

MAIN Table

Table containing data, coordinates and relative htmID

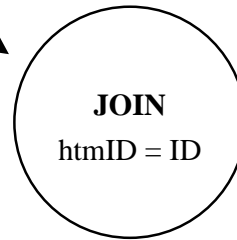
...	Ra	Dec	...	htmID
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DIF.dif Table

A reference table whose contents are dynamically generated on the base of user search criteria

ID	Full
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The join operation is very fast because it is based on the indexed field htmID



MAIN_htm VIEW

Front-end view to access the underlying indexing facility
This view has the same structure as the table MAIN

...	Ra	Dec	...	htmID
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Search criteria generates reference IDs in table DIF.dif

Example query: `SELECT * FROM MAIN_htm WHERE DIF_HTMCircle(10, 20, 3);`

Center coordinates

Radius