



CCK Performance

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Estimates Sizes

Phoebe	Atlas
4-6 million nodes	800,000-1,000,000 nodes

CCK Database interaction



Scenario 1 - Standard

A node type with 30 CCK fields. These fields are all not multiple.

	Selects	Inserts	Updates	Deletes
Node Load*	30	0	0	0
Node Save	30	1	29	0
Node Update	30	0	30	0
Node Delete	0	0	0	30

*This is only for uncached load. Once it is cached there is a single hit on the cache for load all the fields



Scenario 2 - Standard

A node type with 30 CCK fields. 10 of these fields are multiples and each has 10 rows

	Selects	Inserts	Updates	Deletes
Node Load*	30	0	0	0
Node Save	20	101	19	0
Node Update	20	100	20	10
Node Delete	0	0	0	30

*This is only for uncached load. Once it is cached there is a single hit on the cache for load all the fields

Scenario 1 - Enhanced

A node type with 30 CCK fields. These fields are all not multiple.

	Selects	Inserts	Updates	Deletes
Node Load*	1	0	0	0
Node Save	0	1	1	0
Node Update	0	0	1	0
Node Delete	0	0	0	1

*This is only for uncached load. Once it is cached there is a single hit on the cache for load all the fields

Scenario 2 - Enhanced

A node type with 30 CCK fields. 10 of these fields are multiples and each has 10 rows

	Selects	Inserts	Updates	Deletes
Node Load*	11	0	0	0
Node Save	0	11	0	0
Node Update	0	10	1	10
Node Delete	0	0	0	11

*This is only for uncached load. Once it is cached there is a single hit on the cache for load all the fields



Scenario 3 - Enhanced

A node type with 30 CCK fields. 10 of these fields are multiples and each has 10 rows and of the 10 multiples 5 of them are associated together into 1 associated group**.

	Selects	Inserts	Updates	Deletes
Node Load*	7	0	0	0
Node Save	0	7	0	0
Node Update	0	6	1	6
Node Delete	0	0	0	7

*This is only for uncached load. Once it is cached there is a single hit on the cache for load all the fields

** functionality not available in Standard version

CCK Features and Benefits

- Automatic form building
- Built in revision control
- Basic layout
- Full Views integration

... and this is without any coding.

Lonely Planet Enhancements

- Associated Fields
- Bi-directional Node references
- Database interaction reduction.

Associated Fields

- Ability to link 2 or more together into 1 table for data entry.
- Keeps all the rows aligned.
- Use any type of field in the table.
- Creation of more suitable schema