "ifcat "noexpand ^noexpand ^ true"else false"fi

result: true ; evaluated: "ifcat ^noexpand ^ true"else false"fi

result: false ; evaluated: "ifcat ^^ true"else false"fi

result: false ; evaluated: "ifcat "noexpand `noexpand ^ true"else false"fi

**if tests** result: false ; evaluated: "if "noexpand ["noexpand ] true "else false"fi

result: false ; evaluated: "if [] true "else false"fi

result: false ; evaluated: "if ["noexpand ] true "else false"fi

result: true ; evaluated: "if [\* true "else false"fi

result: false ; evaluated: "if "noexpand [\* true "else false"fi

result: true ; evaluated: "if "noexpand ^noexpand ^ true"else false"fi

result: true ; evaluated: "if ^noexpand ^ true"else false"fi

result: false ; evaluated: "if 'true"else false"fi

result: false ; evaluated: "if "reusefoo "reusefoonp true "else false"fi